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CYCLOPÆDIA:

OR, AN

UNIVERSAL DICTIONARY

O F

ARTS and SCIENCES:

CONTAINING

The DEFINITIONS of the TERMS;

And ACCOUNTS of

The THINGS fignify'd thereby,

In the feveral ARTS, Both LIBERAL and MECHANICAL,

And the feveral SCIENCES,
HUMAN and DIVINE:

The Figures, Kinds, Properties, Productions, Preparations, and Ufes, of Things NATURAL and ARTIFICIAL;

The Rife, Progress, and State of Things Ecclesiastical, Civil, Military, and Commercial:

With the feveral Syftems, Sects, Opinions, &c. among Philosophers, Divines, Mathematicians, Physicians, Antiquaries, Criticks, &c.

The Whole intended as a Course of Antient and Modern LEARNING.

Compiled from the best Authors, Dictionaries, Journals, Memoirs, Transactions, Ephemerides, &c. in several Languages.

In TWO VOLUMES.

By E. CHAMBERS Gent,

Floriferis ut apes in faltibus omnia libant, Omnia nos———LUCRET.

VOLUME the FIRST.

LONDON:

Printed for James and John Knapton, John Darby, Daniel Midwinter, Arthur Bettesworth, John Sonex, Robert Gossing, John Pembertan, William and John Innys, John Usborn and The Leagman; Charles Revington, John Hooke, Rancw Robinson, Francis Clay, Auron Ward, Edward Symon, Daniel Browne, Andrew Johnson, and Thomas Osborn. M.DCCXXVIII.

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KING.

SIR,

HE ARTS and SCIENCES humbly crave Audience of Your Majetly. The near Concern they have in the Happines of a People, affures em of the favourable Attention of a Prince who makes that Happines his own. Tis by Thefe, the Parfimony of Nature is fupplied, and Life render'd from its native Wildnefs; and enrich'd with Sentiments which lead to Virtue and Glory. Tis thefe, in fine, that make the Difference between your Majetly's Subjects, and the Savages of Canada, or the Cape of Good Hope.

THE Protection of ARTS has ever been efteemed the proper Province of the Great. "Tis a Branch of the Regal Office; which a Prince, like Your Majety, equal to the whole Charge of a Crown, will not fuffer to be alienated into other Hands. From this, do the first and most distinguished Names in the List of Farne, derive a large Share of their Glory: and if there be any Age or Nation more confpicuous than the rest, and which is look'd on with Envy by our own; 'its that wherein the Sovretigns have fignalized themselves most in this Quality.—Indeed, the Time scens at hand, when we are no longer to envy Rome her Augustus and Augustan Age, but Rome in her turn shall envy outs.

SOMETHING extraordinaty is apparently intended by Providence in calling fuch a Prince, to fuch a People: A Prince who feels a generous Impulfe to devote his Cares and all his Toils to the Welfare of Mankind; and a People configuring with unexampled Ardor and Unanimity to all his glorious Views. Some of our belt Princes have had their Hands ty'd down; check'd by reluctant Factions, who opposed every nobler Defign: Your Majefly has found the happy Secret, to make even Contention do you Homage; and turn Oppofition itself into Approbation, and Applante.

THERE is a Time referred in Fate for every Nation to arrive at its Height; and the uppermost Place on the Terrestrial Ball is held successively by several States. May not the numerous Prelages which usher in Your Majethy's Reign, give us room

DEDICATION.

to expect that our Turn is next; and that what Greece was under ALEXANDER, and Rome under AUGUSTUS Coffer, Britain shall be under GEORGE and CAROLINE?

BUT even this were to under-rate dur Hopes, which are rais'd, by Your Majelly, to fomething fill more truly glorious. Greatnets, fo fondly coveted, has already coft the World very dear and, tho fill pursued by unthinking Men under almost every Shape, is only definable in a few. Of it felt it is rather an Object of Terror and Alarm, than Delight, and at best only pleases, when join'd with fomething naturally amiable. From the Practice of Your Majethy, Men may correct their Sentiments, and learn, that Greatness has no Charm except when founded in Goodness. To be Great, and a King, is but a small Matter with Your Majethy; 'tis a Quality many others enjoy in common with You, and to which some howevern been doom'd, to their Instany; 'tis what Herod was, and Nebuschaduezzar was; and Nero, and Domitian were. But, while other Princes chuse to be great in what is destructive, and others in things wholly indifferent; 'tis Your Majethy's Praise to be great in what is the Perfection of our Nature, and that whereby we approach nearest the Deiry. Happy Choice! to use Power only as the Means of rendering your Beneficence more diffusive; and thus make Power and Royalty minister to the Happiness of Mankind, which they have too often invaded.

YOUR Majelty commands a People capable of every thing. Not more fitted to finite in Arms, or maintain an extended Commerce; than to fucceed in the filller Purfuits of Philosophy and Literature. And it will be Your Majelty's Glory, not to let any of their Talents lie unemploy'd.——If Your Majelty gives the Word, while forme of em are buffed in avenging Your Caufe, by humbling some turbulent Monarch; some in extending your Dominions by new Settlements, and some in increafing your Peoples Wealth, by new Trades: Others will be employed in enlarging our Knowledge, by new Discoveries in Nature, or new Contrivances of Art, others in refining our Language; others in improving our Morals, and others in recording the Glories of your Reign, in immortal Verte.

THE Work I here prefume to lay at Your Majefty's Feet, is an Attempt towards a Survey of the Republick of Learning, as it flands at the Beginning of Your Majefty's audificious Reign. We have here the Boundary that circumfecthes our prefent Profpeet's and feparates the known, from the unknown Parts of the Intelligible World. Under Your Majefty's Princely Influence and Encouragement, we promife our felves this Boundary will be removed, and the Profpect extended far into the other Hemisphere. Methinks I fee Trophies erecting to Your Majefty in the yet undifcover'd Regions of Science; and Your Majefty's Name inferibed to Inventions at prefent held imposfible!

I am, with all Sincerity and Devotion,

May it please Your MAJESTY,

Your Majesty's most Dutiful,

and Obedient Subject,

and Servant,

PREFACE.

Is not without four Concern that I put this Work in the Reader's Heads; a Work for difference of the age of the second of the Reader's Heads; a Work for difference to a fingle Perfora's Experience, and which might have employ d an Academy. What adds to my Jealouly, a the little mediator of Time allowed for a Ferformance to which a Mark whole Life fearer forms equal. The bure Vocabulary of the Academy data Grafa and the Dictionary of the Prote Academy data Grafa Subject, as it falls front of 'em in number of Years, or of Perfore employ's.

THE Reader might be here led to fingles flowering of Differentity; and think I first par a Book upon him, and then give him Reafons why I flouid not have done it—But his Sufficient will case, when he is apniary, and then give him Reafons why I flouid not have done it—But his Sufficient will case, when he is apin any former Work of the Kind in lengaged, which, in one Send, are lugarior to what had been known
in any former Work of the Kind in the gradually midd by our userning, of contes, to the Berefit of this,
I come like an Heir to a large Patrimony, gradually midd by our survey, Channer, Marriy, Channer, Marriy,

Wolfer, and many more have done, has been following the Trenson, Destan, Channer, of particular Dictionaries which contributed their Share; Lexicons on almost every Subject, from Medicine and Law, down to Heraldry and the Manage.

and Law, down to Hershilty and the Manage.

Yet this but a Part. I am far from having contented my felf to take what was ready procured; but have augmented it with a large Accession from other Querters. No part of the Commonwealth of Learning, but has been trafficled to on this Occasion. Recome fine been lad to the Original thersifiest on the feveral Arts and the control of the Commonwealth of Learning to the control of the Commonwealth of th

made in thefe last Years. I floudd produce Instances hereof; but I hope this would be needleft, as at that there are fow Hages which will not afford feveral.

SUCFI are the Sources from whence the Materials of the Prefeat Work were derived; which, it institutes the prefeat which is the state of the Hages of the Hage its, as a System from a Cento.
THIS we endeavoured to attain, by confidering the feveral Matters not only absolutely and independently,

TFH1S we endeavoured to attain, or confidence are several southers not only amountey and morp-moneuty, as to what they are in themselves to this for relatively, or as they reloged each other. They are both treated as for many Wholes, and as for many Farts of some greater Whole's their Connection with which, is pointed once by a Afformat. So that typ a Counter of References, from Generals to Particulars, from Premist to Particulars, from Premist to the Counter of References, from Generals to Particulars, from Premist to the Counter of Premistration of the Works and the Kenryl Articles of the Works and the Kenryl Articles of the Works and the Kenryl Articles of the Research Counter of Counter of the Works and the Kenryl Articles of the Research Counter of Counter of the Works and the Kenryl Articles of the Research Counter of Counter of the Works and the Kenryl Articles of the Research Counter of Counter of the Research Counter of are in some measure replaced in their natural Order of Science, out of which the Technical or Alphabetical

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one had removed them.

FOR an Inflamence—The Article ANATOMY is not only confidered as a Wiele, i.e. as a particular Combination or Syftem of Idea; and accordingly divided into its Petrs, Humans and Comparative: and Humans again faddivided into the Analysis of Solid and Flaids, (which are referred to in the feveral places in the Book, where they themselves being reasted of, refer to others full lower, and fo on) but allo as a Part of Massicardial of the Solid and Flaids, (which are referred to in the feveral places in the Book, and which is fell refer to another higher, \$Gr.—By which means a Chain is carried on force ordinal to force and which is fell refer to another higher, \$Gr.—By which means a Chain is carried on force and the state of the Solid Research and the Soli Name or Term that denotes the whole Art.

And the leaf to the desired the whole ARL. The Elements or Data in one Art, are ordinarily qualita in fome of the finding the real base of the finding the real base of the findings. The base of the findings are familied by Namad Hijara, Phylick, and Mechanicis; and Anstony may be conflicted to the findings in the finding the finding of the finding are finded to Medical the findings are finded to the findings are finding the findings and finding the findings are found that the findings are found to the findings are findings and the findings are found to the finding

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I'll may be even lid, that if the System be an Improvement upon the Dictionary; the Dictionary is fonce
Advantage to the System; and that this is perhaps the only Way wherein the whole-Circle or Body of KnowAdvantage to the System; and that this is perhaps the only Way wherein the whole-Circle or Body of KnowAdvantage on the Control of the

and amplified to take in fo large a Structure, can have but a very general, indiffinguishing Perception of any of the Parts.—Whereas the Parts are not less Matter of Knowledge when taken legarately, than when put together. Nay, and in firtherids, as our less are all Singulars or lightfords, and as every Hing data exists one; it feems more natural to confider Knowledge in its proper Parts, i.e. as divided non legarate Articles denoted by different Terms; than to confider the whole Affanthalipe of it in its automit Composition, which's a thing is the proper parts of the proper parts.

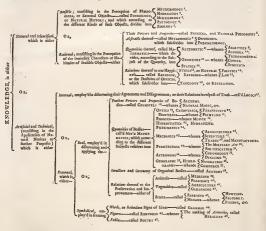
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A ND yet the latter Way must be allowed to have many and real Advantages over the former; a which in A ND yet the latter Way must be allowed to have many and real Advantages over the former; a which is a real former of the former. The former is a part of the former is made and the former is made and the former is immediately applied to H-free is a few former of the former is immediately applied to H-free is a few former on the declaration of the work of the former is immediately applied to H-free in the former is the former is a few former is a few former in the former is a few former in the former is the former in the former is a few former in the former is a few former in the former in the former is a few former in the former in the former in the former is a few former former in the few former in the former former in the few former is a few former former in the few former in the few former is a few former former in the few former in the few former in the few former is a few former former in the few former in the few former is a few former former in the few former in the few

In the view we have endeavoured to give the Sublinear owner would allow us to practice.

In this View we have endeavoured to give the Sublinear of what has been higherers found in the feveral Branches of Knowledge both natural and artificial; that is, of Nature, field, as the appears to our Scalles; either Romanouried on the Sublinear of the Su

and to each other; will affift in reftoring 'em to their proper Places, and connecting 'em together.



THIS is a View of Knowledge, as it were, is femine; exhibiting only the grand, confituent Parts thereof. It would be endlist to purise it into all its Members and Ramifications; which is the proper Bufine's of the Book it felf. It might been, therefore, ferm fufficient to refer from the fever Head that deduced, to the fame it the Court of the Work; where their Divition is carried on. And yet this would forencine prove inconvenient of the Book on another: To five node all Matter mit go a long Creat, and be bandled from one part of the Book on another: To five node and the Book on another: To five node of the Book on a Note in the Matter.

gia 3 but this is a loofer numeer, to prevent the Ernburrafs of an Analytis fo complex and difficien as this must prove. Some of the principal Hearts of each Kind will here come in fight, and data set in must play length, and lead to the reft 16 that this will afford the Reader a fort of Summary of the Whole: And as depoted time will differed a kind of antiking or faced-anoson. Order throvout the Whole; the numerous Arcicles comincted, all naturally enough ranging themselves to their proper Places among toke. A Decill of this Kind Marrish of the Book in our View, but all other of a Directory, by indicate of General, by predicting the dispreting conductory and in...—Note, then, That the midd Articles here, tally to the final ones of the Analytis and the feeral Marrish or brevol, are for many Heads in the Book.

- TMETEOROLOGY, or the Hiltory of A12 and ATMOSPHIRE including, 1°, that of its Concents, Ælfer, Fer, Feryor, Exchallating, &C. **, Metcors form! threely, as Claude, Rein, Salvery, Drej, Snew, Hall, Drey, Damy, &C. Rainslew, Parkelien, Hale, Thomas, Warr-Goor, &C. Windt, New-Jess, Harricone, and the like.
- A HYDROLOGY, or the History of WATER; including that of Springs, Rivers, Acidale, &c. of Lake, Sea, Ocean, &cc. of Tides, Delage, and the like.
- 4 PHTOLOGY or the littlery of T.L. as 1, thirt Oxigin in the Sol, Princip C. Talet Kinds, 1, pro. Plon, Rev. Tamer Kinds, 1, pro. Plon, Rev. Tamer Kinds, 1, pro. Plon, Rev. Tamer Kinds, 1, pro. Plon, Rev. Parts, at Man, Admirant, 79thy 4, pro. Plan, 1, Selfach, M., Ce. Pitra, at Man, Admirant, 79thy 4, pro. Plan, 1, Rev. Plan, 1, Rev
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- **MATAPHESICS, or the Dodrine of Eu s, 15foor, 25foor, 25foor,
- ⁵ ARITHMETIC, inclusing the Dodrine of Discretifue Collisions Quartity, via. Nomber, Ratis preparing, Ec. Nicol. 2 hours, Princip. Series, Series, Co. Relation, 2 serie, Princip. Series, Series, Co. Relation, 2 serie, Princip. Series, Cols., Sc. Ratis or Operations thereof, as Notation, Sourcation, Addison, coloration, Ser. Endeline, Princip. philosophics, Operation, Advantages, and Conference on Computing Series (Series Series, Series).

- 9 ANALYTICS, or the Refolision of PROBLEMS by Species of Symbolical Expreditions: Rules or Operations hereof, adddations, Subtralling, Minightains, acc. Application thereof, in Cambinations, Fernmantions, Margie Squares, Chanter, Commy, Sec. 24, Verla, Progregions, &c. Marinett de Maximit, Plaximas, Exposumente, Tangenia, &c.
- to ALGEBRA, or the Doctrine of Equations; Simple, Smalestin, Gubic, &cc. Operations thereof, as Reduction, Confirmation, &cc.
- Fordins, Sc. 1988. The North Color of Extingible Color of the Colo
- ¹³ STATICS, or the Dubrius of Morra on 1 to Lour, Pelodry, Montanous, Occ. Casien, as Greevip, Peruglius, Communication, Sc. Modifications, as Composition, Peruglius, Dubrius, Pelodrius, Reprintion, Sc. Kinda, as diene, Driven, Constitution, Pelodrius, Reprintion, Morra, Kinda, as diene, Drivinian, Origination threaten, in Levey, Serva, Sc. Fendakow, Projektili, Sc. Operations dischab bareby, as Commery, the Mechanical driv, Sc. commerceated needles.
- U ETHIC \$ or the Confideration of Natural Inclination, Pagfons, Taffer, &c. Objects thereof, as Good, Fool, Virney, Pos., Reseay, Defirming, &c. Paglang, Rum, &c. Retlinder, Basing, Confinence, &c. Law, Objection, &c. Will, Liberry, Action, Affons, &c. Nerofly, Permission, Providence, &c. Syttems betterf, Sovietion, Paternifon, Academy, Cymic, and the like.

IMIGHT here have ealed my Preface; and perhaps the Reader would be willing enough to be than offinited. But forcetling has been already furted which will require a further Disignification.—The Distributions we have made of Knowledge is founded on this, That the Gerval Branches thereof commence either Art or Science according to the Algority or Nonaganary of the human Mind in refusite thereof: It remains to take the Matter according to the Algority or Nonaganary of the human Mind in refusite thereof it remains to take the Matter according to the Algority of Nonaganary of the human Mind in refusite thereof it remains to take the Matter according to the Algority of Nonaganary of the human Mind in refusite thereof it remains to take the Matter according to the Algority of Nonaganary of the human Mind in refusite thereof it remains to take the Matter according to the Algorithm of Nonaganary of the human Mind in refusite thereof it is not a supplied to the Algorithm of Nonaganary of the human Mind in refusite thereof it is not a supplied to the Nonaganary of the human Mind in refusite the Algorithm of Nonaganary of the human Mind in refusite thereof it remains to take the Matter according to the Algorithm of Nonaganary of the human Mind in refusite thereof it remains to take the Matter according to the Algorithm of Nonaganary of the Nonaganary of Nonaganary of the Nonaganary of Nonag up a little higher; and explain the Reason and Manner of this Operation. To consider Knowledge in its Princi-

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shift, Project, Temps, Adenter, Marton, Cornell, A. Masser, A. Martin, C. Cartan, S. C. Martin, C. M. Martin, M. Martin, M. M. Martin, M. M. Martin, M. M. Martin, M. M. Martin, M

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Anthologue, Prathofu, Particles, &c., Marenite, Jacobite, Tho-mann, &c., Armensan, Coloni, Solitary, &c.——Scelv, and Here, En: as Manithese, Guofter, Arium, &c., Ebinnier, Nghream, Mil-lenanis, Quarridocumen, &c., Mantaniji, Socialum, Arminans, &c. für ; an krainlan, Graften, Azima, Sc. 2 Salamire, Johrsman, Medicana, Bernaldana, a. C. Strangh, Seriana, Aminana, Seriana, Seri

LOGICS, or the Confideration of Ibras or Norions; Ψ. LOGICS, or the Confidencies of 151x to 78 ×110×16 at 16 to 15th Kink, isonic, product, Advanta C. Dipfishion, includes to Christians, includes the Thirties of the Confidencies of the Confidencies of the Confidencies of the Confidencies of the Advantage Profession, Problems, Talente, Talente, Phyline, Parkine, Particular, Parkine, Parkin

"HYMSTRY, including the Ulk of First, Ware, Italia, Persona, Radiosani, Francus, Pater, and First, and First, Ware, Italia, Francus, Marie, and St. Harris, Pater, St. Scholler, Pater, St. Scholler, C. Scholler, Pater, St. Scholler, St. Scholler, Pater, St. Scholler, Pater, St. Scholler, Pater, P

¹⁹ OFTICS, including the Laws and Confidention of Y 1 2 1 0 N, and Frijike Objetity, effected by means of Light, in Eays. Their Remajikhes, Redisting, Ret. Front, Tennylamen, Opening, Sandrus, &c. — Retaileding, the Event Tenylamen, Opening, Sandrus, &c. — Retaileding, in Lens. Frijike, Leisterie Cjolisk, C. — Retaileding, in Lens. Frijike, Galija, &c. Application, in Talifate, Mongleine, Magic Landson, &c. Spellade, Felomijon, Polykoden, Control Officera, &cc.

so PERSPECTIVE, or the PROJECTION of Points, Lines, Planes, Scc. in Scenography, Orthography, Ichnography, Anamorphofis, &cc.

81 PAINTING, or the DESIGNING of Objects in Clair-offours, Proportion, &c., with Ordonnance, Expression, &c. Curumilizaces hereof, Artitude, Courtest, Groop, &c. Kinds, Linning, Ministure, Cannence, Fresco, &c., Enumelling, Mosais, &c.

⁴⁴ FHON 1CS, or the Dollries of SOUNDA, Print, &c. The Modification in July, Science, Hilliams, Co., The Language, Print, Co., Company, Print, &c. Company, Co., Company, Dr., &c. Company, Co., Modulation, &c. Inftruments, Organ, Bell, Trumpes, Lyre, Cymbal, Violin, Harpfichord, &c.

⁴⁴ PNEUMÄTICS, or the Confideration of the AIR; its Winjak, Denfry, Preffure, Flaffitty, &c. Candenfatine, Rarefacilies, Merian, Mind, &c. In Advance, Sallow, Pronoun, &c. Mon-fard by Buerneter, Thornsonter, Bygrinstir, Idamonter, &c. Amenanier, Manhaill &c.

*5 MECHANICS, Including the Structure and Contrivance of MacHINE, as Ribert, Strategier, Pally, Polylogi, Sec. Wirel, Class, Wrate, Franking, Spring, Field. Sec. Clarifysia, Casab, Rosa Caste, Edward Proposal Matien Sec. 1921. Profit, Vine. Lath., Caste, Windlife, Sec. Operations of Vulnitaries, Driving, Physic, Sec. 1921.

ples, antecedent to fach later canno of ours; and even purfue it up to its Caufe, and fives how it exists there, before it be Knowledge; And to trace the Progress of the Mind show the Whole, and the Order of the Modification induced by it. This is a Definement, inheritor force extempted; but which we bendefund here define energy upon, on account of its immediate Relation to the prefer Defigs. The the Bulls of all Learning in general; the great, to be four Hings, on which the whole Exprehencial curren.

87 S.C.U.LPTURE, or the framing of Status, Figure, Ornament, Scc. in Relative, Cents, Rec. as Carsing, Pettery, Perelain, Sec. Engagewing, Seal, Day, Scc. Ecklosing, Garting, Menze Times, Sec. Engandery, of Bell, Latter, Orehanne, Sec. Coining, Manay, Med. Handlibn, Sec. Pile, Legnel, Sec. Layldary, Turnary, Inlaying, Pantering, Demonspracing, Statuslings, Sec.

²⁰ PYROYECHNY, or Artificial FIXE-Work; including the Confideration and Ufe of Geo-pander, Match, Pafes, &c. Of Orimance, Cannow, Geo., Morton, Sec. Garriage, Cherge, Projection, Range, Prims-Hands, Rossel, &c. Petard, Garcafe, Shor, Essob, Granado, &c. Recket, Start, &c.

Rath, 1869, 26.

3. MILITARY Art, including the Confidencies of An-MILI, Mark, Gradys, Spileary, See. Confiding of Regeners, Austra, Blant, Gradys, Spileary, See. Confiding of Regeners, Spilear, Confidencies, Carlon, Spilear, Spilear, Spilear, Spilear, Carlon, Carlon, Carlon, Spilear, Spilear, Spilear, Spilear, Spilear, Carlon, Carlon, Falland, Fallan, Spilear, Spilear, Spilear, Spilear, Charlesto, Fringhay, Spilear, Spilear, Spilear, Spilear, Charlesto, Fringhay, Spilear, Spilear, Spilear, Spilear, Charlesto, Fringhay, Spilear, Spilear

³⁴ FORTIFICATION, or the Confluction of For-TRESERS; as Gladel, Caffle, Theory, See, Pert, Star, Reducts, Sec, Works, or Parts thereof, Rampar, Baffle, Dittle, Countrfary, Cartain, See, Rawlin, Han-work, Greun-work, See, Approaches, Trench, Say, Mine, See, Line, Parallel, Greunwellesins, See, Bassey, Annals, See.

Na ATTRO NOMA, on the Stellane of the Hailand and Attraction and A

³¹ CHRONOLOGY, or the Doftrine of Time, meetfard by Yarr, Astudy, Week, Days, Haw. Ags, Period, Cycls, &c. Commencing from Epoles, Creating, Higher, &c. Laid down in Fifti, Almanets, Calender, Julius, Gregorian, &c. Accommodated to Fauly, Fariz, Eufer, &c. by means of Epath, Golden Namber, Dominical, &c.

34 DIALLING, including the Furniture and Projection of Dialing, Reclining, Description, Reclining, Description, Sec. Mono-Dial, Bing-Dial, Berediffical, Sec. Influences, 2s Declinator, Analogous, Seales, Sec.

IS GEOGRAPHY, including the Doftrine of the EARTH, or GLOIR: its Circles; Parallel, Tropic, Harizon, Anis, Poles, &c.

Its Zones, Climates, &c. Its Places, their Longitude, Letitude, Difttance, Elevation, &c. Inhabitanes, Antipodes, Aberigines, Trojbalites, Afti, Perifici, &c. Inftraments relating thereto, Globs, Map, &c.

58 NAVIGATION, or the Confidention of SALLING, its 98b, Prigat, Robe, Ce. Pass thereof, Mod., Andron, Sold, Tardy, Gordoy, coglan, Radder, Deck, Ce. Their Gurfe, Bossel, See Green Or Comply, Studies, Parietan, Sec. Directions, Language, Carran, Sec. Dilazes on International Systems, Confidence on International Conference, Language, Latura and Squadenas, See. Woughly to Gener, Cohen, Accessing, Sec. 2007, Sec. The Operations of Sandang, Waylong, Carrange, Sigila, Bury, &C.

J. COMMERCE, or the Affirm of MIXECRARIZE, in-classification, some private face a none force, solidate, house, for death, house, force face a none force of the first face of the face

M. NATONY, or the stability of hystest, Eurist's inditul? A FT will be there, in Consister of Privring, Athing, February, Editor, Schotter, Lee, C. Thiri, correlation, Aprilly hyman, Thirt, Eventy, India, Sentin, So., Thiri, correlation, Aprilly hyrent, Cantillay, Colonian, Sphiller, Sen. Philip Lender, Sen. Perpenditor, Poplar, Sential, Schotter, Charles, Schotter, Paris, as Care, Perez, Typedo, Cervid, Sc., Glosly, and Persona, Paris, as Care, Perez, Typedo, Cervid, Sc., Glosly, Adapter, Schotter, Colonian, Andreas, C. Newest, 1990., Globary, Adapter, Schotter, Colonian, Andreas, C. Newest, 1990., Globary, Adapter, Schotter, Colonian, Andreas, Care, Schotter, Charles, Larges, Globady, Eng. Pepil, Taylaman, Torque, Toda, Paller, Larges, Globaylant, Maley, Banks, Milder, M. T. Geldons or Optimizabered, Reference, Marchaelle, Schotter, Larges, Schotter, Marchaelle, Marchaelle, Schotter, Marchaelle, Schotter, Marchaelle, Marchaelle, Schotter, Marchaelle, Schotter, Marchaelle, Marchaelle, Marchaelle, Marchaelle, Schotter, Marchaelle, Marchaelle

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44 AGRICULTURE, or the Dilage and Improvement of SOLIS, Clay, Sand, Earth, Sec. By the Operations of Pingdings, Elliuming, braining, Sandwider, Saniony, Manuring, Soc. To produce, Circa, Himp, Plas, Lianura, Enfron, Sec. For Idelli, Strai, Oct. Granup, Tipping, Sec. The Column of Term, Timbing, Sec. For Hearing, Johns, Barking, Sec. For Ophin, Parils, Paddeck, Bidge, Padjare, Sec.

or 44 GARDENING, including the Culture of Hunzi, Flowcc. ers, Fruits, &c. as Dwarf, Standard, Scone, Wall, Effalur, Sallad, &c.

TO be a little more explicit-Werds are the next Matter of Knowledge; I mean, of Knowledge confider d TO be a little more explain—lifest are the next Matter of Koowledge; I mean, of Koowledge confided as it now thank, communicatio, or caughe of being translituted from one to monder. We floud have known many Things without Language; but it would notly have been fach Things as we had form or percived our affects. The Observations of other could no way have been fach. Things as we had form or percived or affects, a comit for himself, excluding the contract of t nose, tast, as the chief vecations of its Universities were file of the time film with those of other Affinish's the probable his Knowledge would not have been very different, whether we confider in Quantity or Quality, Tis confided that all our Knowledge, in its Origin, is no other than Sente, wherefi it fiscall follow, that one Being has no natural Advantage over grander in a Displacetion for Knowledge, whether has what it has in

the fuperior Number, Extent, or Acutencis of its Senfes. TIS, in cities, to Language, there were the state of the what we call Science. By means hereof our Ideas and Notices, no Language date on an altare morely personal, and adapted only to private list, a real least and Notices, no Language their flook: and thus, by a kind of fecond Science, we get Ferceptions of the Objects that are precised by all Mahainds; and are perfects, as it were by proxy, to things at all Diffusions from m: We hear Sounds made a thouland ferrar ago, and fee Things that pais a thouland Miles off. If the Engle really fees, the Rivers finestly, and the Harry Sounds of the Carlos of Language, over the whole Colon. They fee with their own Eyes only; we with those of the whole Species—In clieck, by Language, we are upon month the firms forcing in retpect of Knowledge, as if each individual had the natural Science of a thouland: an Accuffion which also ment have fet as far above any other Asimals. Bake the then times that very acceptance of a mahadised Exactly of ordering and arranging ("en so of atthrecting, or making one a Representative of a Number; of comparing "em togother, in order to learn their Relations; and of compounding composing "em, of atthrecting, or making and Publisheirings," And hence artic Diffrairs, Thursting, the proposition of the compounding composition of the control of the Conference to be thereon on of doesn. It follows, that the Control of the feveral Notices of the People among whom it tokains: I mean of the Primary or additional control of the feveral Notices of the People among whom it tokains: I mean of the Primary or additional control of the feveral Notices of the Notice Notices and the Notices of the Notice Notices and the Notices of the Notice of th TIS, in effect, to Language that we are chiefly indebted for what we call Science. By means hereof our

cabulary of any Language, is repretentative of the several sources on in Acode, unlong which it tools in a mean of the primary or ablosite Notices; for by the Confirmation of their Words with one another, a new Set of feendary or relative Notices are express — To onero better into this, it is to be observed, that the feveral Objects of our Senies, with that other Set of Things analogous hereas, the proper Objects of the the feveral Objects of our Senfes, with that other Set of Things analogous bereton, the proper Objects of the Imanipation, are reprefected by fired Names **, denoting, serious of tem, Individual **, 10 colors, Rinds ; 6.2*.

Now, ticke, which make the first or fundamental Part of a Language, 'to obviecas, are no other han Reprefestation of the Words of Nature, as after perit in a laid of till lide, or in a State of independency
one upon mother. Bet in regard we do not confider the Creation as thus quickent, but obligive as great
member of Manutons arise in the Thingap we are converting and the distributions which they are overing, with
framing another Set of Words, to experts distorted and the Admin to White Hayer owing, with
the feveral Greatination and Arise are and thus must confound Deferitions the framest commontare.

**Let Senfer Conflitution, and shown in Action; and thus may occasional Descriptions be framed, accommodate to the prefent State of Things.

restores. State of Things.

HENCE are five to Kinds of Knowledge; the one abjuint, including the flanding Phenomena: the other relative, or studyinds, including what is done, or pulfes, with regard to them. The former is in forme Scale permanent; the there morely transforce, or historical. The first a held portion, as heaved obtered, in the Vocabulary; the Feoral vague, and undersamfurible by any Bounds to being what has the other Books extent. In order, this hist, bong in 10 combanton of the former, furnities a new Accession.

IN the wide Field of Knowledge, appear fone Pars which have been more cultivated than the relt; either on account of the Goodnés of the Scal, and in early Tillage, or by recipitor they have fallen another the Hands of industrious and able Hashandmen. These Species, being regularly lad out and planted, and conveniently circumstirely for fenced road, make what we call the day a figure to the chiefly confide. The Boonds have been caleged from time to time, and now Acquisitious made from the adjoining Walle; but fill the Space

‡ Appellatives.

The Operations of Planting, Transflanting, Replanting, Wastering, Engraling, Installating, Printing, Printing, Printing, Printing, Revening (Jagaria, Righes, Came, occ. The Use and Ordering of a Bist-led, Green koops, Smittary, Nowfore, Gardon, Pinayard, &c. Thois Engalier, Wall, Interneual Schier, &c. In Idla, Greigheite, Terman, Quinciann, Parterre, &c.

A MAN AG, Ischalleg the Conference of Houses,

MAN AG, Ischalleg the Conference of Houses,

80. Alex, 20 Felt, Derevelt, Green, Geprick, 80. did,

80. Alex, 20 Felt, Derevelt, Green, Geprick, 80. did,

80. Alex, 20 Felt, Derevelt, Green, Geprick, 80. did,

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Reuthley, Rodeling, Golder, Sci.—Invest. Estevite, Host,

Rectalizing, Califor, 60. Fly, Flattent, 60.—Invest. Estevant,

Felt, Filter, Filters, 80. derfest, Host, 80., Flatt,

80. Rate,

90. Rates, 80. Rate,

80. Rates,

80.

AS GRAMMAR, or the Confidention of Language and English, Latin, Corel, Safren, Parel, phy, 8cc.

45 RHETORIC, or the Means of PRESUNSION; 24 Invention, Application, 19th, Plant, Argument. Palling, Manney, Lower Commission, Application, 19th, Palling, Manney, Co. Electric, Goldinas, Soyle, Northery, Oc. Electric, Soyle, Statistics, Statistics,

48 HERALDRY, or the Confideration of Coats; confid-ing of Stild, Charge, Figure, Scc. 20 Crig., Chevera, Brad, Pad, Scc. with Adamson, Difference, Stanering, Scc. Composite of Color, Menda, Prints, Scc. Bore on Efforchess, Midd, Scc. Accompanied with adjancery, Bridges, Criff, Manthing, Morre, Scc. Device, Em-leten, Zaiso, Engens, Crc. And deferbed by Materia

Teng, atten, nemnya, nemnya

of Ground they possible is but narrow; and there is room either to extend em vality, of to by out new once. They shew like the Cyclades as a diffuser is objected from matter in Gogiet copies of the Cyclades and the Cyclades as the Cyclades of the Land of Science, like that of the Fance of the Earth or Heaven, is wholly arbitrary and occar of the Land of Science, like that of the Fance of the Earth or Heaven, is wholly arbitrary and occar ford in the Land of Science, like that of the Fance of the Earth or Heaven, is wholly arbitrary and occar fords, and might carly be broke throw, and larefu, and perhaps now wholen atlantage. Had not effected and Copie lareful the Division of the Globe had doubted been very different from what we now find it; and the Cale vanishing of Knowledge were as fearns and Ill concerted as basis of the first Generaleses and the contract of the first Generaleses and the contrac the Cale would have been the fame with the World of Learning, had no fack Perfon been been as drighted. The first Division of Knowledge were a faciny and III concerted as those of the first Congruphers and for the like Restines; And the future Galankin's and "Learning, by opening new Tracks, have carried our Knowledge as great way family the work of the control of the control our Knowledge as great way family that the control our Knowledge as great way family that the control our Knowledge as great way family that the control our Learning and the control of the control

www. M.R.T and Science are indeed two Words of familiar Ufe, and great importance; but, I doubt little underhood. The Finishophers have long board to exhibit and affectation their Notion and Difference. Its all derhood. The Finishophers have long board to exhibit and affect explanation of the support of t

AR 3 and 2 stem our melocd are Works of familiar Ufe, and great importance; but, I doubt link and a state of the state of

gruny and the atter, a particular one: The former is pure and abbolate his kind; the latter tinged with formerhing foreign and complections.

TIS eliential to 4th, therefore, a collection of the properties of the Perfor from whom it proceeded, and the confequently there are a many. And a Inversion of Methods of performing, we doing things. Hence, there can be also the collection of the proceeder of the collection of the co

AN Art and a Science, therefore, only differ as left and more pure: A Solute in a Sythem of Dodation manufact of the Property of the Property of the Art Art, on the Contrary, requires a number of Data and Poblasta to be familial from without, and never goes any height, but a terray turn is in reck new ones. The the Knowledge of Perception of their Data that is one Senie confitants the Art; the reft, that is, the doctional Part, is of the nance of Science, which standier Resino alone will defry. A N Art, in this light, appears to be a Portion of Science, of general Knowledge, conflict d_i not in Science, but with relation to its Germalhares, or Appendages. In a Science, the Mariel Ottook directly backet.

AN Art, in this light, appears to be a Potton of Scorket, of gendral Anomelogy, consider it, not in facilit, as Science, but with relation to its Circumiliance, or Appendigue. In a Science, the Mind blook directly tackward and correctly and the Circumiliance of the Appendigue in a Science, the Mind blook directly tackward and considered and the Circumiliance of the Stream in not condidered with regard to it fell, but only as it concerns the Circumiliances of the Works: every one of defe Works, may each predict the Circumiliance of the Works of the Stream in not condidered with regard to its fell, but only as it concerns the Circumiliances of the Works: every one of defe Works, may each predict the Circumiliance of the Works of the Stream in considered with the Circumiliance of the Works of the Circumiliance of the Circumiliance of the Works of the Circumiliance of the Circumiliance of the Works of the Circumiliance of the Circumiliance of the Works of the Circumiliance of the Circumiliance of the Works of the Circumiliance of the Circumiliance of the Works of the Circumiliance of the Works of the Works of the Stream in the Circumiliance of the Works of the Stream in the Circumiliance of the Works of the Stream in the Circumiliance of the Works of the Stream in the Circumiliance of the Works of the Stream in the Circumiliance of the Works of the Stream in the Circumiliance of the Works of the Works of the Works of the Circumiliance of the Works of the Works of the Works of the Circumiliance of the Works of

Genins, Humour and Caprice of the Engineer who halt the Drigor.

THE/SE are for many different Character, or Conditions of Art and Science: But there is a Difference between 'm prior to any of thefe, and of which thefe are only Confequences. The Origin of 'em all lies higher, in the Principle of Africas or Operation above feedful, a muchly, as the Maig is either active to perfect the principle of Africas or Operation alone feedful or the properties which flow from the Nature and Conditions of Thirgs, by the ide Agency office Author thereof; of the Content, those Things belong to Art, wherein fach Science or Perception is fertite modified and circumstanticate in our Maid, and direction and opplied by us, to purchase Purpose and Occasions of Ours: And, on the content, the Condition of Thirgs belong to Art, wherein fach Science or Perception is fertite modified and circumstanticate in our Maid, and direction and opplied by us, to purchase Purpose and Occasions of Ours: And, on the content of the Art of the Art

TROM this View may appear the deficiency of that ethablished Definition of Art; \$Ar of bailtim mentil can rettle arisine specimens; A habite of the Mind operative according to right Reafon; which is evidently taken from a partial Condition of the Subject. If it be the Character or Condition of Art to proceed according to right Reafon, the more and practice his Reafon, the more profit the Art. But, in a great cancering to right Reafon, the more and practice his Reafon, the more profit the Art. But, in a great and Perfection.—That is in Poetry; a Man that would undertake an Ode, or an Epic Poem on the frength of his Reafon, would be mainriably out: All his Efforts would never carry him above the humble Sphere of Verification, where he must be contented to wait for an Impulse of another kind. So far is Reafon from leading the way, that is can facter follow as a dallinace, for an to keep in fight. The Principle of Manches and the content of the process of the property of the profit of the protect of the property of the profit of the protect protect of the protect protect of the protect protect of the protect of the protect p

to all Men in a greater or less degree : Philosophers have a little of it, the Poets a great deal, but the Lunaticks

to all Men in a greater or lets degree : Pinnooppers have a lattle of 1t, the Poets a great deal, but the Lanaricke Farcer any thing (large to fay that the Principle is precisely of the fame kind in 'em all. We are uffed to confider it, in the vow inft, a Confittenion in the latter as Diffast : In the one 'tis perpental, in the other only occational: In the one, arbitrary and uncontrolable; in the other, limited and referained. The Barque, in the one cell, stitled one of the state of the property of the p Helm or not.

Helm or not—
SOME People give more car to Authority than to Reafon: to fuch it, may not be amife to obferve, that this Dodzine is countenanc'd by the Antienra; who, is forme respects, keem to have had clearer and juster Notions than the Modzers; as being life embursed with the Jargon, and Refinements of the Richard Learning. PhiloSophy, with them, was one degree more simple, and obvious than among us. Nature was not yet covered and concerd under for more Electrication, but allowed more frequent and neuer views of the Felle-Accordingly, the Divine Plans, in his Pachetus, aftern, "That Intelligible and Manis are one and the season of the Covered and Covered and the Covered Covere

of all the antent Civickes, Longlois, declares, that "the Foot is policial" with a kind of Endudating, that he is believes he really fees what the feeslest and repredients it to to others but they can the Endudating, and "se is illicentic 1". Add, that freeling of the Ornari, he does not furple to the thiose behavanch, as froncy.

The Principle then of the Art of Pettry in forenting of the Anten Reforgs, and I know of no Art that has more of the Nature and Effence of an Art, than Poetry: Northing dust can finding, build, produce things, Get and mere is often to the Anten and Effence of an Art, than Poetry: Northing dust can finding, build, produce things, Get and mere is only the produce things, Get and the rate is colleged. Applicable, of Ear Arts, but in a much inferious Organes—And set, turning norther field of Things, forward, Poetry will force appear to have any thing of an Art in it, but rather cord by a Principle figure form or that CR Reiden, i.e. a new immediate Arction of the Author of All nature. But the first may be find of most of the color Arts; and when we fay that Art produce Effects, we mean Nature does for. The Poetr's Insagnation may be condidered as a Field, wherein the Author of all Things flowesh in the Author of all Things flowesh in Carter does for the Carter of the Carter of the Carter of the Carter of the Order of Nature.—Bette Medical the Wood of Nature.—Bette Order in Smarther of Nature and Carter of the Carter of the finding that the Order in Smarther of Nature and Carter of the Carter of the Guide of the Author of all Order is installed to the Order in Smarther of Nature and Carter of the Carter of the Guide of the Author of all Order is installed to the Order Nature and Order in Smarther of the Order in Smarthe

arise out of a fingle old one.

Plants, according to the fetted Law of the Creator, to fruitful is the Womb of Namer I New Worlds immerrable and out of a lingle old one.

THE Entire Arts, as four or call "one, i.e., the doe from which permanent Effects arise, may be confidered to the control of the control been Apothecary or Gardner in the World.

bem Apoincary or various in ne word.
WE may define the Words of Productions of Art, therefore, to be all those Phenomena or Efficis which
would not have arole without the Agency or Intervention of Man. Now Man can only be field to act or intervents, for fir at what he does is of his own Source or Principle, without being moved or directled by any elsations of the Neura's A. of fir as he is exempted from the Inflaences of any necellity Laws of Niture concurring, however remardely, no that Brief. So that it, as four Philosophers have maintained, Man were not really and unity's free Agent; there would be no fuch thing as Art, in the Senfe here underflood: but \$\delta t\$ is would only be used to that System or Series of Effects, to which Man is made by Nature, and in the hands, fubberviers a not neglic wide cault reads to be attributed to fuch Effects as any other natural Production, \$\alpha_s\$ is Hand, or Mine-and the state of the Affects are any other natural Production, \$\alpha_s\$ is all not a state of the Affects as any other natural Production, \$\alpha_s\$ is Hand, or Mine-and the Affects are any other natural Production.

ral, is subservient.

ral, is filterwised. We in the first Witters, we fhould not have known but that the whole Syflem of our MAD is not been for the Refulest as we application of Things make by form created being, in virtue or configurate of the Refulest as we will be suffered to the strength of the particular facts of flow one row entired has the strength only be particular facts of flow one more unirerful on ϵ , fixed inflatness, energing one of form more general ones, which it-fif was not perhaps the first. Thus there might be an inflatic Stries or Suberdination Systems of Nature, such more university, activities, and as we call it, more menaphical, i.e. narrer the Source of Nature, such more university, activities, and as we call it, more menaphical, i.e. narer the Source of Nature, such more university, activities, and is not call it, more menaphical, i.e. narer the Source of Nature, such more university, activities, and it is not call it, more menaphical, i.e. narer the Source of Nature such more university, activities, and it is not not necessarily the such that the such th Power and Action, than other.

SO MA EFFING Gike this, we actually fee in our own fittle Syftem: The Mineral World is fubfer-vised to the Vegetable; and this to the Animal. Mineral Mattern, under certain Conditions which bring them under the Laws of Vegetable; possition Plants; and from perticular Applications of Puzzels of Plants, Animal

Softhances arise. Under other Circumhances, the fame Matters become faiglest to other Laws, (i.e. other Actions of the Creators, for Laws are no other) and return the way they came is Animals into Plants, and their into Marenham-Northing can be more timple and uniform than the whole Difficulties in 8 Bods is only what it is, in virtue of a Law of Nature, i.e. of the Will of the Circutors and configurably the total above on all after it. Hence, a present that the same can alter it. Hence, a present that the same can alter it is the same can be presented by the contract of the contract

to wondertal a Body as time, since from a count tomore of time and Steel; or Air from the mere Difficient of a Mark. Now far Man is concerved in the Productions of Air Con Endersony are concived by Name to be Means accessory to the Law's taking place, from whence the Effects are to arise. We are part of the Chain whereby the Effect is concerded to the Cande. The Circumfineness are in our Power on which fick, and first Laws depend; and thus far we may be field to be Affrew, in the Calle of Air; supposing that there is acting place to that of the Almighty. But if there be other figure or Laws which there is acting place to that of the Almighty. But if there be other figure or Laws she therefore in the Circumfinences, and which are not in our Power, i.e. if the Circumfinens necdity to the former Laws, be themselves signoide meeting Laws, and the immediate Work of Nature 2 our Agency will desired incombing the Circumfinence of the Cande of the

fuffed fome Sophilin in the Cale, which a prefert I have not Isline to detect.

BUT having tenude the Agency of Man that sin, we must be obliged here to defift; and from the Fastive John refume the Confidencian of the Asiline costs; i.e., tail from what Art does not of us, to what it is in us or arther, from the Arts whole Source is fappeded in our leives, and which proceed outwards; to those whole Source is fappeded in our leives, and which proceed outwards; to those whole Source is fappeded in our leives, and which proceed outwards to the those should be contained be contained to the containe

come so much our own, are so affimilated to us, and as it were hamanized; that they are part of our selves, and obey and take Directions from our Will, and minister to all our Views and Purposes: of which, this of and obey and expected making Fables, is in one Senfe the highest; inatinuch as the greatest Effects here arise from the lenderest Means and Endeavours. The Poet stirs but little in the Matter; but Nature co-operates so from the flendered Means and Endeavoers. The Poet firm box linde in the Master y but Nature co-operates for flrenogly with him, that this little fillens, even to make an ew Morkia. In cliffe, the Poet freems, as it were, to fit nearor the Spring of Addison than other Men y and to have only to do with the general and higher Principles thereof, which command and dired a Number of other historiants coses, that he binniff is not wave of.—What we final fly of Poetry, therefore, will hold proportionally of all the other Arms and we have only kept to that, because the inflance or Infrarents in here confidency the parelt, and the nearest to Historian of all others. The Principle or Spring of Aury, may be find to be presented to the proportion of the Control of the Cont the Father of all Arts.—This has, indeed, an Appearance of Truth; but 'its only an Appearance: For Homer, fuppoing him the Inventor of Poetry, or at leaft the beft Poet; has no other Title to the Invention of other

the state of all Athen—In an on seven a support of the state of the st

* Cafanb. of Enthal. Tile 'Ouces practopies.

† Vid. Rapin Reflex. Decier's Homer, in Prof. Max. Tyrins. Porphyty, Heed † Pold. Perf. in Prof. ad Says. i in Dial. Ion. or abd vist Intel[®]. In Head.

were all divinely infair'd, in fome degree: which he illustrates in the Case of a Needle touch'd by a Magnet, were all owney may u, in tom copper: which he lindstrates in the clafe of a Needle couched by a Magnet, which communicate the Effect and open to mother Needle that, to a third and for my into a continual Di-white the Effect and the state of the state o

that he was injured by the Waters, or with the Fire of a Poer *;

BUT after Poerry, Relevate conse neutrel, and there molt of the Spirit thereof, even more than Critical But T after Poerry, Relevate conse neutrel, and there molt of the Spirit thereof, even more than Critical Recordingly, Palas, in his Dialogue inderhed Manns, allows that "is a we far Pythians, Prophets, and "Poers are divinvaly againsted in the 40 Contains." Electhwire he adds, "That they are certainly injury of Gods, and plainly tolkfeld." So Dien, Hallenrapfine † relates, that "Demphasa did plainly isbiline." And adds, that the Distrupter caught to among his Audience, that "they were potified a freedal hand, and adds, that the Distrupter caught to among his Audience, that "they were potified a freedal hand." and the Poerry and American that the Poerry and American that they have been a fact to the Ref. George, in the Instance of the ten the Ref. George, in the Instance of the state the Ref. of George, in the Instance of the state the Ref. of George, in the Instance of the state of the Poerry and American that the Poerry and P

Enemy and Antigomit allows a much. Including a property of the April 1997 of God; Several Hereticks are a SOMETHING like this has been obterved, even in the Cafe of Prayer to God; Several Hereticks are or record for politicing their Heavest that way. Hadde, executed for Bhiphemy under Queen Elizabeth, is faid, or record for politic property and converted many in face of their are the Developers, and converted many in face of their are the Cafe of their converted many in face of their are the Cafe of their converted many in face of their are the Cafe of their converted many in face of their converted "Texth." And Surrectar rottest, the People were perianded that "God directed his Tongue." S. Bolicewa stiffmen 1; "that on Preser are never rigin or acceptable, till the Arthor theoret Garay to use for a fixer, to five that God politifs us in form extraordamy manner." And hence the learned and pious Cofanilova Chalibles as more kind of Enthulatina, which he calls Supplicative, or Perentary; as the Cost Green solvers, and Mindfell Enthulatina, Gr. To fay no more, the Aurhor last mentioned mixes no feruple to make the control of the Cost of the Cos the Prophet, Orator, and Poet 48.

WE have here little less than a System, sufficient to account for most of the Phanomena in the Animal World, on Principles of Eusbofissia. Reason, it may be observed, has here little to do; and it should seem, that Man ought rather to be defined. Admind Eusbossialitium, than Admind Ratinasia. And yet this its-only a few, out of infinite Inflances, of the immediate Agency and Institution of the Deity. We find the famel Principle in every of liminar minates, or the immension agency and uniquation of the Locy. We find the same runique mental and needing concilion in period of the liminary and the effort of the control of t

the Conduct of Mankind.

THE Trush is, when we say, such a Thing is the Effect of Embudgine, or Inferience, psychiatry, a Image of produce Matters; (the Inferience, for inflance, of Scripture, being Matter of a very difference Confidention, and quite bridge our preduct Purpol) this does not remove it out of the ordinary Court of Clings: It focus not put it on any other Principle, different from that whereby Caules and Effects succeed each other in the physical World. We can account for the Phenomena of the Imagination, as well as those of Sentition. They have their replective Laws, like other things; which they are fullyied to i and to which we have Arts, and Proceeding appropria ted in effect, all the Infiguration here ipoke of, may be produced without any great Conjuration.—If the Reader will not take Offence at this novel Philosophy, he may be convinced of it. And 1°, in the Inftance of the Musical Kind.

ENTHUSIASM is defined, in an antient Author ††, to be "when a Person engaged in some Office of RNIFHUSIASM is demect, in an antient nutsor 11, to be "when a rection engaged in ione some on RNIFHUSIASM is demect, in an antient nutsor 12, to be come site activated, or trainported out of the simple that the site of the

the Furer Corybanticus, fo much spoke of among the Antients.

NOW, as we do not know any immediate Correspondence or Connexion between any one Spund, and any tidea; this no more frames that one lake should be excited by it, than another. There is a Law of the Creation, the control of the cont tor, wherevy a certain Order and outcomen or Thomason of the Part, is atomated the Occasion of the Certain Perception in our Minds; and as the Circumfiances of this Vibration are altered, a different Idea arises: i. e. to every different Combination of fuch Circumfiances, a different Idea is attached; to usual and ordinary Combination of the Circumfiances. to every different Combination of field Circumfunees, a different filed is attach'd is to final and ordinary Combina-tions, ordinary fleets; and no outside and extraordinary circumordinary foles. And have there is, perhaps, no life, no limage whatever, but may be nifed by means of Sound. Now, I do not know what Commo Men, it, unlefs it be, the having common fales. I felt for fire a new Perceptions are nivid in us, in Excission of the close one may be failed to be removed out of our folves, i.e., we are fo fire got into another System; in Princenema which would fill like, to mancher Perfect in 6 for different, from what they were before, and even from what they would fill like, to mancher Perfect in 6 for different, from what they were before, and even from what they would fill like, to mancher Perfect in 6 for different, from what they were before, and even from what they would fill like, to mancher Perfect in 6 for different, from what they were before, and even from what they will be the former from the set in the set of the s which the Antients feem to have fludy'd more, and underflood better, than we; was added to the Solemnity of a Temple, the supposed Residence of a God, whose Statue there stood before 'em; with the awful Rites of Invocation; accompanied with furious Gefticulations, Dancings, and all the Devices that could be thought of, to cannot a secompaneou what merous terticustoms, a sacenge, and all the Leweste that could be thought on, to felle when most above, and Readon, which we find in box first all any presentions as both, and apt to play un-tiled when most above, and remove faction of the same than the same that the same with any thing elfe, has been made to produce, and remove factied Madnet; care Evere H; defir Defens to kill themickers or their briends. The not long fine the failed mich, who had reduced the tuning of Evenja and by his Matick, into a regular Art; which he could depend on at any time 1—The Reader that has a the theory of the most of the same than the same t the Body of the Book.

^{*} Pope's Effay on Criticifm. ** Topic Effoy on Critisifu.

† Hel 7% Annab.

† Annab

x THE Inferintion of Peary in of a filler, and pure Tiked 3 and rook livid Artifice and Apparatus to produce it in an Imagination naturally disposed for it. The attentive Confederation of some incording Object, evidently differe to it is an Jamagination naturally disposed for it. The attentive Confederation of some incording Object, relating the first or it is a giant and the Gendlemon of that Enaulty have all Nature to chain out of The fined Scafins, the most agreeable Scenes, and the most moving Objects. Hence it is, that they are continually harring on the Grove, and Shades, and Gods, and Ayungh, and Darts, and Flames".—How do they rice in 'Membous trim with Dalledes, and Gods, and Ayungh, and Darts, and Flames".—How do they rice in 'Membous trim with Dalledes, and Gayland Ayungh, and Darts, and Flames and Shades and The Shades and Ayungh, and Darts, and Flames and Maide "footning to Lover pendant on a Williaw Tee, or Lady waxaning by a Kiver's Sick" Then, "Tille "and Tournaments, and Feats of Arms: Permy, and Feat, and Revelry, with Maidea and antique Pageantry: "Stories of Technic or Publy Line or the Tile of Try's direct: Of Archiver and Gashighest bodd, or Gandle "and of Algorific," and who took the wax may now expect to fee "the trol Rule, or fooked Lightning glare." Earthquarks and Tempels Eichton root in value: if by chance they do, the "ill-boding Ravery Clock" is ready as hand; or elfe "the far-off Carfew founds, of" form wide watery Store, foreigning flow with islemm root." And now for "buileft Bloos Shades, and ragged to be brown? Rucks". Next easter "hord's Stopes, and "Saricks, and Sights unloby: Geograps, and Hydre both brown? Rucks". Next easter "hord's Stopes, and "Saricks, and Sights unloby: Geograps, and Hydre both brown? Rucks". Next easter "hord's Stopes, and conting to be maded, and combined in the Imagination, with others there before yow the Efficient in from inconfederation of the Lawns of the Creater: much as intelligibly as Fire and Plane, upon mixing two chymical Lippons. include priorition of the first the

ALL that is required to the first, is only a delicate, pregnant imagination; factpetible of any seeble Impressions that may happen to be made in the Course of Things; and ready to take fire at the least Spark. The from that may happen to be made in the Counte of Things a nod rough to take from at the elled Squark. The Statement of Things and rough to take from at the elled Squark. The Statement of Things and the elled Squark of the Statement of the Square of the Square of the Statement of the Square of the Statement of the Square of

labour'd under these epidemical Enclusians. WE have already observed, the Internation is the Principle, or Source of Foerty. An excellent modern Poer adds **, that "se this which farmilless Art with all in materials is and that welshout it, Judgment it self is easier, at helt, but finell widely.—Now, this Faculty of Internation is self, is duality no other than a Delicary to example the property of the Principle of the Principle of the International Conference of the International Conference of the International Conference of Certain Ideas to the Mind's certain new Ideas arties, according to the Order of Things, it. the Comprehence of certain Ideas to the Mind's certain new Ideas arties, according to the Order of Things. The frightly that we take in Productions for new Things; and thus think we invent 'em, because they did not easify in the Order of Things, the Idea of the International Conference on the Internat

ly Imagination is led, on various Occasions, to compound its Ideas, and many of 'em so doldy and bodily, that we take its Productions for new I lings; and that this, we invert 'em, becast the typid into certift in the before in that forms; the the Matter or Elimps; and that this, we invert 'em, becast the typid in certifi that before in that forms; the the Matter or Elimps; and that the training of the training

isfjir'd by the Fumes of Lisgor—And yet I don't know whether his righty be not founded on a hisfighty-hension. If Staligor or any other Person alledge, that the Joice of the Grape may be an Occasion of fisch an Effect, it a. a Menna or Condition notedlary to make the Laws that consider no Invention tale, piles : I do not see what Religion has to do here, more than in any other Endudishin. The use of fisch a Menin, is no ways to be seen that the second of the s

"THE definition of Orders, beans most Relationston the Control of Design forcestal grounds; It becomes more decidinel, and demands more loadings, and Line." — Questifies rule in his low as Rattors to up a tright-five most by faighted y foling and gazing at the next moreable, and carefully turning things over in his Mind. but by "magning the Jodge and the Andrene perfort, and frongely reperfecting to hisself the Time, the Occions," of the Control of the Antrol of Time, the Occions, and the Control of the Control of the Control of the Antrol of Infriendon at community to that the care rule it as pleaful for the general Principle of Estatafafin, and the Control of the Control

and form: Werey, or Nambers in all Detton; much more in that or Oratory; a data sounce, it has me measured in it, but what it drives from those very Source.

In it, but what it drives from those very Source.

In it, but what it drives from those very Source.

In it, but has the context, that the tile of Mandated or the Seaths and prefett find Image to the Image or the Image and the American or the American or the Image or the Image and the American or the Image of the Image or the Image and of a pendite Percore of Imageniation, rated by an Apprehension of the Perfects of God, iff. will go a day of a pendite Percore of Imageniation, rated by an Apprehension of the Perfects of God, iff. will go a day of a pendite Percore of Imageniation, rated by an Apprehension of the Perfects of God, iff. will go a which Percles observes, are peculiarly fit to this up embalatiled Disposition. A Man that rides Pender's Herfe,

great way. We may soo, that the anterest resemes make use or Duthyramous as as toer most toleme rayers; which Powers orderees, are peculiarly fit to the open modification Dipolitions. A Man that riches Phader Morfer, which Powers were presented as the produced by Art 1, and accordingly, all the most extraordinary and unaccountable kind of Indipracion in fill behind, size that of Preplace, Be UT the most extraordinary and unaccountable kind of Indipracion in fill behind, size that of Preplace, Bernarding and the present a the one were either agreeable or difficiently, the other would be of the fame Kind: And hence a Revelocition was artificially produceable of the Complexion required: which was the very Apex of the Art. the Divination, when most perfect, really fuppored a natural Knowledge of the Thing demanded, as on the divine the Divination, when most perfect, really fuppored an antural Knowledge of the Thing demanded, and the divine the Divination of the Thing demanded and the Divination of the Thing the Divination of the Divinati

built on it.

A S to Dream, Sec. there was a Formula for 'em; the Circumfunces whereof might be appropriated to raife in the Imagination an Idea of the Thing required.—After a number of Ceremonies, the Larty was to Beep in the Temple: Polibius insolving Bratis, possumage periori. And the Priefals and not only the placing for like Body, and the firewing of his Bed; but also the Management of Odours, Soonds, &c., in the Night-time. Design and the state of the Common for the Carry, there was room enough to finger it to the Pelaette, and the Carry of the Carry o influence of a little Shew of Religion and Ceremony?—A deal more might be faid on this Head,

ledge which we do not receive from God.

^{*} Inflit. Lin.v.;
† Clerco; de Orat.
† Muhos Nemora Sylvacque, moltos Ammes aut Maria commovent,
norum futibunda mens, Cri. Cir. de Divisa.

^{**} Livy, relating the herrible Rites of the Saturnelia, fays, at Acce "would hermyon be taken as if wood, full into france familied Agi"testins of Lady, and break out inco Prophysics:" Velus mone capi
ti, cum agicatione familia corports validinate Dec. 1v. 1. 2.

NO body can imagine, that what we have hid tends to exclude God, and Providence out of the World is beat metr to edishibli, and confirm "em it is. So fir is from flowing, that the Deity has no hand in the Production of fieth and fieth Effects it that is fliven, nothing elic has any. The Whole is His; and the Agency of Man is easly effectualization. For what necessary Connection between any of the Means here ufed, and the Effect? And in whole Hand but God'ls, could fich incompetent Infruments produce fach Enals? In reality, we not only conficils in Preference and Agency in the great and extraordinary. Paramoments a but fee and admire it every where, in the most ordinary ones. Nor does this imply any thing to the Disidvantage of Reveal'R eligion, which is a Point quiet foreign to the prefers Prapels. The Infrareation and Prophecy we have findee of is all natural, and ordinary is and does not say way preclude the Disid you may not contain Laws or distinct the second of the Councils, he shall think fit to interpole: as, in the two great Dispensitions whereof the foreign Winning Fools? NO body can imagine, that what we have faid tends to exclude God, and Providence out of the World ;

watereet nut watere in the Oracles, is seen contact, and the faced Writings feed?

B UT; if we have not made Philosophy encroach too far on Religion; it may, perhaps, be objected, that we have made Religion of too mech Concern in Philosophy; in that we are contamily recurring to the denier Refort, the Deity; which is held suphilosophical.—But it is contacted what it are contamily recurring to the denier Refort, the Deity; which is held suphilosophical.—But it is the contacted what it can be a superior of the contacted of the Concern of the more ficientifical Account of the Origin of an Animal, than of a Spark of Fre. The dual System of Genera-tion amounts to more than Angonemistion; as it feepores the Animal already form?, and only undertakes to enlarge, and flow how it arrives at its Bulk. An Animalcale is to be given us, either in femine, or in evo, or we khour in with a Affiniation being all the Generation we have any blea of. We find our felves lost and bevoilder'd, when we come to claim? "How the dim Spack of Entry began," and here begin to con-feit, and mount the Imperfection of our Knowledge. As if there were any Difficulty here, which did not equally obtain in every Step of the Procest. All the difference the How. Which is a Delution of the Company of the Procests of the Procests on the Procests on emission and the Procests. All of the Procests are miss almost affirm, the were known that Thins 19-61 which we think we have the wear to the Procests. the Paradox, one might almost affirm, that we know those Things best, which we think we know the least. For that here we more immediately see the real Cause, without the Cloud and Embarass of Occasions, which at other times confound us. Occasions, are Caules, with respect to us, who only act at second hand; and the great Source of our Error, is, that we can't easily fee than't en to the real Caule. Whence, the greater number of Means and Occasions we perceive ; the further is the Caule apt to be involved, and the more Attention is re-Means and Octations we percent the industrial and the percent percent of the perc Arts, and Annua va Line, where the fame Notion when we come to philosophic, where we are lefts interested, and confequently our Knowledge pure and more abbilate. And thus we are betrayed faithly to confind the with Nature, Fig. Canje with Second; God with no referee a sul which must be done, ere the Philosophic can

commence Atheift. commence Arheift.
THIS not diffiringuishing between Cusfer and Occalions, has produced an infinite deal of falls Refinement 3 to the great detriments of our medi obvious and pulpable Knowledge. We continually over-those the Marks, and between the continual produced and the continual continual produced and the continual contin the Chain; alas he must be also present at every Link, or the Whole will fall to pieces. He is not more the Chins; alsa he mult be alio preferst at every Link, or the Whole will full to pieces. He is not more concern'd in forming the original Szams of a Feets, that in nonthings, affirmitizing, or bringing it at length to Light. We can as eight conceive the first Formation of a piece of unorganized Matter into an Antinal, as any other Potential of Nations, or even, as we cell it, of Art. Generation is effected utier the Imm manner as other Arts; and the finne Principles that will account for the making of a States, will account for that of a Child. If the Figure of a Man airfue cord of a Mad of Clay is it by any other Operation than that of Nations, which according to the Potence of a Mad of Clay; it is by any other Operation than that of Nations, which according to the Potence of Medicine, and transmitted Parts of Clay to more in this Di-cheetil, more flanding to the Figure 4 Medicine, and transmitted the Parts of Clay to more in this Di-cheetil, more flanding to the Figure 5, it is not be the form Nations affine to a service of the contraction of the Clay of the Contraction of the Clay of the Contraction of the Clay of the Clay of the Contraction of the Clay of t redition, or that; according to certain Laws of Motion, and Percuifion? And if the finne be afterwards har-derful, upon thating to the Firs; is it not by the finner Nature affinity pertain other Laws, the Set or Col-lection whereof makes the physical Procefs called Latatamary The Hand, you'll fully was the Octalion. But remarked the state of the Collection of the Collection of the Collection of State of the Collection of the Collection of the Collection of State of the Collection of redr hower inherent in the unnecess and on Corputace, cofume Boiles, give Sentations of the Relax, but a Relax and all these Properties of the Relax, but a Syltem of Laws, what in infinity of Speing mult be the Species of The No Circumfused where of the on the Angle Mark to the Relax of the thing in 8 analogous to Casio; and thus put our felves in form mediare on a forcing with the Almighty——
We know, without Light the visible Universe would ceeds to be; and without Heat, all Motion and Alciton
must be at an End; so that it may even be fail to be owing to Fire, that there is a World. And yet how
eadly is to produce what thus constains in It all Things I In effect, Fire is an Ostafin; and contributes quite
much to the Existence of the World, as we do to that of Fire. When we are obtain, we might as well go
one and the product of the World, as we do to that of Fire. When we are obtain, we might as well go
one and the product of the World, as we do to that of Fire. When we are obtain, we might as well go
one and the product of the World, as we do to that of Fire. When we are obtain, we will go
one and the product of the World, as we do to the Casio and the second to the Casio and Relations. The Poets,
from whom it was taken, fifty periodical Good, or to fair Casio and done in Sattrices. It is Proved to
William, Maraya, the Otherists of Fare's Bain's Get. And thus it in they are to be moderated, when they
William, Maraya, the Otherists of the Casio and they are to be moderated, when they

fay Jajiar did fo, and fo; Tano perfected the Trajans, Maseros inflruded Telemathus, &c., which feems to be all the Polychelin the Inventors were guilty of i, the after-Ages, not perceiving that this was the Work of Petery and Fifting, abstrally took it in another Senie.

of Peerry and Féision, shindly took it in norther Sorie.

IN cliffe, the whole Physics of the Antients, was no other than a Theology: as all jift Physics ought to be. I may even aid, that the making a Distreme between the two Schence, and ereding to more proposed to be the proposed of the Physics of the P things of either, other than by their Relations to each other.

I MAY add, that the further either of these Sciences is carried, on this sooting, the more idle and extrava-

I MAY add, that the further either of thirds Sciences is carried, on this footing, the more idle and centura-gant it will become a and that the one tends to downright Madnefs, and the other to downright Andreid. On the one hand, to make a System without a God, is nothing left than to be a God one's felf. The Audor's Imagination must hippy the Plies of a Duty, by animating the Mais, and giving Connection to the feveral Parts and Members, i.e. by ethablishing the Relation of Came and Effect, which is the very thing that denomi-nation, in the Connection of the Markov System it fell, causes after without Cod, exiling by its Laws apon the Imagine God, does at the time time furgoot him colours for the Effect; And thus what tends most directly to exclude God, does at the first time furgoot him. Code of the Code of t

a God, not to find one. "The to make an Eirich anecodent to its Guide: The to do, I am athaurd to fix wheat I AM afriad I may feem to have been too long absent from my Subject, but it has been all along in my Eye, and a little Recapitulation will convince the Reader, that we have not wander'd far our of the way.—We have theen whence all our Knowledge originally rise: 1 sta Sendation is not only Source, that what comes this way, comes by the Agency of the Divine Being; that it is further modified in the Memory altring, by the Administration of the Memory and which is called Amendary that it is continually altring, by the Administration of the Memory and the Administration of fes, and under the Direction of human Reafon.

fee, and under the Direction of human Reason.

H.R.R.F., therefore, a new Seas of the Mind, Agency, and a new Faculty thereof, Respire, come in play: the Foundation and Olice whereof, will be aferrained, by inquiring, What there is in the Artifle, e.g., Issuer's, Mind, Attendered with his infiguration or Invention, to the Production of his Poena? This will be found to refolve item, for, an Inclination, or Define to produce fome Piece, in the way of a False, that shall strong-type item, for the strong of the strong of the Piece of the Mann necessity of the End, or the Strong of the Mann seed and Medical Strong of the Mann seed o

count on ... THE Means and Meafares of an Art, make a kind of preliminary Doctrine, necessity or conducive there-op, called the Town of the Mest which, also, in one Sense, may be considered as another Art, distinct from Sector of Motion to the Most necessary of the Measure o Images and Ideas arifing herefrom, be conflicated the Occalions of fach hoof held promotes and their handless and the News confiquent thereon, orie, an Averforton Emrity, and Corte Mind of the News of orient and Art productive of their Effects, we must first fee and observe fact or the like Elicits, to arise from fach or the like Calies; and argue or infer, that 'my probable their Monison, or their languages, are the Occasion of the Corte and consider and collect the Order, Manner, and Circumfunces thereof, to form the Art, or Methods of the Corte of the Cor

BUT for all their difference, he to we are really of the fame general Nature, and Kind), and only differ in point of Degree, and Subordination; as they are nearer to, or further from, the Principle of all Knowledge and Art, Sentiacon——theore, we have flewer, we implied: I be derived his Art only from Nature aking on Art, Sentiacon——theore, we have flewer, was implied: I be derived his Art only from Nature aking on the property of the property

^{*} Totam boc quo continemur & unum est & Deus; & socii ejus fumus & membra. Epitt. 92.

THE like Process might be observed in the feveral other Arm. Those we have hitherto oliefly kept too, have been of the symbolical kind; we shall here give an Indiance in what we call the real kind, viz. Architecture.

—An Adionis Souliere, then, observing an Actor give an Indiance in what we call the real kind, viz. Architecture.

—An Adionis Souliere, then, observing an Actor give a Column on the Model Cherrol's. And by a number of like Son, an entire Onder gradually arole; and, in time, a whole Art.—Things this advanced and another Perfon Lecing a Building framed using fach manners, be attensively cannotine the leveral Members, their Forms, Perfon Lecing as Building framed using fach manners, but activately consistent the leveral Members, their Forms, over, there is the remain the Schoterinary of the Souliere and Souliere a way, there this remains the Subordination already observed between the Means, or Occasions of producing 'em's i.e. the Relies than formed being conched in Works, or Language, Supply the Office of the external Objects they were originally derived from, and approve Occasions of railing ideas or Images in the Imagination of finance Artilla, to be imitated in the proper Materials.

THE Arts, then, of Poetry and Architecture, come first in at Homer's, and Callimachur's Senfe, in the simple Quality of natural Placemomens, or Objects; which meeting with other Ideas in the Memory, or Imagination, and Quality of nazard Frazonesa, or Objects which meeting with other lates in the Némory, or Imagination, and coming to be compared an combined therewith, by the Appent of the Mearl View or Principle which fuggerfue et the making of a Porm, Cf. as advantageous and Confidentian of Reafon, certain Relations or Analogies ing which comments, which tend to propagate, and produce the like at any time.—Reafon returns Relations or Analogies and the Confidential Confid

thing they are applied to, produce Rules again.

REASON, in effect, which is the last Faculty the Matter of Art arrives at, is the first from which the KKLASON, in effect, waxen is ne sit Factory ne require to art series as, is the first with which the Form or Rules thereof, which are to propagate it, aride. In which view, Reado may be had down at the Principle of this fecondary Art, or Theory; as fungination of the primary one, or of the Matter. We fill fee the Elifed of the first Lasse, even in the latter Art: External Objects first the Stories and Imagination for the property and the principle of the the Elifed of the first Lasse, even in the latter Art: External Objects first the Stories and Imagination for the property and the property of the stories of the thus they again grow into Objects of Senfe: and fo in a Circle.

uns usey again grow mon oxigets or Sente: and so in a urrer.

THIS sents to make the two Arts differ very widely: And as Reason appears our highest Faculty, (inastmech as vis this alone that tends to produce, and multiply) and accordingly, all our Knowledge appears proportionably higher and purer, as Reason is more concerned therein the Rules or Theory of an Art, appears of infinitely neuter Consequence than the Matter thereof. The former is in found sent server, and like the Almighty Mind, tends to produce new Things, new Worlds, new Systems without end; the latter is mere Passion, and ends in

bare Brute Perception. YET, Arifoile's Rules, it must be observed, do not tend to produce Poetry; I mean, not the Matter of Poea. 1.1, stripture's Notes, it must be observed, do not tend to produce Poetry; il mean, not the Matter of Poetry but only the Form. Angladit Art in note that rof Poetry in that Senfe; as its Rolls don't tend to produce the Endufution. They only give the human Part, and relate what Reafon observes in the Productions of the Imagination, i.e. what there is in them that is a proper Object of the last Faculty, and comes under in Notice. In efficit, Poetry in only fullect to Anglada's Rules, as there is Reafon, nor as there is Infiguration or Invention in in

VERMON 40 THE Source of Poetry, we have observed, lies out of Poetry, in a higher-Ground; and to turn the Stream Upon us, is the Betinefs of this other Art of Impiration. The immediate Infigration, is not fo immediate as might imagine. It is not the ultmarker Principle of Art, but is it fell followings to mother further, or poetr might imagine. Art; fo that we must not have only Art and Rules to produce Poetry, but also to produce the Principle thereof, Infriration, or Invention. And the fame will hold of the Rules of this last Art, themselves, which will require others; and so in infinitum. At least, the Series will be infinite, if we only take our selves, and our own Agen-

cy into the Account.---

ey into the Account.—
TO clear up this a little further; it is to be observed, that the Art, e.g. of Poetry, is not only the Refult of another higher Art, as above hid down; but, as it conflits of Matter and Form; thefe are each of 'em negate solder higher Art to produce each of 'em negate solder higher Art to produce each of 'em negate solder higher Art to produce them.—The Means, for influence, necessity and the account of the Art of Poetry and the Art of Poetry refores the Art o

order Arts: and the fanc, may be fail of "earl of theft; and fo on. So that there is really an infinite Series of Arts, previous to say one, and accellenge where no all distinct from each other, thould of the fining engernal Nature and Kind, and only differing in Point of Order, or Schordinacy. They artic followindary from the fame Cault, and truth discontantly on the fame East: "Most Dear Art of the Caulty of the Art of the Caulty of the Caulty and a contract of the Caulty Our Memory fuggeds to us, that fach or the like Curies, have been followed by fach or the like Effects; which is the only Foundation we have to expeit any thing from! emo not be prefeat Oxcafinor.—Thus, if Humer's Reafon direct him to retrie into a Place free of Noife and Delivabores, at a time when his Mind is clear and in due Temper; and there to apply himfelf with Attention and Earndfenfs, to think on his Subject: In confequence of which Means, new Ideas and Images prefeat themselves; from more immediately relative to the prefence Purpole, others left: Whence comes all this, but that Humer remembers, fish or the like Ideas are now writted, to have arole upon the use of fish or the like Manas? And if, among the Crowd of Images, he chales only fish as are melt proper, and immediately encludives by a End, and throw a wife or expunge the rett, whence is this, but that he remember fish, or former denables, to have contributed more fully collable like him on of these more final? So that the whole Process appears to be like both that Remembers, and which, we know, refolves into Senfe,

BUT, Memory, it is to be here noted, deals only in past Things. It informs us, that on such an Occa-fion, fach Mears, under sich Circumstances, produced such Effects: But its Notices are merely narrative, or historical; and relate only to those numerical Mears, Occasion, Circumstances, 3ct., which can never hance

End, i. e. what farther or higher Means there are, whereby it is enabled to furnish Meafares for the prefent Exigent, from the Circumstances of past ones?——This it effects by certain Perceptions of Similated and Diffini-Esigent, from the Circumlineace of pail ones?—This it effects by certain Perceptions of Smittenia and Digitation, Parity and Industry, Respiration and Lineagratis, Deservations from the angeotrem Means, Occasion, 62: By virtue of theft, the Mind Indext, argues, or prefunes, I has "industried as fach Means were followed by food and the state of the state

makes from the mission of the present received and the Copy with all factors, to no other than utiled Lumbre.—"It is the Faculty alone that arranges our fentile falses into any thing of Subordinacy. Memory only prefers em, fash as they first appear it, wholly diffuse all, and independent of each other 1 being connected by nothing but their Comthey first appears a warmy unanteens and an appear of the preference, or Co-existence in point of Time and Place. The Etablishment of all other Relations is the Work of Reason, which, from their few fenfible Relations, infers numerous others, e.g. from the Compresence of two Things, in reflect of Time, Place, &c. it concludes that form new Appearance perceived in the one, was occasion. Image, in relject of Image, prace, Gr. it concutates that tome new Appearance preceive an me one, was occur formed by the other and therefore, that there was four flower in the intert, by which that was effected, Gr. So that, to this Faculty of Rection, we over the whole Science of Psylpides; which is no other than the Destrier So that, to this Faculty of Rection, we over the whole Science of Psylpides; which is no other than the Destrier of Caudies: At least, the Form thereof. The Matter, i. e. the Sentions themselves, being familited by Senfe, continues Natural Highers, the Ends of all Knowledge whatever. What ere now got to the Top of all on Natural Faculties, Region; and the most refined of all our Science,

W.E. are now got to the log of all our Natural Faculties, Resigns, and the most remnest or at our Scatters, Arbeity—Ir remnants to obliver, what with this Natural Resigns, is connected Moral Indication. In the Calif, for inflance, of Good to the Voice of Resign representing a Thing as field, is connected a Defer or Inflantian convent the farms, which is the Spring or Principle of all Daman Actions, or Operations; and commands a num-ber of Information core, the pullcation of all with conflattuate shutties, where the Profile of facts Good.

A RD than we are got to the baroom of all our moral Residues, Deffere or Infinitiation.—Hence, as Resign is

A ND thus we are got to the bottom of all our moral Faculties, Define or Inclination.—Hence, as Reafon is the End of Palifica, or Perception is Inclination in the Regiming of Action: The one terminating in the Appenheims of Good, where the other commence. And again, as the Perception of Analogy is the ultimate as a sever, inclinated in Faculties and the Analogy of the ultimate as a week, and the Policy of the Policy of the Palifica and the Analogy of the ultimate control as a week, produced in form middle Policy. And thus accepted to physical Haings, come to influence or produce internal, or moral ones; a thus the whole Effect of fentible Nature is applied to moral Nature. And thus do Physica take hold of Editar Good, of Man.—Hence, moral Knowledge may be confidered as a kind of Medium between Ferception, and Indination, Addon, and Palifon's Science, and Art: Accordingly, it publishs a middle revenue for the produce of the Palifica of the one immated on handed over to the other, a make Deverent the way and the Efficient of the one immated on handed over to the other.

Negoni in the City of the imparted, or handed over to the other.

BUIL, to determine the Nature and Origin of Analogy; and thew how the R Notices or Perceptions of Similitated, Parily, Sec. by means whereof Reaton makes her Conclinions, are arrived at 1 and whether they arise in the fame general manner as other Ideas, by the Agency of the divine Being, (the human Mind remaining wholly paffire therein) or whether we perceive or differen 'em immediately, by fome intuitive Power inherent in the Na-ture of the Mind; and so are active therein.—will need a little father Attention.

IT must be allow'd, then, that these Perceptions, Similitude, &c. are no proper Objects of Sense: They do not come from without, as any part of the Matter of non-Sentations: they are of no Codore, Figure, Solidity, we the files. Not do they feem to safe immediately, and necellarily, upon any Objekta being preferred; but rather to require fome Adition, or Operation of the Mind, to produce and give 'em being. The Truth is, they are not any immediate, Objekts, but refull from a Comparation between feveral; which Comparation feems to be the Work

any immediate Oljidch, bûr refult from a Compartion between feveral; which Compartion terms to be the Work of the Milds, bringing one to the color, and confidering their Agreement and Dilingerment.

BUT, the tim bits much faired for Action of any thing yet allegid; t yet will the whole hereof be found to what the state of the st with the other: I am not active in perceiving that Samenels: fince 'tis only the Perception of one thing twice over. And my knowing it to be the fame now, is only my remembring it to be what I had feen before; with this difference, that the Power which first represented it to me absolutely; does now represent it with this additio-

this difference, that the Power which intropercented it to me abbourcely some now beginners in a man subservable and Circumflance, it but I had feet in before he will suffer some or artifact from one ting; will do fo in another thing nilmilate only in four Circumflances: This is founded wholly on a Prefumption, that the Agreement resides to formation of the property of the proper

the Subject will allow of,

THUS far, therefore, we see but little that looks like Activity, even in the Faculty of Reason. But Reason has not been yet shewn in its Height. Tho it have its Origin in physical Matters; and shew it self first in the Esta-bishment of Causes, Properties, &c. it reaches much higher, and is seen in its Perfection in Metaphysicks; where, making its own Productions its Object, it proceeds to examine the Nature and Effence of fuch Caufe, Property, &c. and hence the Doctrine of Quality, Quantity, &c. in the General or Abstract.—Nor does the Matter stop here; but the Mind still proceeds to rect a new and most magnificent Science of Quantities, Analogies, Proportions, &c. hereupon: founded on this Principle, that " fo far as a thing unknown, agrees or is like " to another thing known; fo far is fach former thing, its Nature, Effects, &c. known:" A Science infinitely "to another thing known i, of far is fash former thing, its Nature, Ellectis, &c. known." A Science infinitely extending, and productive of infinite Usia; as being that whereby Knowledge is supplied, or transferred from one thing to another: And of infinite Certainty, as being founded on a felf-evaluer Proportion.——It pro-ceeds by Definitions, Axicoms, &c. But as the Things themfelves which are in Subject, are only Abstracts, which are but a kind of Stadows of real and femilise things; so are in Definitions, which cannot be fish to be which are but a kind of Stadows of real and femilise things to are in Definitions, which enmot be fails to be Definitions in the Innex Scale as those of a Canonera, p. 5 a Plant, in Intilumenta, or the like; indiminica in Chemistry of the Part of the Part of Par

let it be divided into two Parts.—Our Senfas do not inform as that the two Segments thereof are equal to the whole one: On the contrary, they repreferent them as very unequal is and its Rection alone that finds their Engangian. Contrary the contrary that the Figure, Ev. of the divided Sphere, which are the distings the Figure Contrary to the contrary that the space that the space equal to its Parts, and thus, by analogy, personnece the firm Ratio university between every Whole and its Parts, and for make an Asion which is the Foundation of a new kind of aniswerful Knowledge. In effect, to for that the whole Sphere is equal to its Parts, and the contrary that the contrar

FROM such Axioms it proceeds to Theorems and Problems; every one whereof is resolvable into Thesis and Hypothefis; each of which may be again refolved into Axioms or Identical Propositions, which is called Demon-firating. In fine, all Demonstration inposed Identical Propositions, and turns or "ens and its Cortainty arises from no other Principle, but the Identity or Sameness of the Taling implied in fach Propositions, with the

Thing express'd.

Thing ceptrold.

IT appears then, that the whole Process consists in abdracling, or fetting side the fentilite Idea that gave the first Occasion, and considering the Relations thereof by themselves, as if they had distinct, independent challenges to the process of the second considering the Relations thereof by themselves, as if they had distinct, independent clauded, with all the Adion and Indipartition asserted to form; and that is Reson let fit in Ellay, without my thing to feperiode, or direct it.—Thus we may be faid to make a new World, and farmish it with a new Set of Centrares and an ewe Doctine, which is, no it were, the Studow of the former. Metaphytics, and Mathematicks, in efficit, are the Steince of Easts Januara, or raison, as Phylics of Easts astrone, or feight, here yet a Connection with things which have, whereby they becomes of the strond import in the World. There is that Relation effablished between the Faculties of Sense and Reason, that the Objects of the one be not cognizable by the other, yet the Commensions between eym in by the all-wife Criston small very near and intrinser. Such Dimensions, Weight (i.e. are consistend by him with faith Ellicht, Motson, Merithrees, Ge. and prove Production in the World.

Production in the World.

BY means of this Communication, the first Impulse is brought back again from the highest pitch of abstracted Mathematicks, to the first Objects of Sense; from Fluxions and Differences, the farthest Parts of the Pair à infini Reafon has ever travell'd to, to the grotfelt and most palpable Objects that strike every Sense. And thus are

Readin has ever travell'd o., to the gratefit and most pulpade Objects that firste every Senfe. And then see Adition and Pifficine, Sentition and Resino, Art and Sectore, found to reciprocare, and produce each object. HAVING thus difficult the Nature, and Characters of the And Sectore; it remains to fettle the Notion of a FR RM of Art; a Diction is their underflood as supplying in Languages—Art and Sectore, we have observed as the Demonstrations of Konoleege under this or that Hubbook; and Worsh are Representatives of the Series of the Sectore of the Sect

to the leveral Parcels 1 to observe, for inflance, how it proceeds from the imple uses, *maning, to the more complex, a *Enne, there inflare to Straighted, &tec. (INDEED 'to very few of our Words that express fingle, or finishe lides. The Resion is, that observe create Relations to obtain between the feveral theses, as, of Coasic and Effect, Sujeige and Attribute, &c. we don't fo much conflare them shouldn't and independently, as under fact Cramultaness and Relations to each other. The great Realization and 2 Properties of the Mind to combine, and build up in Bales, and thus cach other. The great Realization and 2 Properties of the Mind to combine, and build up in Bales, and thus each other. The great Realmets and Propentity of the Mand to combots, and bundle up its Ideas, and thus pay, or receive 'on in Parcish, has let us very (see implice ones a) funct, very (see Names which denote only one Idea. The Words Alma, or Mathematical Point, usually imply feveral Ideas is in regard, we are Ied to take their Attributes, and Relations, into the Conditionation of the Subject: Thus we confider the Alma as hard, heavy, and invisible; as the Principle of physical Magnitude; as contributing to the Conditionion of Bodins, UK. Even the primary Qualitics themselves, as bounding, becausify, the timple, the first part in their own Nature ;

Nature; are so far combined with particular Circumstances, e.g. their Cause, Effects, Ge. that their Names become none of the leaft complex.

NOW, what we call a Term, confider'd as to its Nature and Origin, is no other than " a Word which

NOW, what we call a *Trm, confiderd as to in Name and Origin, in no other than "a *West white of denotes an Afficial Name of Idea relating to fism one Policy, which the Mind artifly complication of denotes together, for the conveniency of it own Operations." Or, "a *Word which comprehens I reveal them used to the convenience of each other, wheethy they represent form complex price of Moneleight to the name of t fome occasions, we make up certain Sums of Money in Rouleaus, or in Purses; and thus pay and receive 'em,

ione ocadions, we make up certain Sums of Money in Roadeaus, or in Parfes; and thus pay and receive 'em, without the Trouble of elliuling or cumenting the Contens.

IN this Senic of Term, we final find little clic but Terms in Language: Among Naus, little bridge programments of the ordinary Color Language, as thereing ocadionally to denote an ordinary standed to 'em, c., f. in Materia, to contentes become Terms; as, when any particular Ideas become and the standard of the content o

Mulcles, etc. has every thing mat is chomian to a term. In the lame sense, a buy in a term as imban as a levery and a Part, as an Artis performed, it is a levery and a Part, as an Artis performed, it is a levery and a Part when the sum of the performance of th

no Remedy; Cómplemedt is the only Charaderitist char will be found to hold good of 'em all; and it there is any other more fepcific and diffiguiling. Propersits in most of 'em, as we full have occione hereafter to there doers are, yet thefa, not being universal, camoet he made the Foundation of a juil Faindophical Deviation of the propersion of the pro

than before: that is, four new Idias and Cacumfiances at zoon of the most being to it.—A Term of Art, then, "a so Word that has been beyond its general, or identification one i and this Mensing reflaried to four one one Art." On the Mensing beyond its general, or identification one is and this Mensing repeated by the committee of the committee of Combination of Ideas, under four peculiar Relation is reclaimed arbitrarily in force Art, or for a different Combination, or with other Relations and Greunthances." To make the way a finel clearer to the Philodopyle of a Term of Art, it is to be observed, that from the primary or literal Scaffe of Words, we frequently, by Altirickina, form a fecondary, general, or philodomesor of the Committee of the C to give a Nature of we make the Word in that Soile, and fuperoid the other Indicates and Circumlances which the prefer Occasions familis, thereto a which being different according to the different Material Soile, jed of the Art, fleedily the meaning of the Term in this, or that Art. So that the Word which, to risk it to a philosophical or discintifical Soile, was generalized, to form a Technical one is again particularly, or appropriated, and invested with new Accidents. Which falls in with the Difference above laid down between Arth and Soizes,

THUS, the fame Word Spirit, which literally fignifies Breath, and philosophically any subtil Substance, is technically brought to denote diverse other things; as, in Anatomy, a thin animal juice secreted in the Brain, and detach'd thence thro' the Nerves for the Uses of Sensation and muscular Motion: in Chymistry, the and detended thence there the Newco nor the Unics on Nemation and noncours studies; in surprisingly, and Fedhalizons of Bodies expos'd to the Fire: in Theology, the third Perion of the Trinity; in Metaphfolds, any incorporal Agent, or Intelligence, &c. In all which, we fee the fame Subfration, who, are a fine field Sub-france, but this modified a great directing of wars; each of which is Indepthel, by farther Super-additions, of Infinite more, And hence Legions of forus of Spirits, both in the human Body, the Chymifia Laboratories,

the Hierarchy, &c.

THE Notion of a Term will receive some farther Light from that of a DEFINITION; which is, as it were, the Analysis thereof.—By Definition we undo, what was done in the Term; that is, we refolve the complex Ideas into simple ones, or restore the Ideas from their new and artificial State, to their primitive and complex nones uno sumper ones, or retroer the loses from their now and attributi Series, to their primave may argue one. A Definition, then, may be defined, "an Enumeration of the feveral fining led seconded under "Term, in the Relation wherein they finad to one another."—We have already flews, that Terms is when they are recommended to the second of the second explaint, and afortianed by an Enumeration of its Properties, and Relations: by which it is diltinguistict from other Words, merchy garmanistics, whole Mennings are general and indeterminate, and may be stell with equal propriety in a thouland Carles. We can explain a Term: A Word is inexplicable: all we can do nowable this, amounts not to Delinitots, but only to Sub-Birton, in addicately incommunicable by means of any Language. The Propriety of the Rest attacket, for inflance, to the Word Force, in addicately incommunicable by means of any Language. The Propriety of the Party have it not already, under snother Name; to which end we may red him its are Target, or Figure 1 if he have not not carried, under snother Name; to which end we may red him its arm for the have not carried to the propriety of the have not a free propriety of the have not a free propriety of the have not we under proceed to try him with more, and eth him to Firea, or

Fig. or Efficacia, or Patentia, Sec. or 'tis tis, or hyds, Sec. If none of thefe will do, it remains to try, whether he may not have it, without any Name to 11; and fay, 'tis '' That whereby one thing, coming in 'control with another, moves, or facks, or breaks, "if" 'Ec.—If you of their means be learns what Pares is, he does not form any new Idea: he only learns a new Name; and finds that what he cills by one Name, the does not form any new Idea: he coly learns a new Name; and finds that what he cills by one Name, the does not form any new Idea: he coly learns a new Name; and finds that what he cills by one Name, the does not form any new Idea: he coly learns a new Name; and finds that what he cills by one Name. others call by another; or that what he had never taken the Pairs to diffinguish by any Name, some others have. To get the Idea, he must have recourse to Sensation, not to Language; it being a physical Ess.

have. To get the lifes, he must have recourse to semanon, not to Language 3 it done a popular Language and only to be attrible that called Arc, being given; and coming to be afterward modified or circumlinating to the control of th of Senfe

HENCE appears all the divertity of Definitions; Technical ones, comporting only to Terms, as to Central Force; Scientifical or Philosophical, to Qualities, as Forcibleness; and Nominal or Succedaneous, belonging to

fimple Ideas, as Force

impie zieses, as Furit.

"I'18 fix various Affenblage of fimple Ideas denoted by common Words, that makes all the Variety of Terms; as 'ris of Simples in an Agroticeary's Shop, that makes the Variety of his Medicines.—The Analogy goes further; and it may be failed that Terms, like Medicines, only differ from each other as their ingredient closes, and the Relations thereof od differ.—If their be not all rehearfed in the Definition, the Term or Medicine, and the first of the desired of the second of the second of the desired of the second of the desired of the second of t

some finder, van de rumy to fait heat Terms, The Medicines, evil, affect from each other as well reduced by the control of the

among mod People, which therefore may be confided as Data, and utid as fimple ones, for more conveniency false. All technical Apparatus, then, is to be here thround by a said inflated oil giving five or in hand Words for one, the general Eucle, and the property of the control of the control

grummatul one; and condeparely the Definition ought in Brithmat to extend thinler: The Solution, to be adequate, floud ig an fir as the Kost, the Analytin as the Syndrolia.

THIR Reader already begins to feel this Perface grow threform; and yet half the Buffené fin Bill behind. When so large, a Work, was to follow, he exhapit magine he floud have been excended from a long Preface grow threform; and the state of the solution of the solution of the state of the solution of th

Plans or Prolpckie of Icios, artifully armsgled, and cabibted, not to the Eye, but to the Mind I and there is a kind of analogue Prefective within colution is 'en, wherein we have formedting no remote unlike Poins of Sight, and of Diltane. An Author, in effect, has fome particular View or Delign in drawing out his kines; a citient, nakedly to reprefect formething, or of ollower and related in, or mellips, or executars, or different and related in, or mellips, or executars, or different and the citient and Plans or Prospects of Ideas, artfully arranged, and exhibited, not to the Eye, but to the Mind s and there is of the Objects. "TIS beyond my Purpose to enter into the Nature of the several Methods of Composition abovemention'd,

I shall only note, by the way, that the first Writers in each, mark'd and chalked out the Measures for all that came after them. The several Manners of composing amount to so many Aris; which, we have already

shewn, are things in great measure personal, and depend on the Genius or Humour of the Inventors.

WERE we to inquire who first led up the way of Distionaries, of late so much frequented; some little Gram-W.K.R. We to inquire who offit led up the way of Dillimarits, of late to much frequented 5 ione lattle Grammarian, would, probably, be found at the head thereof. And from his particular Views, Deligns, Os. if known, one might probably deduce, not only die general Form, but even the particular Ceremilhances of the known can early call the many of the probably deduce, not only die general Form, but even the particular Ceremilhances of the Nature of a Diclimary from the Condition of the Author; we may the Conditions of the Author from the Nature of the Diclimary. Thus much, at leafl, we may first, that he was and Analyst, that his View was much at the Condition of the Nature of the Dichmary. Thus much, at leafl, we may first, that he was an Analyst, that his View was not to improve or advance Knowledge, but to teach, or convey it; and that he was hence led to unty the Complecions or Bundle of Ideas his Predectiors had made, and reduce 'em to their natural parity, which is all that is effential to a Dictionarift. Probably this was in the early Days of the Pharmitan or Egyptians can be probably this was in the early Days of the Pharmitan or Egyptians can be probably the way in the early Days of the Pharmitan or Egyptians can be probably the way in the early Days of the Pharmitan or Egyptians can be probably the way in the early Days of the Pharmitan or Egyptians can be probably the way in the early Days of the Pharmitan or Egyptians can be probably the way to be probably the all that is effectial to a Diffionarifi. Probably this was in the early Days of the Phonitain or Egyptian Steps, when Worth were more compited and obfere than now and mythe Symbols and Hencephylanic obtains 1/2 and when Worth were more compited and obfere than now a find probable of the Phonitain of the Phonita

venient: Numbers will enlarge, and widen, or even 'make' it freighter and enlier; but 'tis odds they don't alter its Courle. To deviate from it, so only for the glaponat and Irregular; a Ferions who don't well know it, or are too licentious to keep it. And hence the Alterations and Improvements made in the leveral Arts, that it is a few or to the second of the sec

have met with fuch Hands, others ftill want 'em.

ham in the design and the second of the seco Languages, which for one Word subflitute another of equal import, but more obvious sense: Philosophical, which give the general Force or Effect of the Words, or what is common to 'em in all the Occasions where they occur:

give the general Force or Effect of the Words, or what is common to 'em in all the Occasions where they occur: and Teinbiles, which give the particular Series tracted to 'em in finem one or more Arts.

BUT; in truth, this is little chimerical; and is to longer what has been already all. Those where BUT; in truth, this is a little chimerical; and is to longer what has been already all. Purities, which is one for much taken from what really is, a what might, or flowald be. Dictionarities are from conditiening their Subject 6 clotify, or confining themfelves to fo narrow, the direct, a Channel: They much have more room; and that themfelves provided by the general Quality of Leccongraphers, to used all kinds of Deficient of the state of the

tray stuoper removed. They have not only built on it, but improve it, oy a second from this fingle. Head; the TIS not to be integried, the Mitchiefs, and Inconveniences that have arole from this fingle. Head; the TIS not to be integried, the Mitchiefs, and Inconveniences that have arole from this fingle. Head; the TIS not to be integried, the Mitchiefs and Inconvenience which that the second integries which that FIS not to be imagin'd, the Mitchiefs, and Inconveniences that have arofe from this fingle Head's, the great Uncertainty is has introduced into Language; and the Obttake it has been to the Interpovement thereof. This certain it has, in great mendine, defeated the Intention of Speech; and turn'd Knowledge which that behavior is a supervised of the Control of the Co only 'tis not the Truth it is taken for,

THE Weakness of our Reason, which we complain so much of, is in great mensure side; the Fault is foreign, and list wholly in the Consistion of Language; which would not only puzzle us, but the very Angels in Heaven, to make any thing of; Wirzfiel shandkers of our Explications of Trainty, Happilds, Sublance, the Constant of the Constant of Trainty, Happilds, Sublance, and the Constant of the Constant of Trainty, Happilds, Sublance, the Constant of the Constant of Trainty, Happilds, Sublance, the Constant of the Constant o

"to no f Science, amounts to little more than the Reformation of Language." THERE are two Manners of varings; in the one, which we may real Sénsifical, we proceed from Ideas and Things, to Words; that is, first lay down the Things, the the Name it is called by—This is the way of Difference, the Confederal of the Words of Manufacture of the former; in which we go from Words, and Sounds, to Ideas, and Things; that is, begin with the Term, and with the Englandson,—This is the histhforial Way, or the way of Teaching and Narradion; of reloving the extraordinary Knowledge of one Perford, into the ordinary of amountain of the Manufacture, and the Teaching and Narradion; of the Wordson, into the ordinary of amountain of the Manufacture, and the Teaching and Narradion; of the Wordson, into the ordinary of amountain of the Manufacture of the Teaching and Narradion; the Manufacture, the Manufacture of the Teaching and Narradion; and the Teaching and Manufacture of the Teaching and Narradion; and the Teaching and Manufacture of the Teaching and Narradion; and the Teaching and Manufacture, the Manufacture, the Manufacture, and the Teaching and Manufacture of the Teaching and Narradion; and the Teaching and Manufacture, the Manufacture, and the Teaching and Manufacture of the Teaching and Narradion; and Teaching and Narradion; an

ordinary of another; of distributing sriftical Complications, into their finisple floats and than training and leveling again what Art had credited.

THE Johnson vones under the turn Kind. It forgoes the Advances and Differenties made, and consecutive the contract of the properties fo and fo; and the refult fo and fo: The other, that fach and fuch a Word is used as synonymous to fach and fach others. The Distionariti is not supposed to have any hand ai the Things he relates; he is no more concerned to make the improvements, or elablish the Significations, than the Hilborian to archieve the Transferred. actions he relates.

actions he relace.

THE difference between what we commonly call the Hijbery of an Art, and a Diffinary thereof, is only circumfamial, arting from the difference Views of the two Audors: The one cherly regards the Time and or Persists of Time is a direct to the control of the Art the dotter regarding chiefly be Object or Intention of the Art, relates its prefect Conflictation, and low it proceeds to attain the End proposed. You may add, that the former primarily confider what is pall, or already advanced; the other also what is prefect, or remains to be done: The one tills, e.g. how Morany Indiags a deal Toroide on the made. And it was will likewise field this, but the Hillerin statemizes divers foreign, and accidental Cremental and the Control of the Control o

be contitud in the Discoulary, which any season are set of the set Diffionarift, coming afterward, keeps more closely and feverely to the Point, and relates nothing but what is effential; that is, the fift time, the thing is confidered as now artings; a new Production or Phenomenon, from fome analogous Principle; and therefore we attend to the foreign Caufes that brought it forth: whereas afterwards, we confider it as arising from the pre-existing Theory, or Prescriptions of Artists, and thus resolve the Cause into the Art it felf.

in ANY other difference which there may form to be between the two 1 is only as to more or lefs parti-cular; which, indeed, is a thing that emburafile and amusic us on many other occidions: Thus in mere civil Hiltories, if one relates the Series of a Campaign, another the Bombardment of a Town, and a third the Wounding and Death of a general Officer; is to the two latter Subjects be only Parts of the former, yet the first will be said to have composed a Piece of History, the second a Piece of Fortification, and the third a Piece of Chihard with or land to nave combined as rises of relatively, the recond a Free or Furnishmen, and the time a Free of Con-rungry. And yet there is no other difference between them, than between the Grography of a Contry, and the Topography of a Village, or a Hillock; the Hillory of a Nation, and the Biography of a fingle Person. TO 6 by no more, the Dictionary of an Art flands in much the fame Relation to the Hillory thereof; the the Hillory of a People, does to the Lives of all the confiderable and active Persons therein. Their difference

the Hiftory of a People, does to the Lives of all the confiderable and adive Perfors therein. Their difference is only as to the Point of Sight 1 the Eye being fappoded for near in the one Cafe, as to fee the Parts difficiently, and in the other for far off, as to take in the Whole completely: whence the one gives you all the Incidents is the other only the greater. In effect, the one is all concreted on one point of view, modificiently to the Whole, and the great Parts is the other to many; the Eye being flatfict for each Part, to fornish an adequate Reperfectation thereof. In the one Cafe, is it is apposed within the Work; to an only to fee holds adequate Reperfectation thereof. In the one Cafe, is it is apposed within the Work; to an only to fee holds Parts near is, which necessitively hole the refs. in the other, 'this without, and can only take cognitions of their contractions are considered to the Cafe of the C regard to the adjacent ones

I AM afield to keep the Reader any longer in this painful very of Digigalition, wherein we are obliged to dig for every Hey we take. It would obothetic fices none agreeable, as well as more repressible, as well as more repressible formplowment to be railing things on high; than thus engaged in finking, and working under ground: A Cultle in the Air is an Object of Pleafure to every body, while it talls; and withal it cally railed, and afrail Expences. Your Mines and fabeternation Matters are mere drudgery, and Pinocens work; difficult to carry on, disbloud of Succession, and overhold when done. Being therefore arrived note the Surface, we take this Opportunity to quit the

cens, time overhoose a most some control of the con work

work, that should examine the feveral Diffeonieric examps, by the Standard here had down. Note of the could able find a Thill, were that here offered outly go to week, like the reft.——It may be remembered that the Thill executed is alleved to come thout of the falce conceived; The former is only of County fide latter, and liable to all the Imperfections incident to other Copies. A thouland things interfere: I Lexicopy, the contract of the Nature of an Art, electracy of the other of the Copies of the C

finh Law cannot be epioned on othen. It may well obtain with reject to the Ferfon that first established is a being agreeable to his perforal Resion, i.e. a commondated to his particular Combination of Genius, Siension, and other Chromathease but can't extent to thole in whom this Combination is different. Accordingly, the control of the Combination of Cocinis, Siension, and other Chromathease is the Combination of the Combination of the Combination of Cocinis, Siension of the Combination of the Combin

and Copies of Britis Registers, of the Birtle, Burial, Marriage, &c. of the Fevral Perfois whole Actions he relates.—And Yes on ofnee extendediny Ocasions, we have no furbare to give Demonstrations, where, for inflance, there was any bring very increding, or important in 'em: A Praitice which Hillberian therifolese accordingly gives their Work the Demonstration of Mark Lifting.

B UT we are far from the Views of fome Dictionarifis, who think it incumbent on 'em to demonstrate every thing that is emphilic theory in the district of the property of the district of the property of the pr an ozier Basket supply the Office of a Pleasure-Boat; or a Sword-pummel that of a Portmanteau, as Paracelsus

an ozier Bakter fupply the Office of a Pleafure Boar 1, or a Sword-pummel that of a Portmanteau, as Paraceipus is this to have done.

WHEN a thing has been once regularly demonthrated, it may be affirmed, or taken for granted; every took yerhape may be concerned in the Truth of it, but not to fee the Truth of it. To make it a Principle to take nothing upon truft, would be as troublefome in the Science, as in Life; and we must remain for every, both wretched, and ignorant. Not only Suppositions, but even Errors, frequently lead to the Knowledge otherwise inacceffilde. Mathematicians themselves, who of all others keep molt to Demonthration, yet find the control of the Supare of the vos Sides, upon the Credit of Parlangues, or Each Saving demontrated its does all tilts more than what they themselves do on many Occasions, who affirm and trunks tife of Propositions they have no other evidence of, but the knowledge or remembrance of their having been demonstrated.

dall's having demonstrated it; does intite more tim wring turnavers our some standy of an and an and the difference of the proposition they have no other evidence of, but the knowledge or remembrance of their and make the proposition of the

LESS might have fufficed, to thew why in the Courfe of this Work we have utitally omitted the Apparatus of Demonstrations, and Experiments and given the Dockrines pure and uncumbered by any thing not refential to 'em. The Experiments, for instance, which led to the Theory of Light, and Colours, what would truly ke, but like the Scaliolaling before a fine Budding, which break and interrupt the Sight, and hike most of the Beautier of the Work? Such Scholiding, its true, would be of fit to the Commonstrate who might have a must or examine the Work, to mention the Proportions of the feveral Parts, and inquire whether every Sone were justly Yet, in the Colo of Experiments, as of Demonstrations, we have recorded for displaying of the Work—Yet, in the Colo of Experiments, as of Demonstrations, we have recorded from three thethod, in favour of fuch a barve any thing very remarkable or beautiful in 'em. For the reft, the Reader, if all Controlly ferror

him, is told where to have 'em at first hand,

of fuch as have any thing very remarkable or beautiful in 'em. For the reft, the Reader, if his Casinfuy Ferre him, is told where to have 'em at first do not levery intendity to what has been above his down at but for the Casin of Definitions, as the Casin of Definition of the Casin of Definitions, as the Casin of the Casin of Definition of the Casin of the Casin of Definition of the Casin of the

Meaning, one might of themselves run touck to the general, or intera scenning, or pattracting; so not con-trainful, from the general or shiftent to the particular ones; in regard those other are arbitrary, and depend on the good pleasure of the Artift who first introduced them.

ACCORDING to thriends, every Term should be first given in its literal, or grammatical Meaning; effec-cially when the fame is a Term in feveral Arts, as this helps to fill up the Series, and shee the orderly Derivacally when the fame is a Term in Everal Arts, as this ledge to fill up the Series, and fleve the control, Definition of the Word, a primin standardise, from the first fimple ledges that give rise to it, to it is this, and smooth composition. This is like giving the fost of the Family, which is certainly necessary step to this Method. In forme Word, there is a deal of the literal import of the Word preferred in the Term or the technical one; as in the word Free, or Freedom 5 Specific Ref. [5], First Parts. For Everion 5 Specific, 98 Bestrains, 6c. So that in this Cole, a literal Definition motes, as Free Ref. [6], First Parts. Word, the short of the Word, when the second of the second se Subjection

felf is all on Presery. So that the Definition of Power must take in two oppoints Relations, vit. Power and Subjection.

PER HAPS, to go in the most regular manner, and take up things from their Source; so ose floodd begin with feeling their Epymologies: he that the great alterations Words undergo, and the great length they are read with feeling their Epymologies where the the great alterations Words undergo, and the great length they are read this not only a tection, but an eldels I about 7: for that the Language or Age to another, would frequently make this not only a tection, but an eldels I about 7: for the two Language or Age to another, would frequently make make the control of the

whence arise the Crass, Colour, Heat, Specific Gravity, &c. of Blood; Writers don't ordinarily trouble them-

felves.

IF, by the Artifice abovementioned, we get free of a vait load of plebein Words, which must have greatly incomber'd us; the Grammar and Analogy of Language difengages us from a full greater number of all kinds. The various States of the first Word, condiserd as it comes under different Pierr of Speech, and the properties of t tation, &cc.

THIS gives an occasion to mention a strange kind of License frequently practised in our Language. Tho there be ordinarily a great deal of difference between the several States or Modifications of the same Word, c. g. Reflexing, Reflexion, Reflexible, &c. the fame as between the Action and Quality, the Power and the Exercise of it in this or that Cale, the Canfe and the Effect; yet Authors make no difficulty of uling 'em promisionoff' which would make downright Nonfense, were the Readers to keep to the first import of the Words. But which would make downight Nonlinke, were the Readers to keep to the little import of the Words. But the Truth is, we are no for circula about the Matter; if the Melaning come within our reach we jump at i_0 , and might not rather fall floor, or fly by us. What Confision bould we make, even in our best and eleared Writers, were we redoved not no undertain ℓ tem bat according to the first Rates of Grammar, and not inablige 'can the perty liberty of using gaid pro gains, one part of Speech for another ℓ in a shouldnd Cales, the fine Lass in denoted by opoptive Terms 7. Thus, we tay, fach a Medicine is good ℓr_0 , or against the Worms. Plague, &c.

T may be urged, that as Cuftom has authoriz'd this latitudinarian Practice, it is become of grammatical Authority; and that as the License is known, it can't deceive us; fince the Readers are led on such occasions to relax the Bands of Grammar, and annul the difference between the Parts of Speech, in order to admit one a fubthing for another.—But I am afraid this expedient fearce indemnifies us from the Abufe. Befides the a months of the control of the contr

amout output of teenig rectified, untilst in a new one.

IS 13 ALL to be there extert good to Merits and Directles of the Englist Trapes, considered as Language. IS 13 ALL to the teen the contract of the the Dickinnary is felf. This Place we referve, now for other Peoples Notions, but our own, and what we have to add, will be cliedly as it shades with regard to off, and more particularly to a Dilitary of Jett.

I BELLIEVE none will queltion but we met with Difficulties enough in the Coorde of this Work. The revery Bulk and Directlines of its collection amount of the Verlay and Cuterwisty of its Matter fill more.

But these were in some fort natural Difficulties, and ought to be considered as necessarily appendent to the very Effence of the Design; and therefore did not afflict us so much as those that rose from it at second hand, or were

Ethence of the Delign; and therefore did not affilick us to much as those that role from it as it econol hand, or were dispended to it, as it were, by Ardiam. And find was the prefict wild States of our Lasquage, which alone were inflicient to have baffed the bolf Scheme, and broke throt the both Menferes that could be form?

Wh: have already repreferred Language as founding very important; as als having a near and needing intereft in Knowledge. Name, we here add, are folemn things, as they are Reprefentatives of Ideas thenkleves, and utden on mot confusion in their fired; and tifens, or Combinations of Ideas, are full more of a sam much and uted on most occusions in their flend; and ferms, or Combinations of Ideas, are Itill more to 1 as most of as complex Engines, are of further and nicer Confidention than the finite hereathnic Powers. But who would imagine this, to confider the wanton use we make of 'urn yand with how lated beta, or Distertion, Words one as a pleasure. Explosed is open to all Xintons, at least in this respect, and our Traders in this Commodity, import their Waters from every Country in all facurity. The mercandle Humour feems to have profited every Part of 1s, for have we are not only unwilling to be without the natural Produce of our Neighbour Countries, but we even envy 'em their Falhions, their Follics, and their Words. Scarce a petry Author that appears, but makes his horsexions: But when a Dictionary consection of; this Res an Engl. India Pietra, and you are faire of a lugge Cargo. The Effect is, that our Language is, and will continue in a permandial value when the consecution of the produced of the of what has happen'd fince.

contributed to the fill farther Establishment of a number of Words, which we had much rather have seen pro-

feited, or hanfiel de Land.

LIFON du seisles, nothing could be more definable than an Indice expergatories, to clear the Language.

LIFON the stocks, nothing could be more definable than an Indice expergatories, to clear the Language of our fugerfluous Words, and Equivocals; all the modern French and Greek ones; described and significancy. I think the learned Languages could be served the server of the Gright prefer to any others, because there is the most prefer to any others, because there is the most other Languages.—Such a Reform would reduce our Dictionard Exponsing of words. Disconsistent as of difficulture for Arts from high the difficulture more to be Grigonian. ries to more reasonable Dimensions; and difincumber the Arts from half the difficulty now to be furmounted

in a staining Common January Syring of Words no left prediffick than that historic fooles of, and which has proB UT; berres are of furtisis, influence Words, which no Nation but our own would ever have cowed; I mean
the the of coling or making English Words, by a fort of analogy; from the Latin and Greek ones. This
Fault the Tribe of Lexicographers have carried to a flrange excels. How must a Man three, to fee what detellable Stuff from the territories of the Art Class have compliances that a substudy, Statistica, Ketterleigh, SeGener for to do any ting with, except, with the substudy, Statistica, Ketterleigh, SeGener for to do any ting with, except, Magnet, Greatily, Palmandayi, Exacutary and many thouland more,
at the Reader's fever's, to be met withal in a Dictionary which few Pools are without. One would almost
with the Mold defroyed that finds the other lating the whole, keining long long with limit of the
proceeds to do the time with the Davis, Just and Man the Complete of the Complete of the
the time Control, Such Monders can't positibly the long it in the place (class'd), the lating to have decayed the work of the least of the proceeds to do the control.

The such that the such that the Complete long is the place (class'd), the thing the Place
the latter Control, Such Monders can't positibly the long it they have class'd the Milke, who ought to have the applied of the local.

o use read.

HOW odully will our Practice in this respect look, when confronted with that of our Neighbours? Our of the most learned Men and greated Critics of the last Age, M. Menage, incurred an intime deal of Centures for only endeavouring to introduce the fingle word Populators: and could not account in a proving landing that a Word of that import was confeffedly wanting in the French; and both the Sound and Analogy of the new Word

were unexceptionable.

were unecorpionable.

TO return. The different flate of different Arts is very remarkable. Some of 'em are trefined to a degree of fabelity that dedroops' em; as Menaphyfics, and Logics: others have had no refinement or polithing at all, but lie waite and over-run for war not it is a Agriculture, Heralthy, Co. The grofficio for fous is ther flate; it bring fisch as disjusts, and forbids a deficite Mind from portfine to the strength of the str

Relations too a but their for remote from all Purpotes of Life, that they are in great meature minganhears.

"T1S certain all our Knowledge and Arts ultimately refer to the great fixed of Preferration. The Faculties of the Mind, like those of the Body, were not given us for the mere Exercise, or Grantfandson of 'em'; but in Infestreducty or Infestre purposes. Our Knowledge is all of the Nature at it may mindire to alls Richard reveals nothing to us for the mere vague fake of our knowledge has Addices are all infrastructures in his hands, which being and well-being of his Creatures. Our Exercise wonderful and adventile from the Copysion. The bong and well-tong of his Creature. Our Perceptions and Notices are all intifrumens in his hands, which he has appointed to do his work, and bring about the wonderful and admish Ends of the Creation. They are fected Casefu, or at leaft Occasions of what we do a and no doubt are under the Direction of him for when we do that they are fected to the control of the continger, as they are found for the continger, as they are found failed to the continger, as they are found failed to the continger, and the continger, as they are found failed to the continger, and the control of the continger, and the control of the continger and the control of the c he has appointed to do his work, and bring about the wonderful and adorable Ends of the Creation,

Creators casts ruspose, want they are.

A ND yet one Leifure and Curiofity have found means of making even these more cognizable than otherwise they are; we can, in some menture, after the established Relation between our Faculties and their Objects and make use of one Law of Nature, to undo or signerical another—Than we can magnity a listle Sound
for listle Body, or a listle Diffunce, &r. or we can diminish large ones; and thus make things in some measure

use little Body, or a listle Dillance, Ce', or we can deminifa large ones a and that make things in fome measure adequate Objects, that naturally are not fin.

B UT there is no great advantage in this 'We only, by these means, come at a better apprehension of B UT there is no great advantage in this 'We only, by these means, come at a better apprehension of things which Nature feeth'd to put out of our way for no other rection but because they did not concern us; a sea being employed in teking things a dander and confidency that the star third light one would imagine; as being employed in teking things a dander and confidency that Parts, which Nature chiefly intended to be confidered and dealt with together. There is I know not what feeret Law, whereby the Elifect of a thing, is as it were, attached to its integral State; is that in proportion as you either diminish in by taking from it, or estage it by adding to it, its lifted is alterd, in a manner beyond what we can well account for from the bare Confidencial or Magnitud.

ABUNDANCE of the lefs uleful Notices, we find, were kept back, and left to be accidentally seried up in courf of time: finch as the Knowledge of Griffes, and their Ericht. Twas no very important matter where the were known of first discovered for the control of the country of the Rays of Light in patfing different Mediums, which is the great Foundation of all our optic Guilles feem only a fecondary Property or Effect arting from another Power, or property of Attraffice between the Light and the Mediums which is followed by the country of th Principle Wildi are use animen's ou state to give a investment at tensor varieties as various, from Some of Nature's Redundancies, in effect, the only things left to Soudy and Art, may be these very Redundancies; the other Matters, which primarily concern us, being learnt in a more immediate manner. NO body will take this for a Reslection of Art: "Tis only a Panegyrich on Nature: an Illustration of her

NO body will take that for a Kelfection on Art: "In only a kinegyrack on Nature; an Illustration of her Goodnesh in contriving that things most necessity and triefly all the late of the control of keyer-bable by a fort of Indiod; and the other feel immediately useful ones, lett to be accidentally teared up in the Courte of Experiment and Diligidition. We may admire her Wildom till farther in this, that the flood as it were go out of her ways, and annex a fort of Pfeulare, beyond her main Purpols, to the Knowledge even of things not immediately useful; in order to engage so to industry and Activity. This flowes that the late and the second of the property of the

our Preservation in some farther manner not yet attended to

our Preferention in from Entruer manner for yet assessed on.

This no wonder the School Philosophy Blond be certified in a bengin's confidencing the narrowards of its This no wonder the School Philosophy Blond be certified by the School Philosophy Blond in a fillinging, and cumerating the Characters and Differences of our Perceptions, or internal Objects, taken as they are excited in as in the natural course of things jet ye which it is diffusionable from the Modern, which is chiefly implayed in means to vary and modify their Perceptions; and thus find out further Relations and Differences than would otherwise laws appeared.——The Philosophers of the former kind are constructed to take Nature as the comes home to 'em; and apply their Readonings thereto without more ado: Those of the latter, go out in quelt of her, to have more Matter to readon upon. The former are more contemplative, the latter more ado; in the property of the latter observe, try, and relate more

HENCE we discover why the Old is much more perfect in its kind than the New. The former has little to do but compare, order, methodize, 'Ge, what is ready at hand; the latter has likewife to find; after which all the labour of the other fill remains. The former takes Nature in all her Simplicity i the latter adds Art to her, and thus brings Nature into confideration in all her diverfity: the former chiefy confiders natural Bo-

to our outpurps; corest, measurage, or, what is ready at natus; the interf is a Bicewile to find a three which all the libert of the other full remains. The former when Notages in all the Simplicity with elaster adult and the libert of the control of the libert and an article of the libert and libert and article of the libert and libert and article of the libert and lib ply a Contradiction.

TO return. Sensible Phænomena, we have already shewn, are the Foundation of Philosophy: but your I O return. Sentines rimeromena, we have arready inewn, are the Foundation of Finisotophy; but your Edific will neither make any Figure, nor afford any Convenience, fill you have carried it one or two Stories higher. "It's but, as it were, the Cellaring, or Groand-work; which one would think were no very comfortable place to live and feend all one's time in. "Tis one extreme, to take our Lodging at forms of the modern but he place to live or content to the control of may be faid to have done.

THE School Philosophy, however, is of fome farther use, as Matter of Hiltory: We learn by it how People have thought, what Views have obtain'd, and in what vailous Manners the same thing has been coaceid'd, which, tho it be Kanowledge as it were once removed, yet is not intrictly utselfs. The Hiltory of

human Thoughts is no doubt the most valuable of all others; it being this alone that can make the Basis of named a longists is no count the their values of an electric to ching has since that this make the base or been deeved, it of them to be related the tree of the t aso their inter; as, the incertify nereof to the unocentationing not only of the antient Writers, but even of the modern once, who frequently combate, remark, 6e, upon the anienter Notions. To which it may be added, that abundance of our Terms and Deltions are derived from them, and therefore could not be to completify underflood without 'em. The Language of the anient and modern Philologhy is not very different the chief Divertify is in the different Idea affixed to the fame Words, and the different Applications of 'em. And happy had it been for the Moderns, had they found a new Set of Terms adapted to their new Notions: 3D. And happy had it been for the Moderns, had they form'd a new Set of Terms adapted to their new Notions: By adopting the old ones, they have not only introduced a world of Annigarity and Configure, but have even loft the Credit of mary of rheir own Discoveries, which now lie blended and buried among those of the Antients. One is at a fols to think what could induce the great Philodopher of our Age, rou fler the world Attendines, in the Senfe he has done. No doubt it was originally as pertinent as any other; but the Sump and Imprefilion it had already taken from the Antients, made it left for to credit as new or. I could as Eds. and importellion it had already taken from the Antents, made it lefts it to receive a new one. It could at belt bott take it impreficilly; and the reliable was, a promitionous image, wherein we neither feet the one nor the ing, and confider it as indifferent to all things; any more than to annihilate the Charakters on a piece of Pa-per, and confider it as a more Blank. Accordingly, tho the great Authors between timed recipiand over and over, in the clearest Terms, the Stenk te fixed to his Attractions y yet Experience verifies how much the was overfeen; the client Chyokitous against his whole Syttem to being advant from a Militagrication of this very Word, as overfeen, the chief Observious against has whole Syltem being drawn from a Miapprehension of this very Word, which keep half the Philolophers in Energy Hull at a distince, a faird to admit a nord excellent Debrine, mere by out of difficult of the Vehicle that conveys it. But this or pofficer: The Reader who defires to fee fair-ther, may turn to the Articles ATTHA action, N. Bay TOWN IN AP MILLOSPINY, GARVITATION, 25.
WILLAT has been fooke of the School Philospity, reminds us of Affringer; the Terms whereof have not been omitted in this Work.—Were it only that it has ence obtaind, it fill exemt in Books, and has given

been omstred in this Work.—Were it only that it has once obtained, is full exame in books, and has given coccumo to abundance of Terms and Phrafes, adopted into other Arts is would have a Tille to be remember. The Efficient of Mens Folless, for the installed Fonteneths, makes no final part of Learning and the Control of occasion to abundance of Terms and Phrases, adopted into other Arts; it would have a Title to be remem-

I fishold not have acquired my left, fishold I not interest mension wast may be alisting a on the contrary [xxxx—The carlous Reader, then, may expect, be will here meet with Omifitions, and there with Readmainter: here the result of the contrary of the property of the contrary of the c

ONE might palliate rhefe Objections, by alledging, that "they are things not peculiar to this Work, but "extent of and in the Kind; that most of "em are timings not foreign and accridents" to; but artief on necessary and the many of 'em, are not peculiar even to a Delchampy; and that many of 'em, are not peculiar even to a Delchampy; and that many of 'em, are not peculiar even to a Delchamp; he reverse to the reverse to a Delchamp; he reverse to the reverse

AS to Irregularitie, and breaches of Method, I will not claim Impunity on the Score of being the first that introduced any certain Rules, or Method into this way of writing at all: But there will be at least this satisfaction actualing my Cafe, that I cannot be indisted for the Breach of any Laws but my own.—Nor

must it be forgot, that I pretend to have earried the Dillionary-Way to a pitch hitherto little thought of : So that if I have fallen short of the Mark on one side; it may be some Atonement that I have gone beyond it in tradition have a model most tree wark on one life; it may be forme Anomement that I have gone beyond it in the life of the lif

responsely using a new time reactor left without his Chr.

As to Topmond, and Credity; no doubt there must be a dead of that kind, confidering the Time fo great
a Load of Fruit had to hing and rigen. Much of it was gathered ere it could profilely be natured a, for that tin an wonder it now and then talled of the Wood. But fetting afield this if a Man may not be allowed to fiy a good number of indifferent chings, in the Compus of five handred Sheets, I know not who would be an Anthor.

In Autono.

LASTLY, as to there being little in it new, and of my own growth; I must here change my Style; and from Confellion, turn to Vindication.—The Work is, what it ought to be, a Collective; in othe Produce of a fingle Brain, for that would go but little way; but of a whole Commonwealth. If any Perfon will an electrake to write a Dictionary, even of some one particular Art, from his own Fund, alone; a Man may fiely derake to write a Differency, even of fone one parisolar Art, from his own Fand, above, a Min may field, undertake to prove it good for robings. I do not premit no enterain my courts at this new, with just what my own fearly Burn afford: The whole Country is maniced to make 'tm the fuller Bunquet. Call rus what my own fearly Burn afford: The whole Country is maniced to make 'tm the fuller Bunquet. Call rus what along there as just to compute me to the Res, the Symbol of Indultry, as that of Frides. For the 1 pick up my Manten in a thousand Plenes y its not to look gar my felf, but to famility by own with Honey. I have ritized a described Flowers; prickly ones many of 'em, to load your Hive. No body that Edit in my way, has been with the summer of t

in it good.

NONE of our Predecessors can blame us for the use we have made of them; fince it is their own Practices of the property of the pr tice. It is a hind of Privilege attached to the Office of Leakographer, if not by any formal Grant, yet by Connivance at leaft. We have already affirmed the Bac for our Device 1 and who ever brought an Action of Tro-ver of Trefants against that avoided FreeDocce? If any body blanne us, I will ten to not be found of those when the Back of t

very Drones, who are fuftained by our means.

Combine at leaft. We have shready attimend the Bue for our Device, and who ever brought an Action of Trover or Tredjus against the an avoid Free-booker? It may body blanen up, we'll ten to not be form of those we're or Tredjus against the an avoid Free-booker? It may body blanen up. We'll ten to not be form of those of the advertised and the present and the presen

infinite ways, and no body knows where it will ftop.

infinite ways, and no body knows where it will top.

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"LTHAN OUT in the Whole, we have had a particular regard, both in the Choice of the feveral

"LTHAN OUT in the Whole, we have had been considered by the Whole of the Whole of the Whole

ing new Tracks, new Seens, new Villas. We have a work of the Whole of the Wh we have given me seamment, sounds, mameers, outnown, ear, or more managed and measured measur

kind. It may be faid, that every Art tends to give the Mind a particular Turn; and that the only way of maintaining it in its natural Recitude, is by calling in other operationes, by way of Counter-ballance. Thas we find nothing more perverted and undifferable than a mere Mathematician, merc Critic, Comanutarian, Chymrid, Poet, Herald, or the files s and the proper Disposition is only to be had from a just Temperament or Mixture of vena like.

ends, Peec, Herstell, or the like; and the proper Disposition is only to be had from a path Temperament of Missure of venal.

I OWN this is not the way to make a very great progress in any Art; but at the same time it is the only way to hinder our being field by only a and becoming Creature rather of Hancer or Ariffall's making, than God's; and receiving our Talles, with regard to personal Benefit. For no doubt the Publick is better provided from by the mere Pursiese of particular Arts, that the general Applies to all: fine each is hereby brought to greater Persicions, and the Misture and Temperament, wanting in the Individuals, is found in the Whole.

TO concided, the ultimate View of a Work of this, or any other kind, thould be the forming a Sound Mind, 1. a. System of Perceptions, and Nucleous agreeing to the System College of the Control of the his Power and Action; all the Improvements made in 'em, have a tendency to fubject us more entirely to his Influence and Direction 1 and thus make us confirer, and move more in concert with the reft of his Works, to accomplify the great End of all things. In which our Happines and Perfection confils 5 the Perfection of a fingle Nature, arting in proportion as it contributes to that of the To' IN TN.

ERRATA

N the Article Apple, Page 97. Column 1. Line als. for Centre L.

Article Concret Marrie, Lum 1. thir F foller Fig. 14.

Article Mine. Annualy, 1 ro. later Fig. 14.

Article Mine. Annualy, 1 ro. later Fig. 14.

Fig. 1

Note alone Joseph Tegy Sy, Collina L, Law ton, the Corticle L_{j} and Articlis Many Lawray, 1 You Sheffe F_{j} c. A Martin Many Lawray, 1 You Sheffe F_{j} c. He of Joyanny of a Loopelintain Caree, life of F_{j} 1 Hz. Research Lawray, 1 Lawray Caree, 1 Yu. See should also run with D_{j} 1 Hz. Research Lawray, Carel, VI. See should also run with D_{j} 1, 1 ke John Martin Lawray, 1 Lawray Lawray Lawray, 1 Lawray, 1

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N. B. The Figures relating to each Art are placed fronting the Name of the respective Art, in Let require sensing weath our are not peaced proming the Name of the reflective Art, it is the Body of the Bods, and are reflect to under that Title c. at. This Architecture, Tab. Goomery, & —To each Figure is also annext the Word for whose Exemplification is fives to that the Reader may either go from the Word to the Figure, which exemplifies it; or backwards, from the Figure, to the Word which explains it.

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OR AN

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O F

ARTS and SCIENCES.

A Vowel, and the first Letter of the Hughish Alphabet. See Letter, Vowel, and Alphabet; where what relates to A, confider'd in society of those Capacities, is deliver'd. The Grammarians will needs have

At the first Letter in all Languages; and fome of 'em affign a natural Reason for it, viz. that it is the most simple, and the easiest pronouncid of all articulate Sounds. To confirm this, Jul., Staligger observes, that A is the first Sound Nature parts forth at the crying or similing of Instants; and that it needs no other Motion to form it, but a bare opening of the Lips. See Voice.

See Voice.

Covarrantial, refining on this Sentiment of Seatinger, obGeovarrantial, refining on this Sentiment of Seatinger, obferres, very gravely, that the first Sound put forth by Boys
is A₂ but that Girls first put forth E₃ each promousing the
initial Letter of the Name of the first Parent of its relipetive See. Dr. Littleton, fetting John sittle, makes the one
vice with the Seating Seating Seating Seating Seating Seating

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freich he final, and the other the Initial Letter of the Samo of the Mothers of Maditials, Evol. 8 of 40 the English, Lettin, French, Sec. with the Julybo of the Heferen, or the English of the Artist. Those two Letters have to the English of the Artist. Those two Letters have to the English of the Artist. Those two Letters have to find of their feweral Alphabent. What four 'one fire slander, is, that the Go-General 3 are not Vescol. Sec Vow xx. two Construction of the Artist of the Artis

Mares j but on thôt of the Threat and Note, waith they commonly have. See Dembrakes:

This firl, finipleft Sound, yet ferve us to exprefs most of the Mavemens of the Soul. This for met the Language of Nature, their upon all fielden and extraordinary Occasions, we are necessarily led to it, as the Instrument readient at hand. With this we speak our Admiration, Joy, Anguill,

Averfion, Apprehension of Danger, &c. Where the Passion is year strong, we frequently heighten the A, by adding an Aspirate, AB, See Harras security height the Aspirate and the Aspirate Aspira Freunt a Neutry, and comes far front of the grois at of rise Germanis, which wou'd make our air, or aw, or a. In fome Words, however, as rails, costly flatly, &c. the a is broad, and deep ecough. Bur this, its object?d, may not be the man deep ecough. Bur this, its object?d, may not be the most beaut of a; but the Effect of the antient Orthography, which, as low as Q. Elizasabeth, added an us to the a, and wrote taulk, &cc.

wrote rauh, &c.

The Remark laid a mighty Streft on their \$a_3\$ and diffinguild locally, both in writing and fiecking, when it was locally, both in writing and fiecking, when it was it double, \$d_{bb}\$, for \$D_8\$, which we note that the street is double, \$d_{bb}\$, for \$D_8\$, which we note that the street in latered an \$b\$ teveen 'km, \$D_{ab}\$ is \$A\$ length they fell to the common long Accust Ida, \$a_2\$, \$b_3\$. Sea Accust.

A was one of the Numeral Lexters among the Antients,

A was one of the Numeral Lexters among the Antients,

See Constant was With a Daffu story, at it though they shall be a sea of the Antients.

and fignity'd 500. With a Dafh atop, 2, it froud for 5000. See GHARACPER.

**Biscount gives us a Set of antient Technical Verfes, wherein the Numeral Value of each Letter of the Alphabet is express'd; whereof this is the fifth.

Possidet A numeros quingensos, ordine rello.

But we shall here observe, once for all, that it was But we Intal here otherve, once for all, that it was son frictly among the Autons that this UG of Numeral Let-ters had place, as is commonly luppos'd. Helove Hiften-lenft, an Author of the VIH Century, affirms it expertly: Latini autom Numera ad Literus non component. The Uligo was really introduced in the Days of Barbatfin. M. Usige was really introduced in the Days of Earbertim. Me Cange, replaining what that Usige was, at the becoming of each Letter of his Goldgry, the generality of Dictionary of the Conference of the Goldgry, the generality of Dictionary they all fay, it found in Velerius Trybesis: whereas that Carge fays no fach things, but only that it is found in a Collection of Communication, among whom are Fellerius Trebus, and Peters Dictionary. Additionally the Conference of Communication, among whom are Fellerius Trebus, and Peters Dictionary. Additionally the Conference of Communication would be considered to the Conference of Communication and Conference of Conference o qui de numeris scripserunt, editim inter Gramm

qui de umarii firiferemi, catimu nure uramuni.
A is alfo us'd in the fluitae Calendar, as the fifth of the
A is alfo us'd in the fluitae Calendar, as the fifth of the
reven Dominical Lettera. See Dominicat.
Effabilithment of Chriffianity, as the fifth of the eight Manies
Letters is initiation whereoit it was, that the Dominical Letters were fifth introduced. See Nondinal.

A

A is also an Abbreviature, us'd in divers Arts, and with divers Intentions. See ABBREVIATURE. Thus, Among Logistanis, A is se'd to denot an universal Affir-mative Proposition; a according to the Verse,

Afferit A, negat E, verim generaliter Amba.

Thus, in the fift Mood, a Syllogifm confifting of three univerfal Affirmative Propositions, is faid to be in Bar-bara; the A thrice repeated, denoting fo many of the Propositions to be univerfal, Sc. See Moon, BARBARA, Sc. Among the Reman, A was ut'd in the giving of Votes, or Suffrage. When a new Law was proposid, each Voter or Suffrage.

we Suitinger. When a new Law was proposed, each Voter and two wooden Balless put in his Hand 1, the one marked with a Capital A, fignifying Antique, q.d. Autoputes only and the other with N. for Uir 1924. Such aware against the Law patting, east the first him to the Urn, as who flowed by I refujie I; I natiquate it of I like the antient Law, and define no Innovation. See Suitana Chartura, Suitana Chartura, Suitana Capital Capi

In the Trials of Criminal Causes, the fame Letter A de-moted Absplictus: whence Cares, pro Milose, claib A, Lit-ters (shitarrit, a Saving Letter. Three Ballons were diffri-bated to each Judge, marké with the Letters, A for Ab-pley. Cor Candenno, and N. L. for Non Laptert, it is not clear. From the Number of each call into the Urn, the Pratter pronounced the Printers' Late. If they were in equal number, he was addor'd. See Annotervine, Consideration

TION, ÉC.

In the antient Inferiptions of Marblet, &c. A occasionally finals for Angustus, Ager, Ainus, &c. When double, it denotes Angustus: and when titiple Auro, Argents, Are. Islaire adds, that when it occurs after the World Miles, it

Iffaire adds, that when it occurs after the Word Must, it denotes him young, See Inscription.

On the Reverte of antient Medals, A denotes em flruck by the City Argos. And among the later Coins, the fame Letter is the Mark of Paris. See Marata, Coin, Monara, English Writters, A is ordinarily used for Anne, as A.D. Anno Domini; for Armon, as A.M. A.D. &cc. See. CHARACTER.

GABARCTER.

Among Physicians, 2 or as, is us'd io Prescription for Ana 3 to denote an equal Partino of divers ingredients, whether in respect of Mediator or Weight. See An A.

Thus, B. Sal. Volat. Olog. Traff. Croc. as 3 S. expresses at Valuate Ologism, and Timilare of Softyme, of each half

an Owner. The fame a or as is also us'd in the like Sense, without expressing any limited Quantity or Weight: Thus, a or as

P. A. denotes fimply, equal Parts of the Ingredients there mention'd.

Lafily, among Chymifts, AAA figuify an Amalgama, of the Operation of Amalgamating. See Amalgamation. ABACTOR, a barbarous Latin Word, retain'd in our Dictionaries as a Law-Term, the never yet naturaliz'd, not its Idea agreed on

In Idea a speed on.
Livally, it imports the fame with Abigeur, or as other write, it, Abigeur, or Abigeur, or an other with it, Abigeur, or Abiguer, or Abigueur, or Abigueur

But the Distinction between Far and Abacter has now no place among us.

So, among the antient Physicians, Abactus was us'd for a Miscaringe procur'd by Arr, or force of Medicines; in con-tradiffiction to Abortus, which is Natural. But the Moderns know no fuch diffinction. See ABORTIO

ABACUS, among the Antients, was a kind of Cupboard, or Buffer. See Buffur.

In this Scole Livy, deferibing the Luxury into which the Romans degenerated after the Conquest of Asia, says, They had their Abaci, Beds, &c. plated over with Gold. Dec.

1V. Lib. ix.
The Word is Latin, but form'd from the Greek, digkt, which among that People fignify'd the fame thing. Gailburg goes higher: He derives digkt, from the Hibbrew 72M, extell, to be elevated, rais'd; and improfes its primary Signification to be a bigh Shelf, or other Convenience. for things to be laid upon out of the way.

Asacus was particularly us'd among the Mathematicians, for a little Table firew'd o'er with Duft, on which they

for a little Table freewid o'er with Dutt, on which they drew their Schemes and Figures. And hence the Ana.cus Pythogorieus, a Table of Numbers, contriv'd for the roady learning of the Principles of Arithmetic; deno-minated from its Inventor Pythogoras.

Hence also, from an Agreement in point of Use, the Names Absens and Abseo, are used among the English and Balians for an Alphabet, or A B C, Sc.

The Absons Pyrhosporieus was, in all probability, no other than what we call Multiplication-Table. See TABLE. Laddijus and Wolfing give us Methods of performing Multiplication without the help of the Absons is but they are no operate in ordinary Cafes for Practice. See MULTIPLICATION.

operotic nordinary Cates for Fractice, See MULTIFICATION,
ARACUS, in Architecture, is the uppermed Member of the
Capital of a Column; ferving as a kind of Crowning, both
to the Capital and the whole Column. See COLUMN.
Dr. Harris, and the cell of the Dictionary-Writers, make
the Absent to be the Capital it leify which is alweyether as
jult, as to make the Crown of the Head the whole Head.

See CAPITAL, and CROWNING

See Carrata, and Carmanno.

Firmonia, and dener nich him, who give the Hilbery of Firmonia, and dener nich him, who give the Hilbery of Firmonia, and dener nich him. The firmonia capatal care a quart Tile ladd over an Um, or rather over 2 lithies. An Alberton of Woman haspening to piece a Britter that covered over the Root of an Accassing. In the Tile should be a supplementation of the Cartan of the Carta

VOLUTS, CORINTHIAN, &c.

There is some difference in the Form of the Abscus in different Orders. In the Tuston, Dorre, and antient Ionic,

different Orders. In the Tuftens, Derre, and austent Eune, is a flat, quare Member, well enough repreferency its original Tile; whence the French call it Tuftens, Tuftens, Set Tuctas, Doare, and Iosac.

In the richer Orders it has iold its native Form, its four Sides, or Fixers, being arth dy or cut inwards; with form Ornament, as a Rofe, or other Flower, or Fither Tail in the middle of each Arch. Set Constitution, Set Source and Constitution of the Policy of the Tuftens and Tuften

fee allo Flowers, Sc.

But fome Architects take other Liberties in the Abacus,
Place, and Office. Thus, in But some Architects take other Liberties in the Ameeurs, both in respect of its Name, Piace, and Office. Thus, in the Tipleas Order, where it is the largest and most massive, as taking up one third of the beight of the whole Capital, it is fometimes call'd the Die of the Capital,—In the Dievil 'this not always the uppermost Member of the Capital, a Cyths not always the appearmont Member of the Capital; a Cymatiam being frequently placed over it.—In the Inne, forme make it a perfect Ogee, and crown it with a Fillet. See DIR, CYMATIVE, OGER, EVE.
Add, that the Absent is not confiantly reftrained to the Capital of the Column; Scamzesi using the Name for a concave Moolding in the Capital of the Tislean Federial.

Sce PERSTAL.

concern Monding in the Capital of the Taptan Federal. See A Language, demone the Gern, as Find See A Language, demone the Gern, as Hindepart of a Vettel 3 called also 4th. See Art. The Seen, Health yearing, is only the Outsides 2 dby Health years and the Capital See Art. As A Language Capital See A Language See A La

ABANNO, interasy canones the taking a numg sown, we bringing is lower, or take it in, as a Token of Submillion and Interesting to the Sea 2, where, to abofe a said Interesting Sea Exc While II. King of Systia, the Capture of the Sea 2, which is the Sea 2, which is the said the Sea 2, which is the Sea 2, w

the Royal Flag.

Abs/ED, Mostlife, in Hersidry, is applied to the Vol, or Manses of Engles, 55c. when the Tip, or Angle looks downward coward the Portor of the Skieldy, or when the Wings are that The neutral way of bearing 'em being fyroud, with the Tip pointing to the Chief, or the Angles. See the Her Tip pointing to the Chief, or the Angles. See Manses when their Points terminates in, or below the Canter of the California.

when their Points terminate in, or believ the Centre or the Shield. See Cravnon, Pare, Etc.

Again, an Ordinary is faid to be absfled, when below its due Situation. Thus, the Commanders of the Order of Matta, who have Chiefs in their own Arms, are obligid to absfle 'em under those of the Religion.

ACTIVENENT

ABATEMENT, in Heraldry, fomething added to a Coat-Armour, to diminish its proper Value and Dignity, and note fome difhonourable Action, or S Person who bears it. See Arms. retron who pears it. See ARMS.

The a little controvered among Authors, whether Heral-dry allows of any fach thing as regular Abstencents. Logb and Guillin, without any Scruple as to their Reality, give us feveral Kinds.

us feveral Kinds.

**Matements, according to the last of these Writers, are either made by Reversion or Diminusion,

**Reversion is either turning the whole Escutcheon upside-down; or the adding another Escutcheon, inverted, in the

former.

"Danisuries, is the blemsfrling any part by adding a Stain, or Mark of Diminution Sach are a Desf, a Phint Dieter, a Phint the Phint Dieter, a Chan, Genary, Grope, Andel, Dieter, Phint Dieters, Goan, Genary, Grope, and Javarys be either Tawny, or Murrey; otherwife, infined of Diminution, they become Addition of Honous, See Thawn, Machine of Honous, See Thawn, See

REY. EC.

The last Editor of Guillim discards the whole Notion of The Ist Editor of Guillian diferents the whole Notion of Intersectin, as a Chimera. He alledges, that no one in-times a Control of the Contro

in the Cafe of Treaton, where the Istanchoon is rotally re-verid, to intimate a total Supportion of the Horonary, by Colombiery, and others. But which, the they may fixed form extraordinary Reformments of Princes for Others, committed in their Prichea, do not amount to a Proof of fach Cultom or Predice; o much lefs supports the Belley particular Badges in the Hands of inferior Ordiners, at Maga-

at Arm.

Anyment, in Law, it us'd for the defeating or overthrowing of a thing, as a Writ, Appeal, or the like.

Anyment of the control of the control of the control

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and the control of the cont to some Variation between the Writ and Record 5 or to the Uncertainty of the Writ, Coans, or Declaration 5 or to divers on the Particulars. Upon any of which, the Defendant may reay that the Writ, or Plaint, may abute 5, i.e., that the Plaintiff's Suir may cacle for that time. See Warr. So we read in Strandford, The Appeal abutes thy Cavin; that is, the Accusition is defeated by Decett.—In the old

Nat. Brev. To abate a Caffile, or Fortier, is interpreted, to

ABAYEMENT is also an irregular Entry upon Lands, or Tenements, left vacant by their former Posterfor, and not yet laid hold of by the next Helt.

As he that puts our the Polleflor is faid to different; fo he that interpoles, or steps in between the former Polleflor and his Heir, is faid to abate. See Dissessin.

Coke on Littleton diffinguishes between Abatement and Intrufion; but the new Book of Entries renders Abatement

o. See INTRUSION ABBESS, the Superior of an Abbey, or Convent of Nuns

See ABBEY, and CONVENT.

The Abbejt has the time Rights, and Authority over her Nuns, that the Abbots regular have over their Monks. See

Among a service of the control of th

Quality, without any Cancern in the Mentilit. Life, took the faine Quality, a row fome of their Kings are mentioned in Hilberty under the Hilber of Mohrn. Pulls of Mohrn. Pulls P. Loust VI, and attenues the Duken of Orbitans, are could Abbers of the called Abbers of the Monathey of S. Harry, a Pullstrary, and the Earls of Anjus of S. Aulin, Sec. White Angular of the Canada and Canad

So. Moré and St. Parin de the Syriac Albheir held Greeky by earlion it was three commonly known in the Synaigness, and the primitive Alfarbhies of the Christians, adoing to it, by vary of Intervention, the Weal Cherry, Abble swells, it by vary of Intervention, the Weal Cherry, Abble swells, The Name of and Abble, which at first was a Term of Tencherois and Abble, which at first was a Term of Tencherois and Abble, which at first was a Term of Tencherois and Abble, which is first was a Term of Tencherois and Abble, and the Abble Cherry and Chalates, became at kength a Tube of Dignity and Honour. The Yere fill Dockes affiched it, and one of their most anticate the containing the Saying, or Apostops of divers of em, is cantided, "Park abble," or Jerosh, I. c. Chapter of the Twas in allufion to this Assectation, that Jefus Christ for-

bad his Diciples to call any Mass their Father on Easth: which Words S. Terow turns against the Superiors of the Monsileries of his Time, for affuming the Title of Abbots, or Fathers.

or ramers.

The Name Abbot, then, appears as old as the Inflitution of Monks it folf. See Monk.

The Governors of the primitive Monafteries affum'd indifferently the Names Abbots and Archimandrites. See Az-

CHIMANDRITES.

They were really diffinguish'd from the Clergy, the fre-quently confounded with 'em, because a Degree above Lay-men. S. Ferom, writing to Helbodorss; lays expressly, Alia Monachurum est Causa, atta Christorum. See Clerkor, PRIEST, 85c.
In those early Days, the Abbots were subject to the Bi-

In those early Days, the **Aboost were twoject to the Brings, and the ordinary Pallars. Their Manaliaries being remote from Cities, built in the Brithell Sollutest, they are no fister in Eccletalitical Affairs. They were on Sundays to the Partih-Church with the relt of the People: or, if they were root remotes, a Prielt was ferl ern to administer the Sacraments, till at length they were allow to have Priela or that own 2004. Architectural building was considered to the Partin Cities of the Partin Cities and Par

or Archimandrite himfelf was usually the The Abbot, or Archimsndrite himfelf was usuall Prieft: but his Function extended no farther than to the ritual Affiftances of his Monaftery; and he remain'd fill in

ritual Attitances of his Monattery; and he remain'd ftill in obedience to the Billion.

There being among the Abbort feveral Perfons of Learning, they made a vigorous Opposition to the rifing Herefies of thole Times; which fird occasion'd the Billions to call 'em out of their Dektre, and fix 'em about the Suberbs of Cities; and at length in the Cities themselves: from which Exa their at length in the Cities themselves: from which Exa their Degeneracy is to be dated.

Demensary is to be dated.

The Abbars, now, from were off their former Plainness
and Simplicity, and began to be locked on as a form of interpretate. In time they would be independent of the Bittlery
and became (a infraportable, that sime fevere Laws were
made againft are at the Council of Chelecters: This neverthflanding, in time, many of 'em carry'd the Point of Independency and ago the Appellation of Lordy, with other thanung, in the Appellation of Lora, with the Appellation of Lora, with the Badges of the Epicopate, particularly the Mirre. Hence arole new Species and Diffinitions of Albons, Mirred, and not Mirred is Crozier'd, and not Conser'd, Occumentical, Cardinal, &c.

were those privileged to wear the Mirce,

menical, Cardinal, &c.

Altired Anors, were those privileg'd to wear the Mitre; and having, withal, a full Epitoopal Authority within their forwird Precision. Among us, their were also all Albors footwirgs, and Albors general; and were Londs of Fairment. Of their Ste Edward Code, be for England, bender two Mitred Trens. See Paron.

The rest, who were not mitred, were fulled to the Do-

ceian.

Peri Hay, a Benediffine Monk, in his Book entitled Afternum Investmellum, maintains, that the Abbass of his Order have not only an Epiflopai, but even a Papal Jurifalfitim; Perifature angal Epiflopalem, ima quaff Pepiflam; and as fach can confer the lower Orders of Descon and Subdeacon.

When the Abbus first assum'd the Mitre, the Bishops made heavy Complaints of their Privileges being invaded by

There are fome Crozier'd and not Mirred; as the Abbot

of the Benedictine Abbey at Bourges: and others, both the one and the other.

one and the other.

Among the Greks, tome even took the Quality of Decimental Ablets, or Universit Ablets, in Instation of the Particks of Configuration, the Configuration of the Particks of Configuration behind em in that refrect; The Ablet of Cony, in a Council held at Reas, sident did to The of Ablet Ableting, Ablet of Ablets; and Pere Calestai, gave the time Ablet the Third of Gardant Ableting and Configuration of the Ableting and Ablets, See Capacity of the Careful and Ablets that the Abletin Ablets is the Abletin Ablets of Careful Ablets of

Abbest, See CLUNY.

To fay nothing of other Cardinal Abbest, thus denominated from their being the principal Abbsts of Monasteries, which came to be separated.

Abbets, again, are now chiefly diffinguish'd into Regular,

and Lammendatory.

Aznors Regular, are real Monks, or Religious, who have taken the Vows, and wear the Habir of the Order.*

See RROULAR, RELIGIOUS, VOW, &c.
Such are all Mobels prefaind to be 5 it being expressly provided by the Carons, that none but a Monk have the Com-

mand over Monks.

Assors in Commendam, are Seculars; the they have un-dergone the Tonfure, and are oblig'd by their Bulls to take Orders when they come of Age. See Secular, Toxsure, &c.

The recommendate infiniates, that they have only the Administration of their Abbies for a Time; yet do they hold, and reap the Fruits of 'em for ever; as well as

troy bods, and resp reputs or one are every as wear, the England Abby the reputs of the England Abby the ma full Power test in Spiritualisiar, spann in Ventprofilius. And yet, "is true, that the Commendatory Abbots do not perform any Spiritual Offices, nor have they any Spiritual Junfülütlon over their Monks, So that the Plante in Spiritualishia, is rather formething of the Roman Selle, than a Roality.

Some of their bell Canonities and the Commendator in the

Some of their both Canonidis rank the Canonicatan in the Number of Benedicts, inter titude Engineerium. The son more than a Canonical Tiles, et revisions to explore the contract that a Canonical Tiles, et revisions to explore the teasurement of Canonica one but the Faps, by dispensing with the east too Canonical Ca Countrymen have numbied, in that Dispute about the Inventor of the Lines for transforming of Geometrical Figures, call by the French the Robervallian Lines. Dr. Gregory, in the Philisphical Transfellions, Anno 1994, rallies the Abbot Galleys, who held the Abbot of S. Martin de Cores, in the Commendant, with being a Monk: 'The good Father, lays' the imagines was an example lines that China has a Commensors, with being a Monk: 'I no good Father, tays
'he, imagines we are returnd into that fabulous Age where
'in a Monk might be allow'd to fay what he pleas'd.'
Which Faffing the Abbot takes hold of, and return's
Railleys, win lotereft, on the Doctor, in the Memoirs de l' Academ. Anno 1705.

The Ceremony whereby Abbess are created, is properly call'd Benediction; or formetimes, the abusively, Conference

tion. See Benediction, and Consecration.

INEA. SEE HERDEN'TYON, AND CONMERCATION. It amining homeline the think with the Habit call'd Caculla, Cowl ; parting the Falleral Staff in his Hand, and the Silver call'd Staff in his Hand, and the Silver call'd Staff in his Hand, and the Silver call'd Staff in his Hand, and the Silver call of the Manuscut of Treader Archibility of Clutterbury. The Title Albeit has allo been given to certain Billinga, by reason their Sees had originally been Abbeys; and that they were even elected by the Manuscut Deck are those for the way were even elected by the Manuscut Deck are those for the way were even elected by the Manuscut Deck are those of

they were even cleided by the Monks: Such are those of Catasses and Marrest, in Selfy, Seo Bission. The The fame Appellation is extended to the Superiors or Ga-The fame Appellation is extended to the Superiors or Ga-S. Genezieves at Paris. Suc Clavos, Class virus v. §6. Amore is alie a Title baye by leveral Maglitzset, said other Layl-Roins. Among the Grassey, one of their princi-pal Maglitzset was call'd the Johns of the Provisc. 1997, he was a superior of the Provisc. 1997, he was present Lords and Contract, who having the lai-

there were feveral Lords and Courtiers, who having the

there were leveral Lords and Courters, who naving the in-fraction of certain Abbeys committed to them, were flyld Abba-Courter, or Abbey-Courts, Soo Abbary, Court, Sc. ABBREVIATURE, or ABBREVIATION, a Contrac-tion of a Word, or Patlige; mind by dropping from of the Letters, and Buffituting certain Marks, or Characters in their Place, See Symbol.

Lawyers, Physicians, &c. use abundance of Abbreviatures;

ike the Greeks and Latins, by retrenching fome of the Letters, or Syllables thereof; but they frequently take away all but the initial Letter. Thus, 7 Hands for Rabbi, and R Hands for DR, 2DM or TEN according to the Piace is found in it is found in.

it is tound in.

But what is more, they frequently take the initial Letters
of feveral faceceding Words, join 'em together, and adding
Vowels to 'em, make a harbarous fort of Word, reprefentative of all the Words thus abridg'd. Thus, Rabbr Schr-The or all the Words thus shridged. Thus, Rabb Schellenb Jorrbi, in the Jargen of the Hebrew Hilliam Resident is call Raff; and Rabb Miles be Missionen, Ramban. And thus again, NID is put for the Theory of the Dommin in ability events I fram.

Morrorest. Does 4/2 - re-

Domm in abotto everit Iram. Merceru, Douid de Pouis, Schindler, Buxtorf, &c. have given Expications of this fort of Ciphets. The most copicus Collection of Ruman Abovenitions, is that of Sevietim Urfatus, at the End of the Marmora Arundella, Serverin Urfati Equitis de Notit Remanerum Communication. The Word is derived from the Latin brezu, of the Greek

ABBREUVOIR, or ABREVOIR, in Mafonry, the Joint, or Joncture of two Stones; or the Interffice, or Space left between 'em to be fill'd up with Mortar. See STONE, MOR-

between cm to be in a up with source, see synthesis, and iterally denotes a Watering-place.

The Word is French, and iterally denotes a Watering-place.
ABBROAGHMENT, an obloice Term in fome of our antient Law-Books, for the Act of ingeoffing, or buying up a Commodity by Wholefale, in order to fell it off by Retail.

See FORESTALLING. See Forestalling.

ABBUTALS, among Law Writers, denote the Buttings or Boundings of a piece of Land; expressing on what other Lands, Highways, or the like, the feveral Extremes thereof do abut, or terminate. Thus, in Croke, the Flaintiff is fail to fail in his Abbutals, i.e. in ferting forth how the Land

In flrictness, 'tis only the extreme Corners are faid to abut; the Sides are faid to be adjacent. Laters autem

nunquam aiunt Abuttare ; sed terram proximam adjacere.

The Word is apparently form'd of the French shouter, to terminate upon. The Canden advances another Etymology.—

'They who have wrote of Limits, fay, that certain Hillocks of Farth, term'd Betentines, were placed there-in, by way of Marks: whence, perhaps, our Buttingt, and Boundiers.

ABDICATION, the Act whereby a Magistrate, or Per-fon in Office renounces and gives up the fame, for himfelf, and his Heirs. See RENUNCIATION.

Abdication is frequently confounded with Resignation;

bat, firstly speaking, there is a difference: Abdication being done purely and simply; whereas Resignation is done in favour of some third Person. See RESIGNATION.

in layour of some third Ferion. See RESIGNATION.

In this Sente, Discletias, and Careles V. are faid to have abdicated the Grown; Philip IV. of Spain refiged it. The reliamont vetod King James's Violation of the Laws, and his quitting the Kingdom, without providing for the due Administration of Affairs in his ablence, to import an Abdication of the Crown.

earim of the Cown.

Among the Raman, Addication was allo ut'd in oppolino to Adoption; Thus, a Father was faid to addicate the dislockater line. So, Atoperton.

Committee, or Atoperton.

The Adoption of the Adoption of the Committee, the title of the Committee, that the addicated See was bound the Father's Family, and cur of from the Saccelline by a folian Ado, during the Father's Life: whereas Enheredation only took pale in vierce of the Tellment. See Gentain 2014, and Addicate the Committee of the Committee o

Anatomists divide the Body into three Regions, or Ven-

Anatomith divide the Body into three Regions, or Venera; the Head in Plemar, or Bearly, and the Johismer, or Belly, Abbinsely to call is being the lowest Born of the analocation to the Body of the B and HERNIA.

It is cover'd and defended with five Pair of Mulcles which one only defend the Fifters, but by their alternate Resization, and Controllation in Reflations, promote the Resization, and Controllation in Reflations, promote the Controllation, the Certify of the Adduster is freightened, and promotes the defender of the Controllation, the Certify of the Adduster is freightened, and promotes the defender of the Controllation of the Fifters where the Institutes. They are the proper American the Controllation of the Fifters where the Controllation of the Fifters in Particulation. See Materials responding to the Spinders of the Addustry, Discussion, See Materials responding to the Spinders of the Controllation of the Contr

CRETION, DELIVERY, &c.
Thefe Mucles are the Obliqui Descendentes, and Assen dentes, Emea alba, Recht, and Pyramidales; fee each under its proper Article, Onliques, Recrus, Pyramidales, fee Cach under The Abdomen is fubdivided into three leffer Regions, or Cavities: the uppermost, call'd the Epigafrie, commences from the Diaphragm and Cartilago Ensiformis, and terminates two Fingers breadth above the Navel: The second,

call'd the Umbilical, begins where the former ends, and can't the Committee, sogiar white the interesting, sogiar treadth below the Navel: The third, call'd the Hypogaffric, defends as low as the Os Pubis. See Erigastric, Unsuitation, and Hypogastric.

Bach of these Subdivisions, the more accurate Writers

divide further into three Parts; a middle, and two lateral ones, the Hypochondriums. The middle part of the Umbilical, is call'd the Umbilicas, or Navel; and its lateral Parts the Lumbi, Loins: The Middle of the Hypogaltric, Fart the London, Lone 1 and Induct of the Phylogaette, is call'd the Hypograftism, and its Sides the Hila, or Flanks. See each under its proper Place, Evicarratum, Hyrocinon-ratium, Unshittes, Lonass, Sec.

A BDUCTION, in Logick, a kind of Argumentation, by the Greeks call'd Apogage, wherein, the greater Extreme is crideatly contain'd in the Medium, but the Medium not 50

evidently to the lefter Extreme as not to require fome fur-ther Medium, or Proof to make it appear.

Thus, in the Syllogium, All webom God abfiles are free of Sin; but God abfiles all web are in Chrift: Therefore, all web are in Chrift are free of Sin. The Major is evi-dent; but the Minor, or Affumption is not fo, without fome

sours jour toe Minor, or Attumption is not to, without former other Proposition to prove it; as, God took Satisfaction for Sin is the Satisfacting of Politi Clerik.

Sin is a the Satisfacting of Politi Clerik.

The satisfaction is now to the Proposition affunced.

ABBUCTOR, or ABBUCENT, in Ansteavy, a Name common to Fever all whicks, which Action is the whiteleasting, opening, or pulling back the Parts they are fixed to.

See Muser.

The Name is Latin, compounded of ab, from, and duce, I draw: Their Antagoniths are call'd Adductores. See Ap-

Annucron Auticularit, or of the little Finger, arises from the Annular Ligament, and the third and fourth Daos of the Carps in the itecond Rank; and is inferred externally into the fart Bone of the little Finger: it ferves to draw that Finger from hereld. See Fishers to the Carps and the Carps of the Carps of the Carps and the Carps of t

Andreword Indices, or of the fore Finger, arises from the infide of the Bone of the Thumb, and is inferted into the

first Bone of the fore Finger, which it draws from the reft towards the Thumb. ABDUCTOR minimi digiti manus. See ABDUCTOR Auri-

cularis. Aspueron minimi digiti pedis, or of the little Tee, arifes from the outside of the Os Calcis, near the exertion Bone of the Metatarfits, and is inferred laterally into the outside of

the Metafaryii, and is intered laterally into the outflied or the focood Bono of that Toe, which it palls from the reft. Appearon Pallicis, call'd also Themse, fprings from the Annular Ligament, and first Bono of the Carpus; from whence patting to the Thumb, it makes that fielthy Body called Mons Lume: It draws the Thumb from the Fingers. Appuron Pollicis pedis, or of the great Tee, prings from the infide of the Os Calcis, and the greater Os Cumer-forme, and is inferted into the outfide of the exterior Os

Selamoideum policis: It ferves to draw the great Toe from the reft. See Toz.

the relt. Scc Toz.

ABDUCTON Genil, or of the Eye, is one of the four Relli,
or first Mulcles, arting from the bottom of the Orbit, and
firead over the fift proper Toule; ferving to draw the Eye
towards the outer Catthus. See Eve, and Recvt.

ABECEDARY, ABCEDARY, or ABECEDARIAN,
fomenhing Alphabetical, or belonging to the Alphahet. See

ALPHABET Among the Antients, the Term Abecedarius was pecu-liarly applied to those Compositions wherein the initial Letters of each Strophe, or Cometimes even of each Verse, follow'd the Order of the Alphabet.

Such, in Holy Scripture, are the CXVIIIth Pfalm, and the Lamentations of Freely: from which it flould feem, as if the Hebreus had been the Inventors of this Kind of Poetry; contrived, no doubt, to affilt the Memory.

ABELIANS, ABELONIANS, ABELOTTES, a Seed of searched, as given the first from Higher commonstration of observations and the first from the fir

Reaton of the Denomination.

Some will have 'cm to have built on that Text of St.

Paul, I Cor. vil. 29. Let they that have Wrees be at though
they had none. A late Writer concludes, that they regulated their Marriage on the Foot of the terrefinial Paradile 5 lated their Marriage on the Foot of the cerrefrial Pandile 9, alledging, that there was no other Union between Ada an and Eve, but that of Hearts. He adds, they had likewife an Eye to the Practice of Abel, whom they held to have been married, but never to have known his Wife; and from him they deriv'd their Name.

him they derivd their Name.
Another Autor observe, that it was a Tradition current
throughout the Edit, That Mans conceived so much Socrow
for the Death of Med., that he was 150 Years without having to do with Env. This, he flews, was the Sentinent
of the Group Dobbers; from shown the Fable was trailmitting to the Made: And hence it was, according to Gigent,
and the Medical social social

that Yan/I Thekets, in Action, came to fignify, to affaint from met Wiff, it Concludes, that he is the most mitta-ken Ferlos in the World, or the Story had reach? Affrice, and from contain both to the SeC, and the Name. An and from contain both to the SeC, and the Name. As the Death of Alle, remained a long time without any use of Marriage; and till the Time when he begot Arth's but to fay that this was 15 Years is a manifelt Euro, and convary to their own Chopologies, which place SeV's Birth in the 31th Yan of the World, or of Admin Life ja as may be found in their low Selfer Unions.

Abarbanel fays, it was 130 Years after Adam's Fall; as believing, with the other Rabbins, that Cain and Abel were conceiv'd immediately after Adam's Transgression. But, say others, be this as it will, whether a Continence on occasion of the Fall, or of Abel's Doath; 'twas the Continence of Abam, not of Abel, that these Hereticks imitated; who, on this footing, should have been call'd Adamites, rather than Abelians.

In effect, 'tis more than probable, they took their Name from Med, for no other Resion, but because they had no Islue more than Med: Not that he lived in Continence after Marriage; but because he was kill'd before he had

ABETTER, or ABETTOR, in Law, one who incites, incourages, or fets another on to perform fomething criminal; or fome way feconds and affifts him in the Performance is

Thus, they who procure others to fue out faile Appeals of Pelony, or Murder against Men, to render em infamous, are particularly denominated Abetters.

So, Abettors in Murder, are fuch as advife or procure a Murder to be committed, or are accessory thereto. See MURDER. There are Abettors in Felony, but not in Treason: the Law looking on all those concern'd in Treason as Principals,

TREASON.

See Trataon.

AREYANCE, or ABBAYANCE, an chôicet Law-Tenn, whole precile Signification is not enfly spathed a horselp been out of data a long good a Timeron's Days, the state of the state

sue rectum fore in subbus.

Sit Edward Coke observes, that among the antient Lawyers, things that are in posse only, and not in esse, are said
to be in Abeyance; q. d. yet undetermined, and only in Exyellation.— Pute wondown suits definite, and sensentia comprobate sed sum advac in expectations.

This he confirms from the Etymology of the Word, from

This be coekims from the Etymology of the Word, from the French or Flemily Bayer, or Beer, to gape or wait for any thing with a longing Define.

De. Harris, improving formewhat on his Authorities, fays, Mayance fignifies a Thing's being only in poffs, and not in all in. Thus, adds he, when the Parlon of a Church dies, and the Church becomes void, the Fee is in Mayance; he cause it is not determin'd who shall succood him.

In this Scale, our Abeyance may be compar'd to the He-redites Jacons of the Civilians. 'Tis a Principle in Law, That of every Land there is a Fee-simple, or it is in Abey-San Bur. Simbl.

AB-INTESTATE, in Law, the Heir of a Person who died intestate, and yet had the Power of making a Testa-

ment. See INTESTATE; and HEIR;

ABISHERSING, an anticat Law-Term, denoting a beng free, or exempt, from all Americaments for Transgreffions of any kind. See AMERICAMENT.
This Word, in a Charter or Grant, gives the Proprietor
not only the Forfeiture, and Americaments of all others for
Transforffor committed which is he are the selfcommitted which is the selffield which is the self
Th Transpressions committed within his Fee ; but also exempts Transgressians committed within his feet, but also exempts him from all fack notioned by any within that Compass.

According to Stelman, it originally fignifies a Forfeiture, or Americamen; and floated rather be wrote Milberging, Milberging, or Milberging, October Research and the Compassion of the

tion of an Error, Herety, or talle Dictation. Occ Accessing to The World in General of the Latin Adjurates; which in Genera, and other Reman Writters, figurines the denying a thing upon Oath. Thus, Adjurates eventions, was to Feerz a Dats, or to deny the owing the Control of to pay him the Obedience of a Subject. See OATH, ALLE-NCE, Ec.

ASPURATION is also us'd in our antient Customs, for a fower Banishment for Life 1 or an Oath taken, to for ake the

Realm for ever. See BANISHMENT

This, in fome Cafes, was admitted from Criminals in lieu of Death. The Devotion for the Church was fo warm, from the Time of Edward the Confessor to the Reformarion, that if a Man having committed Felony, could recover a Church or Church-yard before he were apprehended, it was an Afylum from which he could not be brought to take his Trial at Law; but confessing his Crime to the Justices, or Coroner, and abjuring the Kingdom, he was at liberty.

See AFLEUN.

After Alligration; Code was given him, which be wan After Alligration; and with Hallyway, till how as per care of the Chirgh Dominion, which was called the Bossov of the Chirgh Dominion, which was called the Bossov of the Chiral to Bossov of the B

ABLACTATION, in Gardening, a Method of Engrafting, more usually call'd *Insecting*, or *Grafting by approach*.

See Graftino.

Abottlation is only predictable where the Stock to be grafted on, and the Tree from which the Graft is to be transported to the stock of the stock and pare it ways, both the Rind and Wood, the length of three laches; a tene, paring likewisif the Stock, for that they may join clothy to each other, they bind can together, and cover 'em over with Cisy, or Crafting Wax. As foon as they are found well incorporated rogether, the Head of the Stock is to be cut off four lackes above the Bindings and the Syring following, the Graft: leaving the Stock to fathility by it felf.

by it fel?

Or, the Operation may be done, by carting off the Head of the Seeds at fell, and leaving the fell of the Seeds at fell, and leaving the Schooler Geriffey, But that Method is not found equally function, and the Method is not found equally function, and the West of glossly figures the country. Child from the Aller Method is not found to the Control of the Seeds of the S

Sec CASE The Ablative is opposite to the Dative; the first expref-fing the Action of taking away, and the latter that of giving, See Dative.

See Datter.

The Word is Latin, form'd ab auferoude, taking away.

Prifician also calls it the Comparative Case; as forming, among the Bartin, for comparing, as well as taking away.

The Mateive Euroc andwers to the just Idea of a Case; at least, it is the most vague of all others. Twill be shown in Place, that the English, and other modern Tongues, have

properly no such thing as Cases: but even in the antient Languages, from which the Notion of Cases is borrow'd, the Ablation is only a fort of Supernumerary, or Supplement to the Cafes.

The five proper Cafes not being found fufficient to express all the Relations of Things to each other recourse was had to an expedient; vie. the patting a Prepulition before some of the other Cases; and this made the Ablative. See Par-

POSITION It may be added, that in the plural Number, the Atlation

It may be added, that in the pleast Number, the Allestice is illimore obleast; a being only the Derive represent, its illimore obleast; a being only the Derive represent, in path the Allestice from other Cales, and we only 46 the Term in analysy to the Letter. Thus, to the row Plantice, The Mangallocate of the Copy, and the fights much of the Copy we try, that of the Origin the afile of Constitute, and Copy we try, that of the Origin the allestic of the Copy which were the Copy of the Copy and the fight of the Copy Plantice were expected in Letter, and could be for, if the two Plantics were expected in Letter, and the Copy in the ABLILIN'S, Athentis, in Mudient, a Nume from Anthon give to thois Resemble, better known under the Nume of Dilletter, and Allefogueria. See Decrease, and

ABLUTION, in Antiquity, a Religious Ceremony, in use among the Romans; being a fort of purifying, perform'd by washing the Body, ere they entered on Sacrifice. See SACRIBICE.

Sometimes they wash'd their Hands and Feet, sometimes the Head, and oftendines the whole Body: For which perpose, at the Entrance into their Temples were plac'd Vessels and of Matble Triumphant (as Du Choul calls it) fill'd with Water.

füll wirk Water.

This Caihon, wirhout doubt, they learnt from the Jewis, fines as read in Scriptore, that Solitone plac'd at the Entry lime to Permy and the Carlot of th

of the Hoft. The fame Term also fignifies that which serves to wash

Inc same Term also agoines that which ferves to wash the Hands of the Pricti who conferrated it.
Ablutrons, in Phannacy, is a Preparation divers Remedies undergo, by washing 'em in Water, or fome other Fluid, proper to cleanse and tree 'em of their Impurities. See Levion.

The Word is femetimes also used, the with less Propriety, for the washing, or infusing of certain Medicines in Water, to freshen 'em, and dissolve their Salts; call'd Dutcifying.

See DELEVIEVA.

ADOLITION, the AB of undoing, deltroying, or throwing, a Thang out of all.

ADOLITION, the AB of undoing, deltroying, or throwing, a Thang out of all.

Abdition of a Law, Statute, or

Cultom, it he abrogating or repaining it. See AssocaTION, REFAILING, STATUTE, Eff. and Statute, or

So, the Laws girm by the King or Jedge, to a criminal

So, the Laws girm by the King or Jedge, to a criminal

So, the Laws girm by the King or Jedge, to a criminal

So, the Laws girm by the King or Jedge, to a criminal

The Word is found of the Laws Abdone, its estimpure

The Word is found of the Lawin Abdone, its estimpure

& delete, at me olcat quidem.
ABOMASUS, ABOMASUM, or ABOMASIUM,

ADDMANUS, ADDMANUS, or ABUMANUM, in Comparative Anatomy, one of the Someakt, or Ventrieles of Animals of the ruminating Kind. See RUMINATING. Beafts that chew the Cad are found to have four Stomachs, view. the Rumen, or Magnus Venter or Stomach, properly to call'd, the Resievalum, Omessia, and Abomassas. See RUMINATION, &c.

RUMINATION, &c.

The Aboundifus, popularly call'd the Mero, is the laft 2 being the Place wherein the Chyle is form'd, and from which the Food defeends immediately into the Intellines.

It is full of Leaves like the Omafin; but its Leaves have this particular to 'em, that bedide the Membranes they confill of, they contain a great number of Glands not found in

this particular to cm, that bedde the Memorians they con-fill of, they contain a great number of Glands not found in any of the reft. See OMASUS, 55c. "His in the Momnifies of Calves and Lambs, that the Ren-nct or Earning is form'd, wherewith Houfwifes turn or cardle their Milk. See RENNEY.

ABORIGINES, or ABORIGENES, in Geography, a Name formerimes given to the primitive Inhabitants of a Country, or those who had their original therein; in contra-

diffinction to Colonies, or new Races of Inhabitants, deriv'd from elfewhere. The Term Aborigines is famous in Antiquity: The now

an Appellative, 'twas originally a proper Name, given only to certain People of Italy; and both the Reason and Origin of it are greatly disputed among the Learned: The principal Opinios with regard thereto may be reduc'd to four. The first is that of Aurelius Victor, who will have 'em called Aborigines, q. d. Aborigines, Vagabonds; of ab, and erro, 1 wander here and there; and maintains, that

ABR ABR they were the Septhians who came and fertied in Italy.

this Sentiment Follus adheres. this Sentiment Folkus adheres.

4d, S. Fermi stys, they were called Aborigines, as having
no beginning 50 ab, and orige, original 51 c. as being etgenally of that Country, and not a Colony derivel from elfewhere 10 c, as Halternreflent expelients, the w swisser rise
per 'avis defer as being Chiefs, or Leiders of the Race that
inhabited that Country. Of this Opinion Virgil terms to be
Zhanet. L. Vil. ver. 171.

Saturuufque Senex Janique bifrontis imago Vestibulo adstabant, aliique ab origine Reges.

For, according to the Remark of Servius, ab origine Reges, here flands for Aberiganum Reges. To which it may be added, that Pling, L. IV. calls the Tyrians, Aberiganes Gadium, the Aberigines of Cadix; as being the Founders thereof.

adiy, Dion. Halicarmaffous takes 'em to have been called Aborgines, Aborgines, from their inhabiting the Mountains; as who should say, Am' see, A Moultains; Which Notion seems favour'd by Virgil, Æneid. L. Vill. ver. 321.

Is genus indocile ac difperfum montibus altis Composuit, Legosque dedit.

Lafty, Others hold, that Cham, the Saturn of the Egyp-tiant, having gather'd together divers wandring Nations, conducted 'em into Italy, and that their were the Absrigues. Livy affirms, they came from Arcadia, under the Conduct of Lavy, untimin, they came from Arcasias, under the Conduct of Ocnetirus Son of Lyacons, Cembrard will have 'em the Phenicians, or Canasantes expell'd by Julius.

ABORTION, in Medicine, an immature Exclusion of the Feets; or the Delivery of a Woman with Child, before the Intelligent Toron, when the Medican Conductive Co

the legitimate Term ; popularly call'd Mifestriage. See Du-

LIVERY, &c.

This may happen at any time of Pregnancy; but if before the fecond Month after Conception, it is properly call'd fore the fecond Month after Conception, it is properly call'd a falle Conception. See Conception.

We have Inflances of Abertions by the way of the Mouth, the Anns, the Navel, Eds. See Forews, Handro, Eds.

The until Caufes of Aberties, are immoderate Execution, violent Motions, fadden Paffions, Frights, Ed. Other Caufes are the largeness and beaviness of the Fatur, Intra-

Genies are the largeness and heavness of the Kestis; Insta-tions of the Womb, Relaxation of the Ligaments of the Pil-sents, Weaknels, and want of Nourishment in the Fatus 3 excels of earlies, long falling or walking, the use of Paulis for the cell, any thing that tends to promote the Menfes. The Normonous pfisally preceding, are a Fever, either The Normonous pfisally preceding, are a Fever, either

The Symptoms ufually preceding, are a Fever, either ntinual or intermitting; Pain in the Loins and Head, heavines in the Eyes, a bearing down and Constriction of the Abdomen. When the Time of Milearriage is just at hand, the Pains are much the fame as those in Labour. See Da-LIVERY.

Abortion is dangerous where the Time of Pregnancy is far advanc'd fo that the Fatus must be large, where the

for advanced to this the Ferru must be tage, where the Caudis is very oblices, the Federa Brooky consuled, a large Caudis in very oblices, the Federa Brooky consuled, a large Under other Circumfiances is rarely peores mortal. The Terratures is to be adapted to the particular Symp-tons and Gircumfiances is the Federa Brooky Brooky to the Caudis Symptoms of the Caudis Symptoms and Gircumfiances is the Federa Brooky copied. In acid of Flooding, records is to be had to proper Afringeons 5 or if shock flow, to Tomonstation, logicition, and Suffungingeous in 3 Tologistum states, Albaberto in to be as 41, ed if there be an habitual Laxity of the Uterine Veffels,

ABORTION is also used where the Child dies in the Womb ; the it remain there many Years, or even as long as the Mother live

ABORTIVE, fomething come before its due time, or be-fore it has arriv'd at its Maturity and Perfection. See A-

CORTION. F. Jerom Florentius has an express Treatife of the Bap-tifm of Abortives, or abortive Children. His Aim is to fliew that an Abertiev may, and ought to be baptiz'd, at what Time or Term forver it come into the World; by rea-fon the precife Time when the Fatus begins to be animated is not known. There are feveral curious and uncommon Things in this Work, which is intitled Honso Aubius, five de bestelines Horitorium. Lugd. 1674. 470. Anontive Pelom, is that made of the Skin of an aborsive

ARRAYTE From, IS TANK TRACO OF THE OWNER OF THE ARRAY AND ARRACADABRA, Son Inferjeon, antienty used as a Charm or Spell, fee the cating of feveral Diffsides, and driving our Devils. See CRASM, PRYLACTERY, Ed. The Author of this piece of Superlition, who is faid to have lived ander the Emperor Advisas, form'd the Name that of the Delity he advoced, Abragias, or Abragas, Son that of the Delity he advoced, Abragias, or Abragas, the Control of the Control whom he made God-paramount; having feveral petty Divi-niries under him, and particularly feven Angels who prefided over the feven Heavens; and to whom be attributed 265

Virtues or Powers, the Number of Days in the Year; with other idle Reveries

This ABPASAS S. Jerom will have to be the fame God whom the Perssans and other Heathers worship'd under the Name Mitra; which is warranted by some antient "Tis added, that most of the Fathers ascribe Grave-fiones. the Fable of the God Agessas, to Basilides and his Followers, a Branch of Guesties. See Basilipians.

The Gnoffics, 'ris known, suppored wonderful Virtues in Numbers; and accordingly, this same Abrasas, or suther

was thus denominated, as including or compre-Abrafas, was thus denominated, as meaning or compre-hending the Power or Virtue of 365 dependent intelligences; which Number is expressed by the Greek Letters of the Word; it being the Cullom of the Greeks to express their Numbers by the Letters of their Alphabet: The Value of those in the present Word are thus;

A B P A X A X

1, 1, 199, 1, 6, 1, 200,

which added together make the Number 365. Abraçadabra ftill continues in use and esteem an

supersitious People, who pretend to do Wonders hereby in the Cure of Agues and Fevers. The manner of preparing this extraordinary Medicine, they have been at the Pains to deferibe in the following Verfes. Inscribas charse quad dicitur Abracadabra

Sepius & fubter repetas, mirabile dictu, Donec in angustum redigatur littera conum.

That is, ⁶ The Word is first to be wrote at length, Abra-cadabra; then, under that Abracadabr; and in the third Line Abracadab, &c. ABRASION, is fometimes used among Medical Writers for the AG of wearing away the natural Mucus which covers the Membranes, and particularly those of the Stomach and Inteffines, by sharp corrosive Medicines, or Humor. See

STOMACH, and INTESTINES.

The Word is compounded of the Latin ab, and rado, I

Mare, or frape off.
ABRENUNCIATION. See Renunciation.

ABRIDGMENT, a Summary, or Contraction of a Dif-course; wherein, the left material Things being more briefly infifted on, the whole is brought into a lefter Compals. See

The Abridgments of the Philosophical Transactions, of The Abridgments of the Philosphical Translations, of Mr. Boyle's Philosphical Works, &c. are Works very uff-ful in their kind: The there is a very great Fault in the former of theft; the Authors having taken upon 'em en-tirely to omit a vait Number of fach Papers and Difficuries rively to omit a vari Number of race Papers and Discouries as were not so much to their own Taste; which is not the Nature of an Abrasgment, but of a Florilege, Analesh, or Excerpta.

ARRIDGMENT of a Count, or Declaration, in Law, is articularly used for the making it shorter, by subtracting one of its Substance. See Declaration.

fome of its Sabhance. See DECLARATION.
Thus, a Mus is talled a shrighed by Theirer, in Affice, or a
Thus, a Mus is talled a shrighed by Theirer, in Affice, or a
par say Lands therein which are not in the Tenne, of the
Tennet cell-frending and Non-Tennet, or the like, is plead
of no that Land in Abstences of the Wirt; they are bought
and the thread of thread of the thread of the

yet the Writ fill remains good for the reft. The Reason is, that such Writs run in general, and do not specify Particulars. ABROGATION, the Act of annulling or repealing a Law, or of abolishing or setting aside the Authority thereof.

Law, or of abolithing or fatting afide the Authority thereon, See Law, Review A. See, because W. Hom the Chill Plact Book and the Chill Plact Book and the Child Plact Book and the Child Plact to the People for their Approximet, was call Regare Lagges: hence, to abolift it was call'd Afragare to take the Child Place and the Child Child

on divers Parts of the Body, and tending to Suppuration. See Tumons, Suppuration, Sec. Ablesses arise from Collections of peccant Humours in the internal Parts of the Body; and are also called Impossionance.

See IMPOSTRUME. Their Name Abjects comes from the Latin Verb abjec-ders, to depart, or remove to another Place; in allufion to

the morbid Hamors being deriv'd from e fewhere. the mothst Hamors being deriv'd from e lewbere.

Affolfs aire forfened it women star Delivery, and the
changerous in themselvers, yet appear to be the proper of the
changerous in themselvers, yet appear to be the
common to be default, i. e. be carried of by proper artificial Evacasions, as Palebosomy, Parping, Gr., with the use of Cacommon terrors while, and gender perfusiver Perul's, Liniments and Cataphama; recounts is to be lad to the
common through the proper perfusive proper of
the recognition of the proper of the proper of
the proper of the proper of the proper of the
proper of the proper of the proper of the proper of
the proper of the proper of the proper of the proper of
the proper of the proper of the proper of the proper of the proper of
the proper of the pro When the Matter is fully ripen'd, they are to be open'd with a Lancet or Caulitck, and their Care attempted by Digefrives and Incamatives. See RIPENER, DIGESTIVE, INCAR-NATIVE, &C.

NATIVE, C.S.

ABSCISSE, ABSCISSA, in Conics, a Part of the Diameter, or transverse Axis of a Conic Section, intercepted between the Vertex or form other fixed Point, and a Semiorine. See Conic Section, and A Semiorine Conic Section 2. Such are fixed Linux A.P. A.P. see Conic Section.

Such are the Lines AP, AP, &c. (Tab. Conics, Fig. 20.) intercepted between the Vertex A and the Semiordinates PM, PM, &c.

P.M. F.M. Cé.
They are called Aphylips of the Latin Aphindo, I car of; as being Parm car off from the Axis. Others call ben degraphy of the Company of the

In the Hyperbola, the Squares of the Semiordinates are to each other as the Rectangles of the Abjeife into another Line, compos'd of the Abjeife and the transverse Axis. Sec HYPERBOLA.

ABSENT. See PRESENT.
ABSOLUTE, is underflood of fomething that is free, or

independent of another. Hence, as there are various ways wherein one thing may be confidered as free in respect of another, there arise divers forts of Abplates. Abjelute, e.g. fometimes imports a Thing which does not Include the Idea of Relation to another; in which Sense it

include the Idea of Relation to another; in which Sendie it infland oppored to Relative. Term, and, on the contact, Thus, Man is an adjoint Relative, the one referring to Gentre, the other to Children. See RELATIVE. In the like Sends, the Schoolmen hold Adjointe to Implement the Children See RELATIVE. In the like Sends, the Schoolmen hold Adjointe to Implement the Children See The Children See The Sender Thing, and the Children See Thing with the last part of the Interface which it does not clear Thing with the ass on yet like Hence which it does not

owe to another.

In this Senie too, the Terms of a Proposition are faid to be taken abjointely; that is, without Relation to each other.

Thus, Man, confider a abjointely, and in himfelf, is an Abjointe Restantable Creature.

Applies Restanable Creature.

Sometimes, Abplies denotes a being free from Refriction, Limitation, or Modifications; in which Sende, fay the Schoolmen, it flands oppos'd to a re feundam quid. Thus, a Prince is full to be Abplies, when his Will is his Law; or when he is no way refirstind or tied down by any Laws of his Country. And thus a Thing is faid to be abplicately and fimply good.

fumyly good.

Sometimes, again, Aphilate decores a Thing's being free from Conditions: I which Seafe it thanks oppord to Conditional. See Chromating See Seafe in the Seafe of Conditional See Chromating Code are fall to be a Behlute with religible to Men. The rigid Calvariff, maintain abilities are conditional Predictionis and Reproduction. A Frield decore for eight New Sim abilitative, has no Condition of Xe-Behlute Possible, and Aphilate Provides from the Seafe S

DRERER, ABSOLUTION, &c.
Again, Abjolute is fometimes used in respect of Cause; and denotes a Thing's being without any Cause. In which

and decores a Thing's being without any Casie. In which Senfe, God alone is abpliant.

Antenvir Nomber, in Alpebra, is the known Quantity which publishes one entire Side or hart of an Equation; be-teard. See Fequation, and Roor.

Thus, in the Equation as + 1-6 = 36, the Abplicat Nom-ber is a 5, which is equal to a multiplied by it felf, added to if times a.

This is what Vieta calls Homogeneum Comparationis.

Absolvers Equation, in Altronomy, is the Sum of the Optic and Eccentric Equations. See Equation.

Optic and Eccentric Equations. See Ecquarton.

Malatice Associure, is a IMDon detachd, and independent of the reli of the Difcourle; neither governing, not being governed of any other Thing. See Analyse.

This is frequent surge, the Latins; in limitation of whom, the modern Languages have likewise adopted it: Dictor exercits: The firmy being cut to pieces. All things and first Association will appear the bell Guide in Matters of Metal Resident and the property of the Control of the

Religion.

ABSOLUTE Place.
ABSOLUTE Space.
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Sec Space.
Motion.

ABSOLUTELY, ABSOLUTE, in Philosophy, and Theo-

ABS/JULEAL/INSEASON COMMITTEE TO THE ABS/JULEAL/INSEASON COMMITTEE ABS/JULEAL/INSEASON CONCERNMENT AND ABS/JULEAL/INSEASON CONCERNMENT ABS/JULEAL/INSEASON CONCERNMENT ABS/JULEAL/INSEASON COMPANY IN THE ABS/JULEAL/INSEASON COMP

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That, we try, inco a mmg - recovery.

AlsOLUTION, ABSOLUTIO, in the Girl Lws, &c.

AlsOLUTION, ABSOLUTIO, in the Girl Lws, &c.

AlsOLUTION, ABSOLUTIO, in the Girl Lws, &c.

Anong the Roman, the collury Method of prosocarding placement was that. After the Chald have been placed to a proper to the collection of the second base of the collection of the second base of the collection of performs on the collection of the collection of performs on freight, or mills one of homotopic degrees reserved to the collection of the collection

The Romanists hold Absolution a Part of the Sacrament of Penance: The Council of Trent, Self. XIV. cap. iii. and that of Florence in the Decree as Arminos, declare the

of Penause: The Consul of Trent, Self. XIV. et p. iii. and that of Flerence, in the Decree at Jermson, decirce the Parm or Efficace of the Sactement to lie in the Words of Alphatina, Jalebas the of Jry Son Ready Charch is Alb follow; in the Greek Charch, Deprecessory, and in the Charches of the Reformed, Declarative, Arrawns, indoord, contends that the Greek Plermatic is abbitancy and that it conditis in the Gword, Mas audiorizers labels to see the anatume. But the Initiates the produces are either on For-munit's of Alphatina, or or only of Alphatina from Exam-matic's of Alphatina, or or only of Alphatina from Exammunication

multication.

A motor rest is classify until in the Neterroot Clausehee fig. A motor rest why a fire who that these communications, it related for freed from the fines. See Exconsissual rest.

In the Charte of Sortland, if the Exconsmission of the control of goldy become, and the control of goldy become fines as the Prelatyrety that this must rest the control of gold of goldy become and the control of goldy become a force of the communication, (i.e., or banding and the time to describe a force of the communication, (i.e., or banding and the time to describe a force of the force of the control of goldy become a force of the control of goldy become a force of the control of goldy because the control of goldy beca and noting the Sins of Men on Earth) with a Fromtie of re-triffigit the rightness descence above, to accept of this Men, to fregive his Dibbedlence, ide. The descence his pronounce taken off, and the Sinner is again excited in Communitor. In the Church of Roses there are divers noter Political of the Church of Roses there are divers noter Political a Frefan has been concered in feeding Sentence of Death exc-cused on a Criminal, or has any other way disquisitly a him-fel for the bothing of a Benefice.

felf for the bolding of a Benchee.

Aphitatic of Camtelan, is that granted to a Perfon who bas
logic d an Appeal against a Sconence of Excommunication.

It being a Maxim in the Papal jurifundence, that the Sentruce finant good continuity and papeal gainst the Scotruce finant good continuity and papeal gainst the form

Application is formetimizer guaractic till the liftee of bis Appeal

be known by means hereof, forme Arricle, at least, of this

Excommunication such that one gain and before, in, Caffor of

Excommunication are taken off , informach that Perform ray, converte with him without changer; And befalle, in Carlo of converte with him without changer; And befalle, in Carlo of ABSO/RBEN'TS, in Mulcitica, Remedies which by the Soffenies of Profits of their component Parts, become proper to finest the Alperities of fharp pangent Partners y or to Soffenie of Profits of their pangent Partners y or to finest the Alperities of fharp pangent Partners y or to finest the Alperities of their pangent Partners y or to finest the Alperity of their pangent Partners of Soffenies of Soffenies of their pangent Partners of Soffenies of

Triers and Sweetners.

Driers and Sweetners.

The Term Alforbent is frequently confounded with Alcaly 3 Akalies having, really, the Effect of Alforbents with respect to Acids. See Acts, and Alcales.

A BSTEMIOUS, is properly understood of such Persons as refer in absolutely from Wine. Pliny more expressly says, Vini abstemits; and Aplains, Invinsus.

In the Religious Senfe of the Word, they are faid to be AblEmenos, who in the Sacameur of the Supper cannot parake of the Cup, by realon of form natural Averfine to the Liquer. The Billiop of Means plands the Example of the AblEmines, in behalf of excluding the Latify from Communion under that Kind. The Roman Ladies, in the first Ages of the Republick, were all enjoin'd to be Absternious; and that it might ap-

were all enjoin'd to be zapientous; and that it might ap-pear whether or no they kept up to the Injunction, it was one of the Laws of the Roman Civility, that they fhould kifs their Freinds and Relations whenever they accorded The Word feems form'd of abs and temetum, an old Word

The word tooms forms on good and semesters, so that was fagalities Wise.

ABSTERGENTS, or ADSTERSIVE Medicines, a Claff of Remedies, whole Effect is to abrade and wipe away fuch mucous Particles as they meet in their Paffage; and thus cleanfe the Parts of vicid or impure. Adhetions, and carry off the merbid Marter of Woends, Ulcers, &c. See Mannier.

NE, MUNDIFICATIVE, Sc.
Abstergents are more usually call'd among Physicians De-

Addlergent see more daally cal'd among Psylicians Die-regent. See Directions and Bildmicks; and only diffici in line degree of Subtly and Efficacy, from Vaine-sertes. See Bankmer, and Versac and Argent, are the The tof Wireman, Gribbs, Leich, Leien, Sawayer, and The Comment, Tang, and Versac, Starten, and much, 1821. July 1841. Leich, Leien, Sawayer, and Panisery, Literacy, Tang, and Versac, Starten, and much, 1821. July 1841. Radiat, Dasts, Juny's Berrier, sawker, 549 y Treprinting Laborite, Lapovic, Low-norie, Mader, Paradilly, Manusy, Subpin, Sul, Mar-en, and Marice Camador—Most of which the Reads of

eary, and Matrice Counter.—Most of which the Reader will find particularly deferible ander their proper Articles. The Word Moffergear is compounded of the Latin ass, from; and tergo, I when—Whence, also, Mofferfron is form-times asked for the mechanical Act of Verfon, or Wiping. TERSION

ABSTINENCE, Abstinentia, the Habit of restraining or estaining one's self from some Pleasure, or Enjoyment. See

PLEASURE. The Word is compounded of the Latin abs, from ; and

The Word is compounded or the Latin Bees with a sur-tense, I hold.

The Jews were obligd to adjusin from their Wives at certain Sesions.—The fame is cojoind in the Apotholical Conflictations, on all fall and meager Days; and the Church of England recommends certain Days of Fading and Adju-mente.—The Great Fall, fays St. Anguftin, is to adjusin

from Sin. See Fast.

The antient Ablete liv'd in a perpetual Abstinence from all kind of sensible Pleasure, to render their Bodies more re-

buft and hardy. See ATHLETA.

buit and namy. See RIBLETA.

ABSTINENCE is particularly used for a spare Diet, or a stander pursumonious use of Food. See Food, and Diet.

The Physicians relate Wonders of the Effects of Abstinence. The Phytician relate Wonders of the Litter's of Algita-request in the Curs of many Diforders, and the pornsiking the Term of Life.—The Nobie Venetian, Cornaro, after all imaginable means had proved vain, for that his Life was delpaird of at 40, recoverd and liv'd to near 100, by mero dint of Algitance: as he himfelf gives the Account.

"I's indeed furprizing to what a great Age the primitive Christians of the East, who retir'd from the Perfecutions in-Chriffians of the East, who retird from the Perfections in-to the Defairs of Arabia and Egypt, lived, healthful and chearful, on a very little Food: Coffian affures us, that the common Rate for twenty four Hears was twelve Ounces of Bread, and more Water: with this St. Authory lived to; Years James the Hermit, 10.5, Appleans, Turor of the Emperor Arabidus, 10.5 St. Epiphanius 11.5 Stimon 879:

lndeed, we can match any out-do thefe Inflances of Longwity, at home i Buchanan writes, that one Lacrence preferred himself to 140 by force of Temperance and Labourg and Sportforns mentions on Vision 100 to 100 t 112; and Romnaldus 120. bour s and Spotfoood mentions one Kenngorn, afterwards call'd St. Mongab or Mungo, who lived to 185 by the fame

call'd Sr. Mongad or Manga, who lived to 185 by the lame means.—Other Infinence See under the Article Lowa.everv. In effect, most of the Chronical Diseases, the Infirmities of old Age, and the flore Laves of Englishmen, are owing, according to Dr. Cleyne, to Repletion; and may be either cared, prevented, or enchecied, by Abstinence. See REPLETION, EVALUATION, ST.

Among the Brute Creation, we see extraordinary Instan-ces of long Abstinence.—'Tis the natural Course for divers ces of long Milinence.—It is the natural Court for diver-species to sais four, five, or fin Rienhet every i ear without either earling or divisiting a Accordingly, the Torolle, Born, I and the Court of the Court of the Court of the Court layer to reine, a rathe Scaffon, to their reflective Colls and hide themselver, fome is the Caveras of Rocky, or Ruinsy others dig Holes under Grunding Johns gort into the Woods, and by rhemselver us in the Cleffs of Treets; others busy themselvers under Water, Er. See Miloantron, Pas-thanchies under Water, Er. See Miloantron, Pas-

p) A B S
In effect, feveral Syrciso of Black, the whole Tible almod of Indick, and many smong the other Tibles, are also
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the Spring, and Sammert And when the Air is grown right
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congruind of Firm, but they come in a kind of doufor the Cold of the Cold of the Airmin and Vegatable.

"The more than probable, the sail Marine of the Airmin and
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"The more than probable, the sail Marine of the Airmin and

the congested Juices both of fack Animals and Vegembers. So FLAXT. Most probable, the all Macion of the Animal Juices is critical to the probable, the all Macion of the Animal Juices is critical in Files and other Jufcida, when thus aftery a Flaid over out at the Woods J sudeis force currently and the probable of the Macion Juices in the Macion Juices International Juices Internation confils in.—Animals thus afteen, therefore, are rather faid to be alive potentially than actually; much as an Embryo is before Conception, or Incubation. See Life, Sleep,

bryo is before Conception, or Inculation. See Liver, Steney, Besson, Cincevarion, Forery, See.
Hence 'is no wonder that Torotife, Dermice, Bean, See.
Hence 'is no wonder that Torotife former as before...-Sir G. Let weighd his Torotife feveral 'Years fuefectively, at his going to Earth in Officer, and his coming
out again in March's, and found that of a Pounds 4 Ounces,
he only afted to lefe about 1 Ounce. Philipply, Trapfiel. No 194. indeed, we have Inflances of Men paffing feveral Months

and unnatural Case, for the flept but little all the Time .-We may add the Instance of S. Chilton of Timpbury near We may add the Inflance of S. Chilmon of Timbury near Bath, who in the Years 1659, 1694, 1695, 1694 formerines four Months, and formerines above fits together, with very little Food; and fix Weeks without any more than a little Tent, convey'd with a Quill into his Mouth thro' a hole in his Teeth. Philosoph. Translett. N° 304. It is to be added, that in most Inflances of long. Abifinence

It is to be added, that in most Initiances of long Augitmente related by Naturalifis, there were apparent Evidences of a Texture of Blood and Hamours, much like that of Summer-Beatls, and Infects.—The it is no improbable Opinion, that the Air it felf may farnish fomething for Nutrition. Tis the Air I feit may farmil homething for Nutrition. The certain, there are Sublances of all Kinds, Annual, Vegera-ble, gG., floating in the AtmoSphere; which mult be conti-nually taken in by Refination. And that are animal Body may be nourifl'á thereby, is evident in the Inlance of Vi-pera, which if saken when first brought forth, and kept from every thing but Air, will yer grow very confiderably in a few Days. So the Eggs of Lizards are observed to increase few Days. So the Eggs of Listeds are observed to internal, in Bull, after they are produced, the three the medium of family the Interneut but Art stone; after the liste must be a few for the stone of the Art stone; after the liste must with the Watter. See Arts, and WATTER—And Bence, fay form, it is, that Cooks, Tum-fiel Days, Get. the they ear but little, yet are tunling far. See Nevarrinos, Para-ABSTRACT, ANTRACTYNS, in Philosophy, that which is leparated from the most other things, but of December 164; a few far watter of the Arthur Arthur

PLEX, Ec.
Thus, Magnitude and Humanity are Abstracts when con-

Thus, Magnitude and Framanity are zagath'd to any par-fider'd in themselves, and without being attach'd to any par-ticular

ticular Body, or Person; the they cannot have any real Subfiftence without such Subjects, nor the Subjects without

Thus, alfo, Whiteneft is an Abstract, or abstract Term s inasmuch as it does not denote any one white Object, but that Colour or Idea in the general, wherever found. See

GENERALY, which is the Option of Militarili we arrive at that of Courtest, which is the Option of the Courtest, which is the Option of the Courtest, which is the Option of the Courtest and the Option of Courtest and Option of C

All our fimple Ideas, fays Mr. Locke, have abstract, as well as concrete Names; as, Whiteness, white; Sweetness,

The like also holds in our Idea of Modes, and Relations; as, Justice, just ; Equality, equal; Sec.

But as to our ideas of Substances, we have very few abfiratt Names at all—Those few that the Schools have forg. ed, as Animalitas, Humanitas, Sc. hold no Proportion with the infinite Number of Names of Subflances; and could

never get admittance into common Ufe, or obtain the Li-cence of publick Approbation: which feems to intimate a Confession of Mankind, that they have no Ideas of the real Effences of Substances ; fince they have not Names for such Ideas. It was only the Doctrine of Substantial Forms, and the Con

11 was uniy the LOCETINE of outsigned as the Con-indence of militaken Presenders to a Knowledge they had not, which first coined, and then introduced Asimalities, Humsaiiris, and the like 5 which yet went very little farther than their own Schools, and could never get to be current among inderstanding Men. See Sensyance.

mong ndestinating Men. So as asserting at the Current Bar the Beality and Entituce of all Affectal Heaving and of any fach Reactly in the Mind as Affectaline, has of late been consumerous. So see the Article Assertance was a seen of the Affectal Heaving and the Affectal Heaving Affectal Aff

respect of their fully, Simplicity, Sobility, Sc.—In this Senic, we fig.,

Asstract Mathematicks, are those Branches of Mathematical Learning, which confider Quantity and its Affictions, fimply, and abfoliutely. See Quantity, and Mathematical Caroline, See Quantity.

Such are Arithmetic, Algebra, Geometry, Trigonometry, and Analyticks. See Arithmetic, Algebra, Geome-

and Anasyticis. See ARTHMATIC, ALOSSACA, VACOS-TAN, USA.

They are thus denominated, in opposition to Mist Ma-thematicks; where the fimple and abitracked Properties and Relations of Quantity deliverd in the former, are applied to familie Deliver's and by that means become intermix'd with Physical Confidentations—Seeh are, Hydroffatter, Op-tics, Navogation, &e., where Wast, Light, Ge are con-

eers a. In the like Senfe fome Authors fpeak of Abstratt Num-bert; meaning no more thereby than Numbers, or Aften-blages of Unities, confiderd in themfelves, and not appli-ed to denote any Collections of particular forts of Things. See NUMBER.

ABSTRACT is also used in Matters of Literature, for a compensions View, or Epitome of a larger Work. See Epitome of a larger Work.

An Abstract is supposed to be a degree shorter, and more superficial than an Abridgmont. See ARRIDGMENT. ABSTRACTION, an Operation of the Mind, whereby we feparate Things naturally conjunct, or existing together; and form and consider Ideas of Things thus separated. See

ABSTRACT. The Reculty of Abstracting, stands directly opposite to that of Compounding—By Composition we consider those Things together, which is reality are not join'd together in one Existence. And by Abstraction, we consider those one Extitence. And by Abstraction, we confider those Things separately and apart, which in reality do not exist

art. See Composition.

Abstraction is chiefly employ'd these three ways-First when the Mind confiders any one Part of a Thing, in fome respects diffind from the Whole; as a Man's Arm, without the Confideration of the rest of his Body. Secondly, when we confider the Mode of any Subflance, omitting the Subflance it felf; or when we feparately confi-der feveral Modes which fubfilt together in one Subject. See

This Affraction the Geometricians make use of, when they confider the Length of a Body separately, which they call a Line; omitting the Confideration of its Breadth and

Thirdly, it is by Alphredium that the Mind frames general or antered I deas, omitting the Modes and Relations of the particular Objects whence they are form dt—Thus, when we would underfund a thinking Being in general, we againer from our Self-confedenced what it to Think; and omitting the Confidencian of the Things which have a mitting that come are well wind, or to the human Mind, peculiar Relation to our own Mind, or to the human Mind,

peculiar Kuntout ou low Wattas, or to inc auman status, we think of a thinking Being in general.

Idoas Ermi'l thus, which are what we propelly cell Jibprad Ideas, become general Reprefentatives of all Objects of the fame Kind; and their Names applicable to whates the cultivation of the status which fignifies the fame Quality, wherever found or ima-

gin'd, See GENERAL.

Tis this last Faculty, or Power of Abstracting, according to Mr. Locke, that makes the great Difference between Man and Bruces; even those latter must be allowed to have some and truces; even those latter mult be allowed to have forme fallers of Recibin. That they really read in in forme Cales, forms almost as evident as that they have Senfe, but 'tis don't in particular ideas. They are tyed up to those narrow Bounds; and do not form to have any Faculty of cultaging, the property of the senfer of the senfer

Li III. é. s.;
Soch is two 'politics of 'Mppred Mors, sucher the street Sech is two 'politics of 's the binding Option, that the Mind has fach a Power or Excellent Option of framing Affired Most or Norteon of Things and on fach very Ideas do a great part of the Writings of Thinlife More or Excellent Company of the More of the Mo

lime Learning. inent and ingemous Author, Dean Berke-

The control of the co Extension.

Extension.

Again, fay he fame Philosophem, the Mind having ob-ferr'd hirs in the particular Extension protected by Memic, for the particular Extension of the Memic, and the Memic of the and only retaining what is common to all, it makes an Idea of Colour in the Abstract, which is neither red, nor blue, nor white, &c.—After the same manner, by considering Motion abstractedly, both from the Body moved, and from the Figure it describes, and all particular Directions, and Velo-ciries; an Anstract Idea of Motion is framed, which equally eresponds to all Motions whatever.

corresponds to all Monloos whatever. They add, has a the Mind Frames. Mintel Meas of They add, that as the Mind Frames add, part Meas of Mintel Meas of the more compound Beings, which include many coexiliter. Qualitics.—For an Example—Having observed that *Peter, *Jennes, *Yehn, &c. refemble each other in Shape, and other Outlitters we can leave out of the Complex Idea we had of *Peter, *Jennes, &c. that which is peculiar to each, retaining only what is common to all, and for the Complex Idea we had of *Peter, *Jennes, &c. that which is peculiar to each, retaining only what is common to all, and for make an Abstract Idea, wherein all the Particulars equally

partaké.

partake.—And thus it is we are supposed to come by the Ab-Brast Idea of Man, or of Humanity, or Human Nature ; wherein there is indeed included Colour, because no Man but has fome Colour, but it is neither cobite, nor black, nor brown; because there is no one particular Colour wherein all Men partake. So likewise there is included Stature, but

an use parance. So income there is included Strature, but then it is neither tall, not leay, nor yet middle Strature, but fomething abstracted from all these: And so of the rest. Further yet, there being a general Variety of other Cecatures, which paranks in some Parts, but not all, of the Complex Idea of Man; the Mindle Leaving out those Parts which plex Idea of Man; the Mind leaving out those Parts which are peculiar to Men, and retaining those only which are common to all living Creatures, frames the Idea of Animal; which adhredis or participates not only of all Men, but all Birds, Beafts, Fifhes, and Infects.

The conflituent Parts of fach Moffrest Idea of Animal, are Body. Life, Sense, and frontaneous Motion.—By Tody.

The country for the real fields differed these of Asimal, are Body. Life, Seek, and fipertures Martine—By Birdy, in means, Body without any particular Shape, or Figure 2 in the properture of t

Since all things that exist are only Particulars, Whence, 6,953 MP. Locke, is it, that we come by general Words, expertifive of a thousand Individuals it. His Andwer is, 6 Terms only become general, by being made the Signs of abstract I deas, should follow from the Reality of Marrael I deas, should follow from the Reality of General Words.—But this is a Deception.—A Word becomes General Marrael I deas, though the state of the stat neral, by being made the Sign, not of an abliratif general Idea, but of leveral particular ones; any one of which it indifferently fuggets to the Mind.—Per an Example, when I say that Whatever has Extension is divisible; the Propofition is to be understood of Extension in general: not that I must conceive any abstract general idea of Extension; which is neither Line, Surface, nor Solid, neither great nor fmail, &c.

smail, oc.
To make this more crident, Suppose a Geometrician to
be demonstrating a Metabod of dividing a Line in two equa-pers: In order herero, he draws, for indirace, a black
Line, an Inch long; and this, which in it fell is a partial Line, is nevertheled, with refject to its Signification, general; since it reprefents all Lines whatever; So that what is demonstrated of this one, will hold of all others— And as that particular Line becomes general by being made a Sign; fo does the Name Line: And as the former owes a Sign; fo does the Name Line: And as the rormer owes in Generality, not to its being the Sign of an abstract or general Line, but of any or all particular right Lines that may peffilly exist; fo mult the latter derive its Generality from the fame Capte. See General Term.

Trom the rathe Could see General 2erm.

Mr. Locke, speaking of the Difficulty of forming Abfirast Ideas, says; And does it not require some Pains
and Skill to form the general Idea of a Triangle, which

"end Still to fein he general Ides of a "Treagge, which ye is no co of home deflored and comprehending of a few in mark the north edition of the company of the firm and the northeologies, nowhere Is-capitates, indicates, nor Sectionas, just all, and now of "Thoughts, and my whether he has, or can stain to an "Thoughts, and my whether he has, or can stain to an "Thoughts, and my whether he has, or can stain to an "Thoughts, and my whether he has, or can stain to an "Thoughts, and my whether he has, or can stain to an "Thoughts, and my whether he has, or can stain to an "Thoughts, and he had been a fine of the Definition" of the Mind perceiving "em—Can there has a present Strain of the Mind perceiving "em—Can there has a present Strain of the Mind perceiving "em—Can there has a present Strain of the Mind perceiving "em—Can there has a present Strain of the Mind perceiving "em—Can there has a present Strain of the Mind perceiving "em—Can there has a present Strain of the Mind perceiving "em—Can there has a present Strain of the Mind perceiving "em—Can there has a present Strain of the Mind perceiving "em—Can there has a present Strain of the Mind perceiving "em—Can there has a present Strain of the Mind perceiving "em—Can there has a present strain of the manufacture of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the Mind perceiving "em—Can there has a present strain of the

We final only add, that other alternation is often to me to be contained by the me, is no more than generalizing; in making one thing shame for an baseful, by omitting the confederation if the making the me to confederate the state of the All the Analogy there is between them, is a fort of Pleafere All the Analogy there is between them, in a fort of Pleafore of Suisisheden, string upon the Application of the particular Object to its proper Organ, or Senfe. — The Astford Lear of Love, then, will terminate in the Idea of Pleafore But, bit certain, there can be no Idea of Pleafore, without a thing pleafor to excite it. Any other Afforded Linds of Pleafore, will amount to no more than a Yiew or Perception of the Circumstances wherewith our Pleafores have been attended: But these are mere Externals, foreign to the plea-furable Sensation it self; which nothing but an Object applibarable Sendation it sits which nothing hat an Onject applied of in fath and fach a manner, can excite—To happole an Idea of Pizefare produced obliquely, by any other than the proper Caufe, is as abfurd as to fitppole an Idea of Sound, produced without a fonceus Object. The Mind has no Power of making any Ideas, call few mobar you will, whether Mylmerit, or Concrete; or General, or Particular : Its Affeitive nows in fifther than to the proceedings of fight as Activity goes no farther than to the perceiving of fuch as are presented to it: So that its Action is really no other than a degree of Passion. See SENSE

a degree of Peliton. See SENSE.

ABSTRUSE, denotes formething to be deep hidden, or farremoved from the common Apprehensions, and ways of conceiving i in opopition to what is obvious and palpoke. In this Sense, Metaphysics is an abstruct Sense of the move Doctrine of Infantes is an abstruct Point of Knowledge, that few People attain to—The Word is of Latin Original Conference of the Sense of

that few People at am 10.—The Word is or Lastro Ongi-ginal, Milfrights; formed of abs, from, and trude, I thruit a q. d. being far off, and out of reach. ABSURD, Assun.num, a thing that thwarts, of goes contrary to our common Notions and Apprehendions. See

ARSURDITY. Thus, a Proposition would be abstrd, that should affirm, that two and two make five; or that should deny em to

make four. See Proposition. The Logicians have a way of proving the Truth of a Pro-phrion, by showing the contrary is ablurd. See TRUTH.

This they call Reductio ad Ausurdum, or arguing ex Absurdo: See

ABSURDITY, Assurdities, is a kind of Error, or Offence againft fome crident, and generally allowed Truth, or Principle. See Ennon, Maxia, &c.

The greatest of all Adjurdities is the Contradiction. See

CONTRADICTION. The Schoolmen make two Species of Abjurdities—Tho one, anxie, which contradicts the common Senic of Mankind a the other rail, which gives the Lye to fome one or more

Philosophers; e.g. Arifinie.—The latter fort may be a real Truth.

real Truth.

ABSYNTHIUM, Wormerood, a Medicinal Plant, of confiderable Efficacy in quality of a Bitter and Stomachic. See Stomachic, &c.

There are divers Kinda hereof enomerated by Botanitik, at leaft 20. Those which obtain in Medicine, are, 1°, the Roman or finall, call'd allo Pontic; 3 yeld as a Stomachics. Aftringent, Difcutient, and to prevent Putrefaction.—Etmul-ler says, there is not a chronic Difference in which it is not ferviceable.—A Conserve of the Roman Absynthium is now also much used.

a O, The common or large Wormwood, bitterer much than the former, and antiently used not only as a Stomachic and a Destroyer of Worms, but also a Detergent; and prescrib'd a Deltoyer of Worms, but also a Decepton a sed preferred against the Juneiton and Droply? But it is now goven into a sed of the property of th

trary. See SANTONICUM.

The Word is compounded of the Privative Particle a, and rius, possible ; q. d. not potable. ABUNDANCE, Copia, Plenty. See Fyriteity, Cor.

NUCOPIA, Co.

Abandance, when carried to an Excels, is a Fault, call'd Redundance, Exuberance, &c. See Redundance, Exu-

BERANCE, So. The Author of the Dictionaire Occonomique gives divers Manners or Secrets of producing Abundance 3 an abundant Crop of Wheat, Pears, Apples, Peaches, &c. See Follows-

nex's, UNIMANT Nombers, one finds which Quen Pure and the topports, exceed the Nomber it fail whereof they are Fairs, See Nomean.

Than, the Nombers is administrat, its Quest-Pairs 1, 4, 4, and 5, amounting to 16.—In appositions to Almondon Allouis, and a superior of the second of

Ages grouned under.

Self-Aussa, is a Phrase used by some late Writers for the
Grime of Self-Pollution. See Pollution.—Nero is said Self-Amer, is a Firste nied by tome late Writers for the Caime of Self-Follution. See Pollution.—Nero is faid to have frequently adupted Britomicas. In Grammar, to apply a Word abuffixely, or in an abuffixe Senfe, is to milapply or pervert its meaning. See Cara-

CHRESIS CHRESIS.

A Permutation of Benefices, without the Coofent of the Bilhop, is deemd aboffive, and confequently null.

ABUTALLS, or Assurats. See Assurates.

ABTSS, Assass, a profound, and as it were, bottomicis of apily, or Carent. See Gutt.

The Word is Great, See Gutt.

The Word is Great, See Sey.

The Compounded of the Privative, said by I restry, reads 9, q. d. fomething impenetative, and by I restry, reads 9, q. d. fomething impenetative, and by I restry, reads 9, q. d. fomething impenetative, and by I restry, reads 9, q. d. fomething impenetative, and by I restry, reads 9, q. d. fomething impenetative, and by I restry reads 9, q. d. fomething impenetative, and by I restry reads 9, q. d. fomething impenetative, and by I restrict the second of the Privative o

tive a, and sow, I cuter, reble, or not to be fathom'd.

ble, or sor to be futhout?.

In Scriptors, the Word Mylyh, abore@, it aliced by the In Scriptors, the Word Mylyh, abore@, it aliced by the In Scriptors, the Word Mylyh abore In Scriptors, the Bearth, which excompatible it remail; and which our Translation reader the Dyre. Thus it is also the which with the Word is also field for that immedia Cavern in the Earth where God collected all these Waters on the third Dyry which in our Verfice is readed the Scriptors and client where the Word is the Scriptors of the Word is the Word in the Word in

cle of the Earth; confifturing a hage Orb in the interior or central Parts of it; and over the Surface of this Water, he fuppoles the Tertefrial Strate to be expanded—This, according to him, is what Môfes calls the great Deep, and

he fappoles the Teneticial Strate to be expended—This, according to this, the desired Steph and Control of the Control of the Steph and Steph and

There are two Kinds, the Vera and Germanica

There are two Kinds, the Fort and Germaniae.

The Analoi Fore, it brought from the Leaner; and fappled to be the juice of the Poin of a large through Tree, from the International Control of the Point of the Impel International Control of the International Control of In as a Subfiltute to the true Acacia.

Acacia, among Antiquaries, is a kind of Roll, refem-bling a Bag; iten on Medals in the Hands of feveral of the Confuls and Emperors, from the Time of Analleshus. Authors are not agreed either about the Ufe of this Roll, or about the Subflance whereof it conflist; forme taking it for a plaited Handkerchief, which the Perform who prefided at the Games threw out as a Signal for their beginning; whilst

others rather imagine it intended to represent a Roll moirs, or Petitions. See further under the Article Roll.

ACADEMICKS, ACADEMICS, ACADEMISTS, a Self of antient Philosophers, founded by Plato; and called, also, the Academy. See ACADEMY.

the Academy.

the Academy. See Academy.

The Academies, in the later Ages, have taken the Namo
of Phatomiffs. See Prayonist.

The great Dogma of the Academicks was this: Unime
Rio, quest with fire; 'I know this one thing, that I know
nothing.'—Accordingly, they pleaded, that the Mind
ought always to remain anotermind and in Sufpence; as

nofsing, ——Accordingly, they pleaded, first the Mad-ought sleavy to remain andeterminal and in Sulfacete, as a having nothing to determine to but here Peaks believe to the state of the CE. It much be added, that Pleas, in thus recommending it to his Dilicyles to delifted and doubt or every thing; had it see to immediately in View to Leve ten factoring, and in against done fair precipitate Declinos which young Midds are foliable to, and put ten in a Diligation to exhibit the theory of the state of the state of the state of the Mericarric, has adopted the faire destatelyin, or Prin-ciple of Doublings but, it must be allow? As makes a very legel of Doublings but, it must be allow? As makes a very support of the state of the state of the state of the state of the Mericarric, has adopted the fine destatelyin, or Prin-ciple of Doublings but, it must be allow? As makes a very support of the state of the

riple of Doubting; but, it must be allow'd, he makes a very different use of it.—The Academicks doubted of every thing, and were resolved still to doubt: Des Cartes, on the contrary, fets out with doubting of every thing; but declares he will not always doubt; and that he only doubts at first, that his Determinations afterwards may be the farer. See CARTESIANISM.

DARTSHAMMS.

In Artifacties Philosophy, fay the Followers of Des Certes, there is nothing doubted of 3 every thing is accounted for, and yet nothing is explaind, otherwise than by but-burous unmanning Terms, and dark confacted Ideas: Whicheas Dar Gerste makes you even forget what you know before I but from your new affected ignorance, leads you gradually into the faiblimed Knowledge.——Henco they apply to him what Horace fays of Homer.

Non Fumum ex Fukore, sed ex sumo dare Lucem Cogitat, ut speciosa debine miracula prodat Antiphatem, Scyllamque & cum Cyclope Charyddim.

'Tis thus the Cartefians talk : But we may add, that long before their Mailer, Arifforle himfelf had faid, that to know a thing well, a Man must first have doubted of it; and that 'tis with doubting all our Knowledge must begin. See Pa-RIPATETIC, PYRRHONIAN, SCEPTIC, &c.

rei with endouring in our Area Senge man (1998). See Friedrich 1998 of the Acapitatist, a field field smog as for the Members of the modern Josephini, is alla field smog gas for the Members of the modern Josephini, in the George find the Control Free Village (1998). The Control Free Village See Free Village field to the City which gave the Denomination of the Control Free Village figure in one of the Suburb of Alexin, a Solitation of City and the gave the Denomination of the Control Free Village (1998). The Control Free Village (1998) and who aid to have Lechaes, and Affemblies of Free Village (1998) and who aid to have Lechaes, and Affemblies of Free Village (1998) and who aid to have Lechaes, and Affemblies of Free Village (1998), which was the Community of Phemicans, as being the first who introduct Learning, and the use of External smooth professional by Green (1998), while the Control Free Village (1998) and the

Republick. Here it was that Plate taught his Philosophy; and from him, all publick Places deflin'd for Assemblies of the Learn-

and in patient and the definition of the Research of the Law guild facilities the delictous Groves and Walks of the Academy, planted by Cymon to the Laws of War; and em-ploy'd those very Trees to make Machines wherewith to

ploy'd note very 1 rees to make Auctimes wherever use batter the City. Cover bad a Villa, or Country Retirement near Prantile, thick he call'd by the Name Academia; where he used to entertain his Philosophical Friends.—"Twee here, fays Day Company and his emercial his Philosophical Friends.—Twas here, fiss Dr. Harris, ho composed his indeaement Qualities, and his Books de Official, de Anivitate, and de Nature Dertur, Acamara is allo wald ne a Sect of Philosophere, called the Andersinida. See Philosophica, called the Andersinida. See Philosophica, and Acamara Wee officially receive the Andersinida of Philosophical Composition of the Compositi

Arce ?-

Arcefluss, one of his Succeifors, introducing forme Ale-rations into the Philosophy of this Sock, founded what they are the Chairmann of the thirty, called also the New A-cadems, is attributed to Leadeds, or Germandes. Some Anthors add a founth, founded by Philosophe Com-mides; and a fifth by dratechus, called the Antachon, which transport the Anticology with Southin. See

which compare use the contract of every things, and went for fire the interface declaracy doubted of every things, and went for fire as to make it a Doubly, whicher or so tiny ought to fire a contract of the contract of th Doubtfuden of the Antieux Anadomy: and yet, 'tis critical, they them fively nolocal upon things rather as probable, than as two and ceredin; by 'tin' Amendment, 'thicking to Antieux Anadomy but fillen. See Doubtfuden of Ciercy See also further in the Anadomiest Seguitions of Ciercy See also further in the Anadomiest Seguitions of Ciercy where that Thickopher explains and unarveit the Sentment of holes who in his Days cill'd themselves Followship and Anadomiest and Additional Cierce Section 1988.

Acapeny is particularly used among the Moderns, for a regular Society or Company of learned Persons; instituted under the Proceeding of a Prince, for the Cultivation and Improvement of Arts, or Sciences. See Society.

Some Authors confound Academy with University; hut, the much the fame in Latin, they are very different things the much the same in Lasin, incy are very unreten unage in English—An University is, properly, a Body compeded of Graduates in the feveral Faculties; of Professors, who teach in the publick Schools; of Regents or Tutors, who teach in the publick Schools; of Regents or Tutors, who seems who learn under them, and aspite likewise to Dogrees. See University.

grees. See UNIVERSITY.

Whereas an Keademy is not intended to teach, or profess
any Art, fach as it is, but to improve it? This not for Novices to be infracted in, by those that are more knowing;
but for Persons of elitinguill'd Abilities to confer in, and
communicate their Lights and Discoveries to each other for

their mutual Benefit

The first Academy we read of, was established by Char-lemaign at the Motion of Alouin: It was composed of the chief Wits of the Court, the Emperor himself being a Memchief Wits of the Court, the Emperer himfelf being a Membral their Admindel Conference, every Perfor was to be the Court of the Court o

Sections: The second of the se

Society: An Account whereof, for under the Article Royal Society: An Account whereof, for under the Article Royal field, is all another of Plaining; esthelding by Lettern Fa-tern, and general by their neighbor Discolors. It Kinds, Royal Account of Societies, for the Importance of Royal Account of Societies, for the Importance of Royal Accountry lifed for that Rad—in the Year 1994, the American Company of the Company of the four in 162s, by Order of the King, the without any Act of Royal Ambority lifed for that Rad—in the Year 1994, it had not seven a forced Brief, by force of from 1997 the Plaining of Royal Ambority lifed for that Rod—in the Year 1995, it had not seven a forced Brief, and forced from 1997 the Royal In Virue of that Rogalizion, the Radestoy was to be forced, Afficient, and Direct—The Brief Class to confide for Perileon; and the refl of treaty each—The Browery refress and Paris 1, 1986 for the Afficient subsect to confid of Perileon; as and the Elever all to live at Derit. The King, our of Paris 1, 1986 for the Afficient subsect to Confid of Perileon; as and the Elever all to live at Derit. Meet King, our of the Paris 1, 1986 for the Afficient subsect the King, our of the Paris 1, 1986 for the King, our of the Reference, to be perpetual.

Of the Penfonstries, three to be Geometricians, three A-itroconcers, three Mechanicks, three Anasomifis, three Chap-mitis, three Bonatili's the remaining two, Secretary and Techiner. — Of the twelve Afficiates, two to apply them-to the property of the Chapman, we to the Chapman's two two to Anasomy, two to Afficiancy, two to Chapman's two to the Chapman's two the Chapman's two to the Chapman's two Eleves to apply themelicate to the chapman's two the Chapman's two and and to project the Chapman's two and and to project the Chapman's two are arracked to a send on the Chapman's two are arracked to a send on the Chapman's two are arracked to the Chapman's two arracked to the Chapman's two are arracked to the Chapman's two are arracked to the Chapman's two arracked to the Chapman's two arracked with our Anthony), two to Betermy, and twee to Chymility.—The
the Mr. Anthony of the Control of the Control
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that Year, and the rely as institute and on the firms. All the Otherwitten the Antendity Heine, to the Meeting to be less than the Antendity Heine, to the Meeting to be less than the Antendity Heine of the Paunice on anonomies, and of amorates capable of being Foreigners, to needve a domining Regulira mang fuch Affectives; a targetelling the Class of Eleves, and etablishing, in lieu thereo), a new Cals of vewice Adjuncts, to the fix fewered Kinds of Sciences cultivated by the Academy: and ability, appointing a Vice-Predictor, to be chefe yearily by the King, out of the Honorary Members; and a Director and Sub-director out of the Peninories.

Sob-director out of the Pentionaries.

Their Secretary, M. & Fontenelle, has oblig'd the Publick with a8 elegant Volumes of the Productions of this illustrations Body; under the Trite of Hiftone de l'Academe Regale, &c. awe us Memoires de Mathematique & de Phofique tirez awa is Memoires de Mathematique & de Phofique tirez

des Registres, &c.

Acapetar of Painting, was effablish'd fifty Years ago, ander the Cardinal Manarin, first Protector thereof; and the

Chancellor Seguier, Vice-ProteCor.

It confilts of a Director, a Chancellor, four Rectors, a Treasurer, twelve Professors; Adjuncts to the Rectors and

Treasfurer, wee've Profifier's Adjanch to the Rections and Profitions, of Secretary, a Profition for American, Secretary, a Profition for American, Profitions and Profitions and Profitions are been admirted either in Quality of Painters or Schuptons—The Painters are admirted according to their religibility. Thirties, there being a Difficultion made between the Profit of Profit, and Profit of Profit, or P

ACADEMY of Medals and Inscriptions, was crefted for the Study and Explanation of antient Monuments; and to

Acknowle & medial dat professions, was executed so conference great and momentals because to flority by final-last Manuscures as Medials, Relieve's, Infespione, 15c.

Acknowle of Politich, is compeled for five Perion, well-last Manuscures as Medials, Relieve's, Infespione, 15c.

Acknowle of Politich, is compeled for five Perion, well-last Medials and the Chamber where the Papers relating to foreign Affairs are toologid.—Here they preafe for Papers as an pay in their conjustion for King with the Progretic shey make, and the Capacities of each, that his Majely may employ them secondary. Acknowledge, with the Progretic shey make, and the Capacities of each, that his Majely may employ them secondary. Acknowledge, See Passes, and Laxovares. Acknowledge, See Passes, and Laxovares. Acknowledge, See Capacities of each, the Control of the Papers of the

der ine Denomination Ante, Sec.

The Reyal Spanish Academy, is an Academy established at Madrid, on the Model of the French Academy.

The

The Design was laid by the Duke a Pstatonia; and ap-provid of by the King in 1714, who declar'd himself Pro-tector thereof.—It consists of 24 Meademasts; including the Director and Secretary.

Its Device is a Crucible on the Fire, with this Motto, Lim

we've is a Cruston on me are, with missions, sub-plit, file, y de affiliation.

In the state of file in the state of the file in the state of the file in the state of the st

JOYANAL.

Rely, alone, has more Academies of note than all the reft
of the World; not a City but furnishes a Set of icamed Perfons for an Academy, which to them focus as effential Part
of a regular Contitution.—Jarohim has given us a Specimon of their Hillow, printed at Lafifit, in 1723, and gives
us, withal, to expect a fuller and more perfet Account from
forceal Lacmod Ferfons, who have heen long employ'd about foveral learned Perfons, who have been long 'emptoy'd anour the lame; as Kraufun, Profetfor of Eloquence at Leighte's Hyaciath, Gimma, and Mich. Rickeyus. Jarokius's Account goes no further than thofe of Piedmon; Persora, and Milan; in which laif City he reckons as a But he adds a Lift of all the reft, to the Number of \$500-

yarden newson goes to structure that the set of releasing, by the property of the set of

ACADEMY, is also need among us for a kind of Collegiate School, or Seminary; where Youth are infructed in the Liberal Arts, and Sciences; in a private way. See

School, Seminary, Colerge, Se.

The Nonconformit Ministers, Se. are many of them bred
up in such private Academies; as not relishing the common
University-Education.

University-Education.

Acapsaw is also seed in speaking of the Schools of the
Scott: i.e. those where the Rabbins or Deckors instruct the
Youth of their Nation in the Hobrest Tongue; seplain to
tem the Talmud; teach 'em the Cabbala, Se. See Ran-

The Jews have had of these Academies, ever fince their

Resum from the Balytonill Captivity.

The Academics of Tiberias and Babylon are celebrated.

The Academics of Viberials and Manylon are exceptanced.
See Timentas, Massonerus, Talando, Sc.
Academy is particularly underflood of a Riding-School;
or a Place where young Gentlemen are taught to ride the
great Horfe, with other fuirable Exercises; as Fencing, &c. See Exzreise. This is what Virguoins calls Ephebeum. See Gymnasi-

UM, GYMASTIC, Sc.
The Duke of Newrafile will have the Art of Riding have had its Origin in Haly; and the first Academy of his fort to have been uliabilited at Naples, by Frederic Grifor; who, he adds, was the first that wrote on the Subject; which he did like a true Cavaller, and a great Mafter.—Henry VIII, fays the fame Author, call'd over two Italians, Diffeiples of Grijon, into England; who foon flock'd the Nation with Ecu-

yers, or Riding Mafters. He adds, that the greatest Master Italy ever produc'd, was a Nespositan, Pignatelli by Name; that La Brone tid an-

der him five Years; Pluvinel nine; and S. Anthoine many Years: and that these three Frenchmen fill'd France with French Masters; which till then had known none but Ita-

The Ground fet apart in an Academy, for riding, is call'd the Alanage; having usually a Pillar in the Centre, and other Pillars, placed two by two, at the Sides. See Manage, and

Acadamy, or Adademy-Figure, in Painting, is a Draw-ing or Delign made after a Model, with a Crayon or Pencil. —Or the Copy of fuch a Draught. See Design.

—Or the Copy of fuch a Draught. See Design.

ACANACIOUS, among Botanilis, a Term applied to a
Clais of Plants, popularly known under the Name of the
Thillie Kind. See Thisteris, and Cardinus.

The Word is form'd of the Greek suckey, Acon, I flarpan in regard of the Pickles they are befor withal.

ACANTALOUS.

ACANTABOLUS, or ACANTHABOLUS, a Surgeon's In-

ent ; called also Volfe fframent; called also Voigella.

"Its finaped like a Pair of Pincers; and is used to take out any prickly Subitance that shall chance to slick to the Cosphagus or Gollet; or the Fragments of corrupted Bones, Hair; or any thing that by chance remains in a

Wound The fame Term, Acamabolus, is also used for an Instru-ment wherewith People pull out the Hairs from their Eve-

brows, &c.

It is form'd from the Greek drawds. Spins, and Sabas, is-

cio, I throw away. ACANTHA, among fome Anatomists, is applied to the hind, or posterior Protuberances of the Vertebes of the Back; forming what we call the Spins Dorft. See Van-

Back; torning what we can the Open around the Co-rasha, and Spina.

ACANTHUS, in Architecture, an Ornament in the Co-rinibian and Composite Orders; being the Representation of the Leaves of an Acanaccous Plant, in the Capitals thereof.

of the Leaves of an Acanacous Fant, in the Capitals increva, see CAFFFA, and LAAVE.

It takes its Name from Associat, the Name given the Plant among the Greeks, as theing peickly, or of the Thittle Kind. The Letter Botsnills call it Etrasebe Urffina, Bearinon, from four Lappolder technismes it bears theretoy or Etrasebe Harling, by reason is Leaves bend and with Generals the Capital, Laboratory Capitals and Capital Capitals.

The state of the s

ders from each other. See ORDER; fee also CORINTHIAN. and Composite. The Origin and Occasion of the Ornament, for under

the Article Asserts.

ACATALECTIC, ACATALECTES, in the anticat Foctry, a Term applicable to fuch Veries as have all their Feet and Syllables, and are in no wife deficitive at the End. See Verse, and Foor.

As, on the contrary, Catalettic Veries are those which end too hastily, and with a Syllahle short. See Catalec-

The Words come from heyw, define; whence narahadlene, which means something at the End 3 and the Privative a being prefix'd and analous, which wants nothing at the

In the following Strophe of Horace, the two first Verses are Acatalectic, and the last Catalectic.

Savitur acris byems, grata vice Veris & Favoni :

Trabuntque ficcas machine carinas

Trebusque fleats snochus carinat—
ACATERY, in the King's Houfhold, a kind of Check
betwix the Clerks of the Kitchen and the Parreyon. See
Parxyron, Catea, Houstone, 16;
Cerks, and a Tooman of the Segrent, two JointCarls, and a Tooman of the Sub-Segrent.
Carls, and a Tooman of the Sub-Segrent of the Manual Science of Knowledge, exceeding to them, wet not fortime than to Appearance and Verinnillands. See Pyrannonias.
Searry, and Academy.

Plo, I take. See CATALEPSIS.

ACCAPITUM, in our antient Law-Books, fignifies Relief to the Chief Lord.—Hence alfo,

ACCAPITARE, to pay Relief to the Chief Lord. See RETUEN

ACCEDAS ad Cariam, is a Writ which lies for him who Has received falle Judgment, or fears Partiality, in a Court-Baron, or Hundred Court; being directed to the Sheritt— The like Writ lies also for him that has received fuch Judg-The INC WIT HES BID TO THE THAT HAS PECUVED INCE MET IN COUNTY-COURT , and is called de Falip Function.

The Accedes ad Curiam lies also for Justice delayed, as well as falily given; and is a Species of the Writ Reconder.

See Recordan.

Accumas ad Vice-comitem, is a Writ directed to the Co-roner, commanding him to deliver a Writ to the Sheriff; who having a Pose deliver'd to him, suppresses it. See

ACCELERATED Motion, in Mechanicks, is a Motion which receives continual Increments, or Accessions of Velo-

ity. See Motion.

If the Accessions of Velocity be equal in equal Times; the Motion is said to be uniformly accelerated. See Accession.

The Motion of falling Bodies is an accelerated Motion:
And supposing the Medium they fall thro', i. s. the Air,
void of Resistance; the same Motion may be also considered And uppening the void of Refilance; the fame Motion may be also confidered as uniformly accelerated. See Desense, 18c. For the Lewis of Accelerateran Bodo, See Motion, ACCELERATION, in Mechanicks, the Interests of Venders, and Accelerate Bodo. See Venders, and Accelerate

locity in a moving Body. See VELOCITY, and ACCELERA-Motion.

TED Motion.

Acceleration flands directly opposed to Reservation, which denotes a Diminution of Velocity. See Retardation.

Acceleration is childly used in Physics, in respect of falling Bodies, i.e. of heavy Bodies tending towards the Centre of the Earth by the Focco of Gravity. See Gravitation of the Court of the Earth by the Focco of Gravity. See Gravitation of the Court of the Earth by the Focco of Gravity. See Gravitation of the Court of the Earth by the Focco of Gravity.

TY, and CENTRE.

That Natural Bodies are accelerated in their Defcent, is evident from various Confiderations, both d priori and pofteevident from various connecrations, poin a priori and payer-riori.—Thus, we actually find, that the greater Height a Body falls from, the greater Imprefition it makes, and the more vehemently does it strike the subject Plane, or other Obstacle.

Cause of the Acceleration of Falling Bodies.

Various are the Systems and Opinions which Philosophers have produced to account for this Acceleration.—Some attri-bute it to the Pressure of the Air: The farther, fay they, a base it to the Prefüre of the Air. The further, fay they, a Body Izia, the greater Louid of Americk phere in confessions. Body Izia, the greater Louid of Americk phere in Confession, and the Air Confession of the Confession of the Column thereof-ties to the perpendicular Airisade of the Column thereof-ther, and the Confession of the Confession of the Confession of the Confession of the Work Mais. Confession of the tweet, the Prefixed of the Work of Mais. Confession of the nearer a Body approaches thereto, the Effect or Prefixed or more united Lines and it fulfain. See Airs, and Area-tone united Lines and it fulfain. See Airs, and the Confession of the Work of the Confession of the Work of the Confession of the Confessio STRERE.

ESHERE.

But what overtains this Account, is, that as the Preffure of the Air downwards increases; 60, by the known Laws of Staticks, does the Refiliance, or the Force wherewith the fame Fluid tends to repel, or drive the Body upwards again. See Fruid

Sec Fleurs.

Others infift, that the incumbent Air is the groffer and more viporous, the nearer the Earth 3 and filld with more herrogenous. Particles, which are not true claffick. Air 1 and hence, fay they, a defending Body, meeting continually with left Retilitate from the Editlety of the Air, and having the fame Force of Gravity, thil aching on it, must needfally be acterized. See Ex-Arylety.

faily be acceivated. See Exarystave.
But whit overmass all Accounts where the Air or Amophere are concerned, by that the Acceleration balls in Faphere are concerned, by that the Acceleration balls in FaThe Perspanie Account is worth that this 1. The Motion of beary Bodies downwards, by they, artist from an
the perspanie Account is worth that this 1. The Motion of the Air and the Air and the Air and the
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that the Air and t

The Gaffendifts, on the other hand, hold that the Earth The Galfendetts, on the other hand, hold that the Estrumins a fort of attractive Efflavia, innumerable Threads whereof continually afcend and defeend; which Threads, whereof continually afcend and defeend; which Threads, proceeding like Radii from a common Centre, divaricate the more, the further they go: So that the nearer a beavy Body is to the Centre, the more of these magnetic Threads

They declared much spiral the Society and shortful temories in a declared at the much a principal little much to principal little much to principal little much to principal little much the much little much litt

Centre in the one, rhan in the other Cafe.

The Cartesians account for the Acceleration, from the repeated Palies of a fubril etherial Matter, which is continually acting on the falling Body, and impelling it downwards. See Cartesianism, Africa, Element, Matter, Sus-

TILE, Sc. After all, the Cause of Acceleration is nothing mysterious; the Principle of Gravitation, which determines the Body to descend, determining it to be accelerated by a necessary Con-

deleted, determining it to be aesokrated by a necessary Con-fequence. See GANITATION,
For, suppose a Body its fall from on high: the primary
Caulio of its beginning to defend, is, doubtlef, the Fower of
Gravity; bar when once the Deletent is commenced, that
Strue becomes in some measure natural to the Body is of has
if left to it felf, it would perfevere in it for ever, even the
the first Caulio Brood each; sa we for in a Strue cast with

who first Caufe should exufe j as we do to a Stone cell with the Hand, which confines to move, star it is left by the Caufe that give it Notion. See Jam of Narvast.

But, their the tryneity is defected impected by the Day, the Caufe that the Caufe that give it Notion. See Jam of Narvast.

But, their the tryneity is defected impected by the Caufe that the Caufe of Narvast.

I are confiant Accepted in Nation on Loque, in infiguration consistent the fame degree of Motion more began, in infiguration of the Motion is a conflaint Acceptation of the Motion, in infiguration and Part of the Caufe in Motion, and both exiting in the fame Darrest Caufe of Motion, and both exiting in the fame Darrest Caufe of Motion, and both exiting in the fame Darrest Caufe of Motion, and both exiting in the fame Darrest Caufe of Motion, and both exiting in the fame Darrest Caufe of Motion, and both exiting in the fame Darrest Caufe of Motion, and both exiting in the fame Darrest Caufe of Motion and Darrest Caufe of Motion, and both exiting in the fame Darrest Caufe of Motion, and both exiting in the fame Darrest Caufe of Motion, and both exiting in the fame Darrest Caufe of Motion and Darrest Caufe of Motion an

tre of the Earth 3 the Motion they joined produce must ne-ceffarily be greater than that of one of 'em.—And the Velotity thus increased, having the fame Caule of Increase fill perfifting, the Defect must necessarily be continually celerated.

secchirated.

Too, tappoing Gravity, whatever it he, to all anisimmly Pool, tappoing Gravity, whatever it he, to all anisimmly Pool, tappoing the property of first Impression

hitt impetition. But, now, fince the Action of Gravity is here supposed fill to continue; in the fecond Moment of Time, the Bedy will rective a new Impair downwards, equal to what it received at first; and thus its Velocity will be double of what it was in the first Moment; in the shirt Moment; will be the way in the hourth quadruple, and so on continually: For the Impression made in one Moment, is not at all alter'd by what is made in another; but the two are, as it were, aggregated, or brought into one Sum

seements of the constitution one. Some New, as it were, agwhere the content of the content of the content of the
Wherefore, fine the Particles of Time are flappole disnitely finall, and all equal to one another; at the Imprem seterms of the content of the Content of the Content of the
Quantity of Matter in the Rody given, continues the time; a
two Vederly will be as the Time in which it is capital, in
given Time, and with a given Vederly, may be considered as
a Reclangle model by the Time and the Vederly—
Suppole A, (14th. Micharothy, fig. 6a.) a heavy Body dewhich Line Emptod edited into any Namber of equal Party,
A, G, C, B, G, Sc., expecimentary of the Intervals, or Moment of the Content of the Content of the Content
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the Rockingle Ca JJ.

Now, as the Adison of Creativy in the first Moment specified by the Adison of Creativy in the first Moment where the County Moment, the Same will produce in the Easy of moreous account of the County EII, which is impossible the creative, will make the Velovity EII, which is impossible the County of th

*,5. by half; then the Demutes of the Figure would be proportionably finaller; and it would appear to much the nearer to a "Francisco—II they were infinitely finall, i.e., if all the nearer to a "Francisco—II they were infinitely finall, i.e., if all, and in every blent of Time, as it really the Cloic the RecLangles than incentively produced will make a juff Tria nole, i.g., A B F, (Fig. 62).—Here, the whoe Time A B, contlings of the Francisco and the Francisco and the Cloic the RecLangles than the Francisco and the Francisco an

8 1, Cc. But these Triangles being similar, their Areas are to one another, as the Squares of their homologous Sides A B, A 1, Cc. and consequently, the Spaces moved, are to each other as the Squares of the Times.

Laws of Acceleration.

Hence we easily infer the great Law of Acceleration, viz. "That a defeending Body uniformly accelerated, describes,
in the whole Time of its Defeent, a Space which is just
half of what it would have described in the same Time, with the accelerated Velocity it has acquir'd at the End

es of its Fall

** of its Fall."

For, the whole Space the falling Body has moved their in the Time A.B, we have actually frome, will be represented the Time A.B, we have actually frome, will be represented to the their their beautiful to the state Time, with the Veleckity B.F, will be represented by the Rechargle A.B.F.F.—Dat the United States of the State Time and the A.B.F. and their their their states of their states of the A.B.F. and their states of their states of

the Fail.

Coroll.—Hence, 1°, we gather, that the Space moved with the laft acquired Velocity BE, in half the Time AB; is equal to that really moved by the falling Body in the whole Time AB. the Fall.

whole Time AB.

"I fi a falling Body dictile usy girm Leapth in a giren

"I, fi a falling Body dictile usy girm Leapth in a giren

Time, in double the Time, in will describe few times the time.

Time, in double the Time, nine times, \$67: and univerfield, if the Time the in indimental time proportion, 1, 1, 3, 4,
55: the Space definited will be 1, 4, 9, 16, 55:

"I The Space definited by a falling Body, in a Sortier of

"I The Space described by a falling Body, in a Sortier of

"I The Space as as a far Times, the Space will all follow

and the Space and t

The Motion of a Body afcending, or impell'd upwards, is diminish'd or retarded from the lame Principle of Gravity acting in a contrary Direction, in the same manner as a fall-

ading in a contrary Direction, in the finm emisser as a fall-ing Body is accelerated. See Revanatoria. As Body thus projected upwards, rifes ttill it to all its Montess which it does in the finme l'interest to a Body dis-ing wand have acquir'd a Velocity equal to that wherewish And bence, the finm Body throuse up, will rife to the fame beight, from which, falling, it would have acquir'd the Velocity wherewish it was thrown up, will rife to the part of the project of the project of the project of the different Velocities adjusted as due to one another as the different Velocities adjusted as due to one another as the

Squares of those Velocities.

Accremation of Bodies on inclined Planes.—The fame general Law obtains here, as in Bodies falling perpendicu-larly: The Effect of the Plane is, to make the Motion flow-

larly. The Effect of the Plane is, to make the Motion flower plant the Inclusion being every whose equal, the Returner of the Plant Plant

ACCILLANTON of the Motion of courteffeld Bullet, in expanding or relicing themselved. See Coursexison, Distance, Carlon, Carlo

ACC It arifes tendinous from the upper and fore-Part of the Urethra; but foon grows fleflip, paffes under the Os Pubis, and incompaffes the Bulb of the eavernous Body of the U-rethra.—Both fides of this Mufele meet in a middle Line, corresponding to the Seam in the Skin over it; and continue fo united, the space of two Inches; after which, it detaches two fleshy Elongations, which become thin Tendons at their Terminations on the cavernous Bodies of the Penis,

their Terminations on the cavernous Bodica of the Fenis, Its apper Fart covering the Bulb, when in Action, threigh-tens the Veins which pair threi it from the Corpus Conversion of the Urethra; and hinder the Reflex of the Blood in an Erection, and by the repeated Contractions of this upper Part, drives the Blood in the Bulb towards the Glans. See

The two Elongations compress the Channel of the Ure-The INO Exongetions compress the Channel of the Ure-thes, and so force out the centain'd Seed, or Urine; whence the Musice takes its Name. See Urine; and Seed. ACCENSION, Accessio, in Physicks, the Act of Kindling, or fetting a Body on Fire. See Fire, Fuel, Hear, &c.

Hert, Es.
Accuffon, on other Occasions, is called Inflammation, Ignition, Conflagration, &c. See Ignition, Inflammation,
Conflagration, &c.
Accuffon thank opposed to Estintion. See Extinc-

The Word is form'd of the Latin Accende, I kindle. ACCENSUS, a Roman Officer, whereof there were two

Kinds. The first, were Officers of the Magistrates; that is, of the Consuls, Precos, Proconsuls, &c. who had their Name, Account, ab acciented; their principal Employment being to call Affemblies of the People, and summon People to appear

in Court The other Order of Accens, were a kind of super

The other Order of Meconff, were a kind of Imperuments Soldiers, kept on foot, to be ready to inpyth the Place of shofe who were kill'd or wounded in Bartel.—And these coording to Agentin Petuto culcided According, and according to the Accordin

Voice, and PRONUNCIATION In this Senfe, we fay, the Welch Tone or Accent, the Northern Accent, the Gafengn Accent, Norman Accent, &c.

Sec Tone, &c. The Word is form'd of the Latin Accentus ; compounded

of ad, and cane, I fing.

ACENT is also a Tone or Modulation of the Voice, frequently used as a Mark of the Intention of the Speaker; and giving a good or an evil Signification to his

One may give Officese with the finited and molt flowhing Words imagnished, by a proper Management of the de-cert, and manner of rebestings them.—The Access time-questly gives a constraint Scale to what the World themefilters. The Access time-questly gives a constraint Scale to what the World themefilters. The Access ty properly, has only no do with high and low.—The scale of Communitation Foundary all to the in the Fig. 2 to a constraint of the constraint of the Access the Access to the Access the Access to the Access the One may give Offence with the foftest and most foothing

Accent. Accent is also used in Grammar, for a Character placed

over a Syllable, to mark the Accent, i. e. to flew it is to be pronounced in a higher or a lower Tone, and regulate the inflexions of the Voice in reading. See CHARACTER, TONE, VOICE, &c.

Vaces, \$W_{\rm cutable}\$. On the go meanted Access to solitors; \$W_{\rm cutable}\$. One is to Crest, since Access Access to solitors, which flews when the Tene of the Voice is to be raised and in experfied that (?). See Access? The one of the Voice is to be deperfied; and is figured that (?). See Charte. The Crimmips Access is composed of both the Access and the Carry is it field that (?). See Charte. The Crimmips Access is composed of both the Access and the Carry is it field that (?). See Charters the description of the Access and the Access a

Ec. Such are, the long Accent, which shows that the Voice is to stop on the Vowel, and is expressed thus ().

The Bort Accent thews that the Time of Proponciation ought to be flort, and is marked thus (°).

Some even rank the Hyphen, Diaftele, and Apoftrophe, among Accents. See Hyphen, Diastola, and Apostro-

The Hebreus have a Grammatical, a Rheterical, and a Mufical Accours the first and last seem, in effect, to be the farm; shoth being comprised under the general Name of Tomic Accours, because they give the proper Tone to Syltables as the Rheterical Accounts are fast to be Eagloome's Accounts are fast to be Eagloome's insfmuch as they tend to make the Pronunciation more

insfinated as they tend to make the Trohunciation bases freezer and agreed the Bobbe. Accessis, and twenty five Tonic, There are four Emphasis Accessis, and others below the Syl-labbes; the Habrew Accessis ferring not only to regulate the Ralings and Palings of the Votes, but all to difficultingsish the Sections, Residue, and Members of Periods in a Discorte; and to antivers and to an accession of the Control of the C

Languages. See Point.

Language. See Poure.
Their denotes are divided into Engineers, Klingt, Dubkes,
Their denotes are divided by Engineers and See See
Their denotes are divided by Their denotes the
DiffileStee in makes.—Their Engineer in the supervised on the
DiffileStee in makes.—Their Engineers are supervised by the see and see
Dubke to our Commo.—The King, Insee Colony, and see
Dubke to our Commo.—The King, Insee Colony, and see
Dubke to our Commo.—The King, Insee Colony, the see show
Their Colony of the Dubke & King, as the Plancia was
Management and it much be noted, by the way, that
the Management and it much be noted. By the see the
Their Up of their Thule or Grammatical Against the
Their Up of their Thule or Grammatical Section, the
Their Up of their Thule or Grammatical
Against the Seeds, while other materials that we ree only intended
of or replace the Madde or Stuping slabdgame, that the
pages.—

Four fig rather than read the Sorjeures in their Syst-The Trust forms here to be between the reso Opinion. The Trust forms here to be between the reso Opinion, for the we are inclined to think, that the primary foresten forms to have been regulated according to the Sorjeup, but a for-tion of the second to the second that the descript from so easy to guide the Singleup, but a for-many of the En Minstellon are two falled and inconfidently and the modern Witter, or the Helmes of all once, the Helmes of the Sorjeup of the Sorjeup of the the Dishindton are two falling review as many of the En Minstellon as others. The Helmes of the Sorjeup of the Dishindton are two falling review as many the the Dishindton are the sorjeup of the Sorjeup of the Dishindton are the Sorjeup of the Sorjeup of the Dishindton are the Sorjeup of the Sorjeup of the the Dishindton and the Sorjeup of the Sorjeup of the the Sorjeup of the Sorjeup of the Sorjeup of the the Sorjeup of the Sorjeup of the Sorjeup of the Sorjeup of the the Sorjeup of the Sorjeu

peculiar, is, that they do the Office of the Points in other Languages. See Pointsing.

ise stud and finak on certain Syllables. What they have preciously, is, that they do the Olice of the Totals on Oster. Beckling the Control of the Control

afferting, that anticatly they had nothing of this Kind but a two Notes in their Poetry, which were invented by Arigaphanes the Greammarine, about the Time of Prote-my Philopater; and that these were of musical, rather than grammarical Use, ferring as Aids in the singing of their Poems; and very different from those introduced of

their Yearm's seed very outcreast room more introduces at-He sidely, that "right" extra [10] [10] of driftpleyming. He sidely that "right" extra [10] of the pick of improved on his Marin's Art; but that all they beds did that the manner of writing the Greak Alexent in shoth Days, that the number of writing the Greak Alexent in shoth Days, that the number of writing the Greak Alexent in shoth Days, that the number of writing the Greak Alexent in shoth Days, Mr. Carry, Human, in a Philier man Shoth of the sharth of Greak Topics cought not to be presumed according to the Alexent, points with principles of the Correlation of the Alexent, Greak the Carry of the Alexent and the Alexent of the Alexent of the Alexans, show time bundered Years ago; and that they were only all fair Torrys, that they were he keep on that Barbarian which was then beaching in upon them, that the animent Alexent of Alexans and the con-tens, that the animent Alexant of Alexans and the con-tens, the the animent Alexant of Alexans and the Carry of the that the modern ones of the Ardrix delley it. Willight, Greak Proficies 2 25 (4), in a Lemned Different

that we modern ones or the Arreit delitop it.

Witfelin, Grock Profelior at Haffil, in a Learned Differen-tion, endeavours to prove the Grock Accests of an older danding.—He owns that they were not always formful in the fame manner by the Anticuts 3 but thinks that Difference owing to the different Promonication which obtaind in the

and minder do fee. Antening but thinks that Discreme forecast large of receival frest of Greenestesson which obtained in the Greenel Res of Greenel Res for a few first for the Use of Accusts, even in the cartiell Days, as that they hen were all in experiments of the Company o

cented Farts. See Mrassum.

The Actured Farts are the Pfincipal's being those instabled chiefly on more and safelt. The on their the Spirit of the Milde depends. See Edia, and Morrica.

More of the Milde depends. See Edia, and Morrica.

The Actured Morrica.

The A

Bar are on the accessed Fare of the Meafare—in Triple. Time, where the Nexal always go by those and times, that which is in the middle of every three is always mutacentard, the first and list accessed. But the Archard in the first is the tentral to the first and list accessed as the Archard in the first is the common as if it had no Arcard. See Convention to the Archard in the accessed Part of the Meafare. See Hansaware—in the monetoned Part of the Meafare. See Hansaware—in the monetoned Part to this test on centifary, Different here patterns with the monetoned Part this is not no eneculty and the property of the Archard and the monetoned Part this is not no eneculty and the property of the Archard and the Ar

ACCEPT.

ACCEPT. See Acceptance, and Acceptation.
ACCEPTANCE, See Acceptance, in Matters
of Law, so agreeing or confering to fome Aft already
done; which, without fach Confent, might have been undone, or reader invalid.

The Acceptance of a Donation, is necessary to its Validity ; is a Solemnity effential thereto.—Acceptance, fay the Civi-lians, is the Concurrence of the Will or Choice of the Do-nce, which renders the Act compleat; and without which the Donor may revoke his Gift at pleasure. See Dona-

the Donor may revoke this Giff at piculars. See Dona-in Beneficiary Mattern, the Canonillo bodd, that the di-ceptasses though the figurity of at the fame time with the Re-fegation (E me a enterweith). See Resistance arrows, the gastion (E me are enterweith) are Resistance arrows, as tack that of Agreement to what has been done by mother, make a pint Leefe, or Fooffment by Doed's referring make a pint Leefe, or Fooffment by Doed's referring Rest pint Leefe, or Fooffment by Doed's referring Rest pint Leefe, or Fooffment by Doed's referring make the Leefe good : Se that the fluid be barrief from bunging the Wirt Cara is Fision. See Cris Fision.

In the Romifb Theology, the manner of receiving or admirting the Pope's Conflictations; or the Act whereby they are received, is also call'd Acceptance. See Constitution,

Bult, Ec. There are two Kinds of Acceptances; the one folemn,

the other tacit.

The Sultan Acceptance is a formal Aft, whereby fome Brroe or Scandal which the Pope condemns, is experily con-demnd by the Acceptar—Indire Disputes and Differations have been rail'd in the Catholick World, especially in Pronte, on occiden of the Acceptance of the Conditivation Uniquatitis: Many of the Prench Prelates fill refue to accept it.

accept is.

When a Conflitution has been folermly accepted by those it more immediately relates to a it is supposed to be tacity decepted by all the other Prelates in the Chriftian World, who have cognisance thereof; and this Acquiecence is what the last suppose the confliction of the confliction

who have cognismon chercof a and this Acquiselecture is worther year 12 Febru Febrush, Ke. usuly accepted the Confliction organis the Decline of Addisons, and the Statistical Confliction organis the Decline of Addisons, and the Statistical Confliction organis Typing, Sec. Measures, Jasonson, Section 11 February, Palander Confliction organis Typing and Confliction organis organis Confliction organis organis Confliction Conf

of Exceptange. The Acceptance is usually performed by him on whom the Bill is drawn a upon its being preferred to him by the Perfon in whole behalf it was drawn, or his Order.—While the Acceptor is Master of his Signature, i. e. ere he have returned the accepted Bill to the Beater, he may craste his Acceptance: Pau not after he has once delivered it. See Ex-

Bills payable at Sight are not to be accepted; as being to be acquitted at their first presenting; or, in defect of Payment, to be protested.—In Bills drawn for a certain Numher of Days after fight, the Acceptance must be dated; in regard the Time is to be accounted therefrom.—The Form of this Acceptance, is, Accepted Juch a Day, and then the Signature.

Bills drawn payable on a Day named, or at Ufance, or double Ufance, need not be dated; Ufance being reckon'd from the Date of the Bill it felf. See Usance.—On thefe

from the Date of the Bill it felf. See Usanez.—On their is fulficient to write, detegret, and the Signature. If the Bearer of a Bill be contented with an Julianum of the paid in very more than the Signature. If the Bearer of a Bill be contented with an Julianum of the paid in the Signature of the paid in the Signature of the paid to the paid to the paid to the paid to the signature of the signa

ENDORSEMENT, &c. ENDORSEMENT, GG.

ACCEPTATION, or ACCEPTION, in Grammar, the Signification of a Word; or the Senfe wherein it is taken and received. See Worn, GG.

Such a Word has feveral Acceptations.—In its first and

soon a word has reversal presparations.—In its first shall meth natural Acceptation, it chonotes, 4C.

ACCEPTILATION, in the Giril Law, an Acquittance given without receiving any Money: or a Declaration of the Creditor, in favour of the Debtor, fignifying, that he is faitifyed for his Debt, or that he forgives it him, and will not be the Debtor of the Debtor of the property of the Debtor of

no further Demands. ACCEPTION, or ACCEPTATION. See ACCEPTATION.

ACCEPTOR, of a Bill of Exchange, the Person who regrs the Bill. See Acceptance.
The Acceptor becomes personal Debtor by the Accepaccepts the Bill.

tance; and is obliged to pay it, the the Drawer fail before it become due. See Exchange. ACCESS, literally fignifies, Esfiness of Approach, or En-

trance. See Accessible.

Such a Perfou has Access to the Prince: A Man of easy

Access: The Access on that fide was very difficult, by rea-

Acces: The Acces on that nee was very cancular, by rea-fon of Nocks, Si of Latin Original, Access, to Access a The Word is of Latin Original, Access, to Access, in Medicine, a Fit, or Return of some periodi-cal Distale. So Distans, and Pantoricat. Thus, we say, an Access of the Cout, an Ague, or an In-termitting Fever, &c. See Gour, Aours, Intermitting

FEVER, Go

Faver, Ge.

Authors frequently confound Accept with Parcocylin 5 but
they are different things. See Parcoxim.

ACCESSIELE, femenhing that may be approached; or,
that Accept may be had to. See Access, and Averagear.

Such a Pince, a Fortrett, is, Acceptible from the Sen-ward,
i.e. the Pating to it is practicable. See Fortretearton,

and FORTIFIED Place.

ACCESSIBLE Height, or Distance, in Geometry, &c. is either that which may be mechanically measur'd by the Ap-

plication of a Measure to it; or it is a Height whose Base and Foot may be approach'd to; and a Dithance measured thence on the Ground. See Hatonry, Distraces, See. With the Quadrant, See, we can take Altitudes both Ac-

With the Quidnat, Ec. we can take Altitudes both Age-cifiks and Incerollible, See AFT-VENC, PARTARY, Ec. Surveying, includes the Medicining, Plotting, Cfs. both of ACCESSION, In periodately wide for the Alt wheely a thing accode, i. e., bonn or unites it left to foundating cul-ting levier. See Accessions, in the Concretor to a Ge-remone, 16c—The first or Anguly is obleved in Memory of the Kings, Agenflow to the Come of Gersa Britiston-Tias Senfe of the Weel coincides with Inavoura across-cerometer, 16c—The first or Anguly is obleved in Memory of the Kings, Agenflow to the Come of Gersa Britiston-Tias Senfe of the Weel coincides with Inavoura across-cerometer, 16c—The first or Anguly is obleved as the Powers; on the time Foring and Conditions as if originally comprehended in the Treaty of the Control of the Treaty of Virsums, &c. See Taxary. ACCESSORY, 20 Accessions, fronding that steeling.

to the Treaty of PERRIA, CA. OCC INFARTY.

ACCESSORY, or Accessary, fornething that accedes,
or is added to another more confiderable thing, or arises a natural Confequence therefrom. See Accession.

In this Senfe, the Word flands opposed to Principal. See

PRINCIPAL.

PAINCEAL
ACCESSON, or ACCESSAN, in Common Law, in chiefby udd for a Perfon gully of a folsoisus Offices; nor principally, but by frictipation as, by Advice, Command, or
Goodmann, and the common of the common

Common way also be accepting to an Acceptory, by aiding, receiving, 65% an Acceptory to Felony.

An Acceptory in Felony that have Judgment of Life and Maceptory that Principal, who did the Felony, but not till the Principal be first attained and coavide, or out-law'd thereon.

When the Principal is pardoned without have the principal in pardoned without have the principal by the principal in pardoned without the principal in th Isw'd thereon.—Where the Principal is pardoned without Artinided, tip. Actifiger, cames be arrigined; it be being a Maxim in Law, Uli most \$\tilde{\psi}\$ principal sit, non people \$\tilde{\psi}\$ principal sit, and the principal sit is a principal sit. The principal sit is a principal sit is a likeliar Result, Parish & Entries, and other Trefpalfin, which are the lowed Officence—So also in the highest Officence site is sit in the highest Officence site is sit in the principal site.

are no Ascessories. See TREASON.

Accessories in Petry Treason, Murder, and Felony,

Accessories in Petty Treason, Murder, and Felony, are not to have their Clergy.—There can be no Accessory before the Fact in Manilaughter; because that is sudden and unprepented. See Manslaughter.

Accepting by Straute, is such a one as abets, advices, aids, or receives one that commits an Offence made Felony by

Statute. See STATUTE.

ACSESSON ENGLANDS OF THE ACTION OF THE ACTIO

Some will have the Word compounded of ad alind ca-

Some will have the Word compounded of \$a\$ sind codent, 9, 4, filling or belonging to another; others impore
it form? ab accidenta, happening calculy.
The Schoolmen dillinguish three Kinds of Accidents;
Verbal, Preducable, and Predicamental.
Verbal Accident, Accident Verbalt, flands oppoled to
Plifence; and in this Senfe, the Adjuncts to a thing, tho Sub-Verbal Accident, Accident Verbale, Hands oppoled to Effence; and in this Senfe, the Adjuncts to a thing, the Sub-flances themselves, are denominated Accidents thereof. See

TUNCT. Thus, the Clothes a Man has on, the real Subfrances, yet, as they are not effential, but adventitions, or accessory to his Existence, are Accidents. See ESSENCE.

Pro-

Presidable Accinent, Recitain Presidable, is used in opposition to Proper.—Such is any common Quality; as, whiteneft, Heat, Learning, or the like. See Quality. Thus, a Man may be lick or well; and a Wall white or black; yet the one be till a Man, and the other a Wall. They are called in the Schools Predicable Accident; because usually laid down and explained in the Doctrine of Charlestocke. See Payment 2019.

See PREDICABLE

redicables. See FREDICABLE.

Predicable Accidents may either be taken in the Ab-

Presidente Accidents may enther be taken in the Abitech, as Witerschi, Learning a or to the Concrete, Write, as Witerschi, Learning a or to the Concrete, Write, as the Abitech, as is done by Torphyry as Medicater is defined as above, that which may either be pricas or abirat, without the Deltachion of its Subject. When the Abitech, as it done by Torphyry as the Abitech without the Deltachion of the Subject. When the Abitech is the Abitech of the Abitech by the Schoolmen, to be formerling capable of being predicted contingently, of many, in respect of Quality—Market and the Abitech may probably be predicted of Ton, M. Learning, which may probably be predicted of Ton, the Carrier, which may probably be predicted of Ton, the Carrier, which may probably be predicted of Ton, the Carrier, which may probably be predicted of Ton, the Learning which may probably be predicted of Ton, the Carrier and the Car

Predicamental Accivent, Accident Predicamentale; which alone properly answers to the Idea of an Accident; is a Mode, or Modification of some created Substance, in-

is a Moist, or Modification of fome created Subtinece, in-hering or depositing thereon, is as not to be capable of lab-hering or depositing thereon, is as not to be capable of the In this Senfet, Actions in appelled to Subtinece—Whence, as Subtinene: is defined a thing that fieldful or left, and the Subtineum of Actional to International International Con-traction of the Contraction of the Contraction of the Con-traction of the Contraction of the Contraction of the Con-traction of the Contraction of the Contraction of the Con-traction of the Contraction of the Contractio

hefion. An Accident, then, has an immediate and effential Dependence on its Subliance; both as to its Production, its Continuation, and its Effects: It affects or its deduced from its Subject, in preferred or fubfilled by it; and can only be Time Subject, in preferred or fubfilled by it; and can only be Time Subject, but the subject of the Subject of the Subject of Subjec

and, in fome Cafes, feparable from all Matter. ——But the Notion of real Accidents and Qualities is now exploded. See

QUALITY.

Arifords and the Peripateticks make nine Kinds or Claf-ta of Predicamental Accidents; others contract 'em into a tee of Predicamental Accidents; others contract cm into a lefs Number. See Paspicamann, and Category. Abfolius Accident, is a Term used in the Rosniff Theo-logy, for an Accident which substite, or may possibly subsit, at least miraculously, and by some supernatural Power, with-

out a Subject. Such, they contend, are the Accidents of the Bread and

Such, they contend, are the Jeculeums of the Bread and Wine in the Eucharilis, e.g., the Colour, Flavour, Figure, &c., thereof, which remain after the Subflances they belong'd to are changed into onether Subflances of Field, &c. See Eucharist, Species, Transversation, continued to the Committee of their Calaitis, and even decreed by fome of their Cou-line.—The Euchstell, fly they, being a searance, i.e. a foundation of the control of the country of the country family of the country of the country of the country family of the country of the country of the country family of the country of the country of the country family of the country of the country of the country of the same country of the same country of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of one thing for another 1 As, then, no-thing of the Subdiction of the

Hence, the Council of Constans condemns the following Proposition, which is the second of Wickiss, as Heretical: The Accidents of Bread do not remain evisions a Subject in the Sacramant. Sell. VIII. in the Sterament. Sett. VIII.

Some of the Fathers feem to give Countenance to the fame Opinion.—S. Bafil, in his VIth Homily on the Creation, observes that Light, or rather Brightness, the Spiendor of Light, we see S is Learning to the Body; and that it exited in the Beginning, without this Subject, as Whiteness is from a white Body; and that it exited in the Beginning, without this Subject; having been created four Days before.

The Gartefant, to a Man, combat the Notion of Abfa-lute Accidents, it being their DeGrine, that the Effence of Matter conflits in Extending, and that Accidents are only Modifications thereof, in no wife diffind from it: An Accident dent without a Subject must be a Contradiction.—And bence, Cartefianifis is branded as contrary to the Faith. See Can-

TESIAMISM.
Various Expedients have been invented by the Cartefisms, to account for Transhibhantiation, ESC. without the Hypothesis of Mollute Accidents.—Some hold, that the usual Impressions are made on the Senie by the immediate Agency Imprefions are made on the Senie by the immediate Agen-cy of God; and without any thing remaining of the former Nature. Others aferibe the whole to heterogeneous Matters contained in the Pores of the Bread, &c. which remaining unsiltered by the Transfubfiantiation, produce the fame Sen-fations as the Bread produced. Accident is also popularly ned for a Contingent Effect; or fomething produced easially, and without any Forekow-ledge or Deitination thereof in the Agent that produced it.

ledge or Deilitation thereof in the Agont that produced it. Soc CHARLE, PROTURE, Eff. 27 Per ACCIDENS, is frequently used among Philosphere to denote what look care is above from the Nature of a denote what look care is allowed Quillity thereof it so which Senfe, it should empford a sear of Quillity thereof it so which Senfe, it should empfor the sear of the produced to the search of the produced that the produced the produced that the pro

not connecr as 100s.

Acciping, in Heraldry, is an additional Note, or Mark
in a Cost-Armour, not neceffarily belonging thereto, but capable either of being retaind or omitted, without altering
the Effence of the Armour.—Such are Abstraments, Differenest, and Tintfure. See Abayement, Tincyure, and DIFFERENCE

DIFFERENCE.

ACCIDENTAL, fomething of the Nature of an Accident; or, that is not effential to its Subject, but indifferent thereto. See Accident, and Essential.

Thus, Whiteness is Accidental to Marble; and Heat, to

Accidental Point, in Perfective, is a Point in the horizontal Line, where Lines parallel to one another, tho not perpendicular to the Picture or Reprefentation, meet. See Point, Perspective, &c

See Fours, Ferrency, Se.
Accident Digities, and Diebilities, in Affrelogy, are certain calial Dispositions and Affections of the Finner, whereby they are improfed to be either frequencied weekend, by their being in fach a Houle of the Figure, Se.
ACCLAMATION, a confided Noife, or Shout of Joy, by which the Publick express their Applains, Effects, or a contract of the Confidence of the Co

by which the Fublick express their Appliance, Eureem, or Approbation of any thing.

Thefe were formerly used in Churches, as well as Theatres, and the Biffups and other Ecclestatical Officers, which is the state of the People.—But their principles of the People.—But their principles of the People.—But their principles of the People. elected by the Accumulation of the respice—out their pure cipal Ule has always been at the foleann Entries of Finnes and Heroes; where they are afually attended with good Wiftee, Prayers, Vow, &E., See Vow. Antiquity has handed down to us &veral Forms of Ac-

Martinetty but handed them to use twent Forms of of-clamatings as Differ used freezes, other false, support clamatings as Differ used freezes, other false, such that the support of the false, and the support of the proper of the support of the support of the support of the following the support of the support of the support of the false support of the support of

PLANE. The Afcent of a Hill is an Acclivity ; the Defeent of the

fame a Declivity. See DECLIVITY.
Some Writers of Fortification, ale Acclivity for Talus. Sec TALUS.

The Word is compounded of the Latin ad, and clivus, Hill, Eminence. ACCOLA, properly denotes an Husbandman who came

Hill, Emirance.

Hill and the second of the second of Hechandran who came from other farm to fill the Land, Za med Anomine Tomicals y to which he is difficult the first factor of the properties of the second of t thole of his own lime, are last to be fulfill as mone who is'd in our Swiour's a und are accommodated to them: It Hyperries, well did links prophely of you, Sc. which fame Words, St. Paul afterwards accommodates to the Jews of his Time.—This Method of explaining Scripture by Accommodation, fetre as a Key for folying form of the Difficulties dation, fetre as a Key for folying form of the Difficulties.

relating to the Prophecies. See Type, Prophecy, &c. On many Occasions, a Man finds it expedient to translate by Accommodation: Thus, the Word Librarius, Scrivener, may be translated, by Accommodation, a Printer; as it ori-gically fignifies those who made it their Bufiness to furnish Copies of Books, before the Invention of Printing. pies of Books, before the Invention of Printing, accommonation, is also used for an amicable Agreement,

The Process is grown to intricate and perplex'd, that there is no Hopes of getting out of it but by an Accommodation. Accommodations are required in the Accommodation of the Accommodation of the Accommodation of the Accommodation are frequently effected by means of Compromife and Arbitration. See Compromise, and Arbitration.

ACCOMPANYMENT, fornerhing attending, or added as a Circumftance to, another; either by way of Ornament, or for the fake of Symmetry, or the like. See Circum-

BYANCE.
The Mufick, in Dramatic Performances, should only be a simple Accompanyment.—The Organish sometimes apply the Word to several Fipes which they occasionally the accompany the Trebles as the Drone, Flute, &c. In Heraldry, the Accompanyments are all fuch things as are applied about the Shield, by way of Ornament; as the Belt, Mantling, Supporters, &c. See Escurenton, Shirth.

Ge.

A Thing is also faid to be accompanied, accompany, when there are feveral Bearings or Figure: about fonce one principal one; as a Shorter, Bend, Feld, Gerres, or the Mrs. Bearings or a principal one; as a Shorter, Jend, Feld, Gerres, or the Mrs. Bearings, or in priny in the time Defign or Crime with archive. See Accissors, Passy, Ge.

ACOUNTLISTIMENT, the entire Execution, Archiverment, or infallings of fourthing proped, or understant. The Accomplishment of the Projectics of the Old Telestands, in the Teleston of our Service; is the great Mark of the Shorter of the Complete of the Old Telestone, in the Teleston of our Service; is the great Mark of the Shorter of the S

tament, in the Terfon of our Saviour, is the great Marker film being the Mediffs. See Propriety of the height plant film of the Propriety of the Propriety of the Profession of the Words and by the three profession of the Menning of their Words and by the three Profession of the Pro

CONCORD.

The Word Accord in French, form'd, according to fome, from the Latin sd cor; but others, with more probability, derive it from the French Corde, a String, or Cord; on account of the agreeable Union between the Sounds of two

count of the agreeable Union between the Samily of two
Whence alide found of the Confession of the Confession of the
Whence alide found of the Confession is his use a fourth,
and a facts. See Terranzions, 165-165, 165-1 triplicate and inverse Ratio of that of the Numbers which

triplicate and inverte Ratio of that of the Numbers which express the time Accords. Suppose, e.g. two Cylinders, the Diameters of whole Bases and Lengths, are as 3 to 2; "Tis evident their Solidi-ties will be in the Ratio of 27 to 8, which is the triplicate Ratio of 3 to 2: We fay, that the Sounds of those two Cy-linders will produce a Fifth, which is expressed by those Num-bers; and that the bigged nod longed will yield the grave Sound, and the smallest the acute one.—And the like of all

See Shund, Gravity, and Acutaness. others. others. See Soudd, Crawity, and Accyrages.

Accord, in Law, is an Agreement between two, at the leaft, to fairfy an Offence that the one hath committed against the other; whether it be a Trechafe, or finch like thing, for which he hath agreed to fairfy him.—This, if executed, becomes a good Bar in Law to any Sain to be brought for the fame Matter.

brought to the fame Matter.

ACOUNTY, for Accounty, Section or Computation of ACOUNTY, and Accounty, and Accounty, and Accounty, and Accounty, and Accounting the Accountin

Account is also a Relative Term, used in respect of a Company, or Society, when two or more Perfors have redone by their Order or Commission. See Company, Com-MISSION, FACTORAGE, &c.

ACCOUNT, or ACCOUNTS, is also need collectively, for the feweral Books or Registers which Merchants keep of their Affairs, and Negotiations. See Book-RERPING, &c.

Hence, to make out an Account; to pais one's Accounts, c.—Bankrupts are oblig'd to furrender their Accounts.

See Banerury, &c.
Account, or Accompt, in a Legal Scafe, is a pa

Detail, or Enumeration deliver'd to a Court, a judge, or other proper Officer or Perion, of what a Man has receiv'd or expended on the Behalf of another, whose Affairs he has or expended on the Behalf had the Management of-

In the Remembiancer's Office in the Exchequer, are en terd the Statementainer's office one critical the fractions of all the Accounts concerning the Kings Revenue, for Cathony, Exclic, Subfidies, Ge. See Ramannances, ice allo Revenue, Costrons, Excuss, Ge. The great Accounts, as those of the Mint, Wardrobe, Army, Navy, Tenths, Ge. are called Imprest Accounts. See

All Accounts which pais the Remembrancer's Office, are brought to the Office of the Clerk of the Pipe. See Pipe ;

fee alio Taley, Clear, Applyon, W. Account, in Law, is particularly ufed for a Writ which lies where an Agent, Steward, or other Perfon, who ought to render an Account, refuses to give his Account. See STEWARD.

Chamber of Accounts, in the French Polity, is a fove-reign Court, of great Antiquity, wherein the Accounts tela-ting to the King's Revenue are deliver'd in, and register'd. Sec CHAMBER.

This aniwers pretty nearly to the Court of Exchaquer in England. See Exceeders.
There are Prefidents of Accounts, Mafters of Accounts,

There are Predicted of Accounts, naments of Accounts, Correctors of Accounts, &c.

ACCOUNTANT, or Accountants, a Person, or Officer appointed to keep or make up the Accounts of a Company, Office, Court, or the like. See Account. pany, Office, Court, or the like. See Account.
There are Accountants in the Cuffom house, the Excife,

c. See Excise, and Customhouse.
The Accountant General of the Court of Chancery. SCC CHANCERY.

ACCOUNTING- or Accompting- or Counting-Houfe;

ACCOUNTING- or Accounting-to-or Comparison-Indige-conformation (India), Casas California, com, side for an III-billenearly or a part of the Appentus, and Furnisare of Soldier, Knight, or even a Gentilenan. See Hantstanner. The Word is French's form'd from the anitota German, The Word is French's form'd from the anitota German, the Name Courre is given to the Sacrillan, or Ollicer who has the Clast of familying and ferting out the Alast, in the

Church; call'd in German Kufter, reseases.

ACCRETION, the Growth or Increase of an organical Body, by the Accession of new Parts. See NUTRITION. Accretion is of two Kinds; the one, confilling in an ex-

ternal Apposition of new Matter, This is what we otherwise call, Juxapplition; and 'ils thus, Stones, Shells, &c. are supposed to grow. See Stone, and SHELL.

The other is by fome fluid Matter received into proper Veffels, and gradually brought to adhere or grow to the Sides thereof.

This is what we call, Introfusception; and 'tis thus Plants and Animais are nourish'd. See PLANT, and ANIMAL; fee also NUTRITION. and Administ are measured.

for all N TRILLY AREASSEN, in the Givil Law, a rappe or vacant Feeting of Ground, joind or united with Grounds hold or patfield by another.—A Legger given to two Perform jointly, tone or genome worlds, falls wholly so him that a contract the contract of the

and ACCESSION.

TION, and ACCESSION.

ACCUBITOR, an antient Officer of the Emperors of ACCUBITOR, an antient to flice of the Emperor.

The Word is Lattin, form of of the Verh Accumbe, I lie by a whonce Accumbes, the has the control of the Doby.

When we fit, and at the farme time lean backwards.

ACCUMULATION, the All of bedying, or smalling feveral image regenter—The Word is compounded of ad,

feveral things together—a no work is awap-and cumulat, heap.

The Lawyers Ipeak of an Accumulation of Titles 3 as, when a Perfon clims Lands, a Benefice, or the like, in Virtue of feveral Titles, or Pretendous of different Kinds 3 e.g., by Death, by Refignation, &c. In a like Senfe, we read of Accumulative Treaton, &c.

See TREASON.

ACE

ACCURSED, fomerhing that lies under a Curfe, or under a Sentence of Excommunication. See ANATHEMA, EXCOMMUNICATION, &c.

ACCUSATION, Accusatio, in the Civil Law, the in-tenting a criminal Action against any one, either in one's own Name, or that of the Publick. See Action, and

By the Roman Law, there was no publick Accufer, for publick Crimos a every private Perfon, whether interefted in the Crime or not, might accufe, and profecute the Accufed to Punishment or Absolution.

But the Acculation of private Crimes was never received, excepting from the Mouths of those who were immediately interceffed in them.—None but the Husband could accuse his Wife of Adultery. See ADULTERY.

Indeed, it was not properly an Accusation except in pub-lick Crimes; in private ones it was call'd simply Action, or intenting an Action, intendere Actionem, or litem. Sec

Cato, the most innocent Person of his Age, had been ac-Cate, the most innocent Verton of his Age, had been se-sight 4x times; and abfored 4x times. See Assoctation. When the Accused accupes the Accuser, it is called Re-crimination; which is not admitted till the Accused has been first pargid. See Rechimination. By the cruel Laws of the Inquisition, the Accused is for-ced to accuse himself of the Crime objected to him. See

INQUISITION. It has formerly been the Custom in some Parts of Europe, where the Accusation was very heavy, either to decide it by Combat, or at least to make the Accused purge him-

felf by Oath , which, however, was not admitted, except-ing a certain Number of his Neighbours and Acquaintance fwore together with him. See Duel, Combar, Oath,

Pana Arion, &c.

ACCUSATIVE, in Grammar, the fourth Cefe of Nouns
that are declined. See Casn, and Noun.

Its Ufe may be conceived from this, That all Verbs

According to the A

which express Actions that pass from the Agent, as, to best, to break, &c. must have Subjects to receive those Actions: for, if I best, I must best fomething; so that a Verb evidently requires after it a Noan, or Name, to be the Subject or Object of the Aftion express? See Vers. Hence, in all Languages which have Cafes, the Nouns have a Termination which they call Accipation; as, some

I love God ; Cefar vicit Pompeium, Cefar overcame Pompey

came Femilys.

In English, we have notified in the Stafe from In English, we have notified in the Stafe from In English was not the stafe of the Stafe from Intelligent the Stafe from Intelligent the Stafe from Intelligent the Nominative containty precedings and the Anapthress following the Verba-Thus, when we fay, the Prince loves the Princefs, and the Thus, when we fay, the Prince force the Princefs, and the Intelligent the Stafe from Intelligent the Intell

ACEPHALUS, or ACEPHALOUS, fomething without a Head. See HEAD.

The Word is composed of the Privative a, and separa, Ca-

put, Head. Pliny reprefents the Blommyes as a Headless or Acepha-lous Nation. See BLEMMYES. — Acephalous Worms are

frequent. See Worm, and VERMES.

frequent. See woests, and VERMEN.
ACEPHALUS is more frequently applied, in a figurative
Scafe, to those desistance of a Leader, or Chief.
Thus, the Name Acephalus is fomentimes applied to fuch
Prietts or Bishops, as are exempted from the Discipline and
Jurildiction of their ordinary Bishop or Partisech. See Ex-

EMPTION, PRIVILEGE, PECULIAR.

Anaftafius the Library-Keeper, calls this Exemption from the Jurisdiction of a Patriarch, Autocophalia. See Pa-

TRIARCH. We find a great Number of Canons of Councils, Capita-

lars of Princes, &c. against Aceptatons Clerks, &c.
In our antient Law-Books, the Term is also used for those

poor People who had no proper Lord; as holding nothing in Fee, either of King, Bithop, Baron, or other Feudal Lord. L. Hen. I.

L. Hen. I. Bickefastical Hillory, Anghali frequently occur as the Denomination of divers Schu: Particularly, — 1ⁿ, Of Indo England and Particularly, — 1ⁿ, Of Indo England and Particularly, — 1ⁿ, Of Indo England and Particularly, — 1ⁿ, Of Central Blarcticks of the Vith Century, who at first followd Parter Alongray but afterwards abstanded bim, speep his fablicating to the Council of Challeston; they themselves flicking to the France of England — 3ⁿ, Of the Athecans of Severya of Zin-cent of England and Particular Schule and a tioch; and of all in general who refused to admit the Council of Chalcedon.

Some will have the Word properly to denote Hestister; and suppose it applied on this Occasion, by reason they stood neater, or dubious, hefitating about coming into the Council: But the former Opinion is the more probable; Acephalous being never afed in the latter Senfe,

In fome Writers, the Acephalous Hereticks are called Acephalues, Acephalues.
ACERB, Aceasus, a compound Taffe, confiding of ACERB, Aceasus, a compound Taffe, confiffing of our, with the Addition of a degree of Roughness. See

Such is the Taffe of all Fruits before they are ripe. See

Such is the Tatic of all Fraits denote they are ripe. Oce Faury, Marvatry, 16:.

The Phyticians shally make April on intermediate Sa-vour between Acid, Ambrec, and Bitter. See Acip, 52e.

All Matters which come under this Denomination are

All Matters which come under this Decomination and Adriguents (Sc ANAIRGENT, Adriguent), Sc ANAIRGENT, Adding the Remainst a whereast a whereast a Matter of the Remainst a strength of the Remainst and Adding the Remainst and Francis (Sc ANETABLUL), in Adriguent, a line of his Barial. See ANETABLUL, in Adriguent, a line of the Barial. See ANETABLUL, in It is a limited by the Companion of the Remainst and Adding the Remainst and Adding the Remainst and Adding the Remainst and Adding the Remainst and Values. A Brooke, Applicate, in his Treenfle of Remain Monfaces, Places, Applicate, in his Treenfle of Remain Monfaces, Places, Applicate, in his Treenfle of Remainst Monfaces, and Values, and Values, and Adding the Remainst Administration of the Remainstance of the Remainstan

Vinegar; as supposing it principally destin'd to serve Vine

ACETABULUM is also used for a Raman Measure, in use ACETABLIAN Is also used for a Roman Measure, in ulo-chichly in Medicine, for liquid Matters. See Measure.
The Acetabulum contain a Cyathus and a half, as is proved by Agratole, from two Verfees of Fasonius; who heaking of the Cyathua, Isya, it weighs ten Drachma; and the Osuthaphsor of Acetabulum, 15.

Bis quinque hunc faciunt Drachme, si appendere tentes, Oxybaphus fies si quinque addantur ad ill

Binet, in his Treatife of Weights and Meafares prefar'd to his Translation of Pliny, makes the Accelabution of Oil weight reo Quances and two Scruples; the Accelabution of Wine, two Ounces, two Drachms, a Grain, and a third of a Grain; and the Accelabution of Honey, three Ounces, three Drachms, a Scruple, and two Siliques. See Cvarnes, three Drachms, a Scruple, and two Siliques. See Cvarnes, COTTLE, &c.

ACETABULUM, is slio used in Anstomy, for a deep Cavi-ty, in certain Bones, appointed for the Reception of the large Heads of other Bones, in order to their Articulation.

large Heads of other Bones, in order to their Articulation. See Bones, and Articulations.

Thus, the Caviry of the Jebium, or Hackle Bone, which receives the Head of the Thigh-Bone, is called Acetabum, Catyla, or Catylaides. See Iscarius, Francis, Correspondents. The Ac

The Acetabulum is lined and tipp'd round with a Carti-lage, whose circular Margin is called Supercilium.—In its bottom lies a large mucilagious Gland. See Mucilado-Nous, Sc.

NOUS, GG.
AGETABLUM is also used by Austomistic in the same Sense
with Cusyladom. Sec COTTLEIONES.
ACETARIA, a Salade. See SALADE.
The Word is formed of Actions, Vinegar; in regard that
Fliad is commency used for the Sensoning thereof.
ACETOUS, fomething relating to Action, or Vinegar.

Thus, we fay, an Actions Tafte; Actions Qualities, &c.

Thus, we fay, an Actions Tafte; Actions by exciWine, and all vinous Liquors, are render'd Actions by exci-

ting their Salts, and tempering or abating their Salphure. See Wine, and Vinous. See Wira, and vinous.

The Chymitis mention divers Metts, or Meetous Liquors; as, Meetous Meetissatum; made of diffilled Vinegar, with the Addition of Some Alkaline, or Volatile Salt. See Ar-Kall.—Meeting Philopoporum, a fone kind of Liquor; andle by diffolium a little Butter of Antimony in a great

deal of water. Boyle.

Accepta, in Medicine, &c. the fame with Finegar; the Properties, Ules, and Preparation whereof, fee under the Article Virso an.

The Word is pure Latin , form'd of Acco, I am fharp-See Acid.

See ACID.

There are several Medicines in the Shops, whereof this Liquer is the Basis; as, Acetson Distillation, distilled Vinegar; chiefly ided in other Preparations for Distolution, and Precipitation. See Distillation, Dissolution, Pascer-PITATION, &c.

FITATION, U.S.,
Sprint Metil, Spirit of Vinegar; made by drenching
Copper Filings or Spirite Daff with diffill Vinegar, then
evaporating it till the Funes of the Vinegar cannot be
finely the Satrartion and Evaporation to be again repeated,
till the Metal be fatlated; which being then diffill'd, the
Spirit comes over.—Its Qualities and Ultes are much the

Spirit comes over.—Ite Qualities and Ules are, much the fame with those of the former, only more powerful. Ascenum Referum, Vinegar of Rofes; made of Rofes-bads midded in Vinegar perfer'd.—It is chiefly affed by way of Embroaction on the Head and Temples, in the Head-ach-After the fame manner is much Activation Sambacitions, Vinegar of Exists of Stofe-Vinegar marics, &c.

The German Dispensatories abound with medicated Vine-gars, chiefly aim'd against petitiential Diseases: but they are not used among us.—The College retains some of 'em, as the Acetum Theriacale Norimbergense, but it is never proferib'd.
ACHAT, in our Law-French, fignifies a Contract, ot Bargain.

Purveyors were by Act of Parliament 36 Ed. III. ordain-Furveyors were by Act of Parisament 30 Ed. III. organi-ed to be thereoforth called Abstarts. See Pearsyrors. ACHE, or Act, a painful Allment in any part of the Bo-dy. See Pain, and Disanse.

Acts are either Scotburck, Rheumatick, owing to vio-

lent Strains, or the like. Sec HEAD-Ach, and CEPHALALOY.

Hatch Acts. Soc Heads Acts and Crestalance. Conflictions of the field Nice of Acts and a politication of the field Nice of Acts and the Acts and Ac

Abbilies among the Greeki.
Zeno's Argument against Motion, is poculiarly term'd an
Abbilies... That Philosopher made a Comparison between
the Swiftnets of Abbilies, and the Stownets of a Tortoffe's
whence he argu'd, that a flow Movcable that precedes a
fwift one by ever fo finall Diffance, will never be outrus by Sec Morion

it. See Morion.
The antient Botaniffs gave the Name Achilles to feveral The annest motamits gave the Name Abvilles to leveral Plants; one of which is faid to be the fame with our Millefollum; and took its Name from Abvilles, who, having been the Dicipiles of Chiros, firth brought it into of for the Cars of Wounds and Ulcers.

Cure or Wounds and Cicers.

The Tendon of Activities, Corda Achillis, is a large Tendon, form'd by the Union of the Tendons of the four Musices of the Foot, called Extensives. See Tendon, and Foor.

It is to called, because the farail Wound whereby Achilles

is faid to have been flain, was given there.

ACHILLEIS, or ACHILLEID, a celebrated Poem of Stating, wherein he proposed to deliver the whole Life and Ac-

1893, wherein he proposed to deliver the whole Life and Ac-tions of that Hero. See Posm.

It only takes in his Infrarcy, the Poet being prevented from proceeding, by Death.

from proceeding, by Death.

The Adviting is of the Hence or Ripe Kind , but controlled to the Hence of Ripe Kind , but controlled in the Hence of th

oxidid Humour.—Actores only differ from Faci in this, that their Holes are finaller.

ACHRONICAL, in Aftronomy, is applied to the Rifing of a Star when the Sun fets; or the Sensing of a Star when the

Sun rifes. See RISING, and SETTING.

The Actronical Rifing of Mars, who is then found to be nearer the Earth than the Sun, has been one great Occasion of exploding the audient Ptokemaie System, which places the Sun in the Centre of the World, and Mars beyond the

the Soin in the Contre of the World, and Antr beyond the Son. Soc harm, Mast. Et.

Soc harm, Mast. Et.

Soc harm, Mast. Et.

Soc harm, Mast. Et.

Soc harm, Soc harm, Mast. Et.

Soc harman.

The World control from the Grobe and yerlor, Thmo.

The World control from the Grobe and yerlor, Thmo.

And are utually divided the memfrell and dalone.

The Antaglof diells, are thois horse defined, which limited the properties of the Control of the Control of the Control of the Control of Alone, Spiret of Viril, Spiret of Viril, Spiret of Viril, Spiret of Viril, Spiret of Wire, Spiret of Wire, Spiret of Wire, Control of Alone, Spiret of Viril, Control of Nira, Spiret of Wire, Control of Alone, Spiret of Viril, Control of Nira, Spiret of Wire, Control of Nira, Wire, Wire ALUMN, SULPHUR, &c.

Arusas, Surgiusa, Sc.

Dabient Acids, are those which do not retain enough of
the Acid Nature to give featible Marks thereof on the Title,
but agree with the Maniff, Hadis in fome other Properties,
fufficient to refer 'em to the fame Clais.—Hence it appears
that there are fome Characters of Acidity more general than
that of the filtery Title to 'tis that Tuito is chiefly regard
off in the Denomination.

ed in the Denomination.

The great and general Chircino, thou, of AidA, is, that they make a videnc Efferectiones, when mixed with susther make a videnc Efferectiones, when mixed with sustree is not this Report yabou niversidy to be depended on, to determine a Body to AidA, without the joint Confidentine of the Efficient Confidence of Colors produced on the Confidence of Colors produced to the Confidence of Colors produced to the Confidence of Colors and the Colors and the Colors and the Colors and the Colors and Colors a

cular Species thereof, called Aud Salis. See Salv.

Add, that the Acid Siles see all found to be volatile, joy which hey are diffinguithful from the real, which are editor fixed, or a leaf have a urious, indeed of a next Tails. See Voca. Tris. The hand Universe.

See Voca. The hand of the Green Tris. The Goldey which is all Siln.—They coulded; it as a fadelie, posterring Substitute, and the found Tris. The Goldey of the Goldey of the Goldey of the Handward of the Goldey of the Goldey of the Goldey of the Handward of the Goldey of the Handward of the Goldey of the December of the Goldey of the Go

Of this Scattimeer is Sir I. Neutron.—5 In decompounding Sulphus, floys that Author, we get an Acid Selt, of the Ime Nature with Oil of Sulphur for Campanam; which fame Acid abounding in the Bowels of the Earth, unites fometimes with Earth, and thus makes Alumn; fometimes with Earth and Metal, and makes Vitrol; and fometimes with Earth and Bitumen, and thus compounds Sulphur. Opticks.

Opidis.

In affice, all our native Salas, the without any Maxuer form that the sale of the dent to its Determination to any particular Species, appears dent to its Determination to any particular Species, appears to be one finilar, uniform Matter, the never found alone, but always accompany'd with fome furphureous Mixture or other; which determines it to fome one of the three forts of Fofiil Salte abovemention'd. Mem. de l'Acad. R. des An. 1708. Soc PRINCIPLE.

The Acid, accompany'd with its determining Salphur, no-ver becomes sensible to us, except when lodg'd either naru-

The Abest excessions of with in determining Sulphus, Re-relation from the common of the common of the common of a cry-third Sulphus and Sulphus (as a Sulphus and Sulphus an

thy Marter behind them than no result on.

The Selt naturally contained in Plants, may be confidered
as a Mixture of Earth, Oil, a little Water, and an acid
as a Mixture of Earth, Oil, a little Water, and an acid
as it. This laft largedient being feparated from the Plant
and Comment Fire. Shoots into a new Mit, which timebear on Fire. Shoots into a new Mit, which time-Solt . This lift Ingredient being Equated from the Finar with a velocence Fig. (from the interest 80 st.), which forms with a velocence Fig. (from the interest 80 st.), which forms the interest and include a second of the interest and interest an the Capa Mortuum remaining, being rodued door Aften, is forgasted by Lixivition issue one Far off at Alasty Skin, and assorber of infigled Alexino Earth—Add, that the ef-feminal Skin slavely affective catterily in Water, reveals the arre-robid-by means of Fire, of a great part of its shift a theorie-rity Part will now body differe, but a Sediment of infigul Earth, indifficulties in Water, will be found at bottoms used and difficulties and the state of the shift of the cattering that the contract of the shift of the Water, and which stife. It was not a shiftened by Virnes of the shift of the 3 million of the shift of the shift of the shift of the 3 million of the shift of the shift of the 3 million of the 3 million of the shift of the 3 million of fect a Diffolution

Again, when the Earth of the Plant, fariated with its Acid, becomes a crystalliz'd Salt; no more of the iame Acid can be introduc'd into it : whereas the lixivious Salt drawn

from the After, does not cryfatline, but fill greedily im-bles the And Spirit.

Note that And Spirit.

Note that And Spirit.

Note that Spirit is not other than the Earth of the Plant, which, norwithfunding the Volotnee of the First, which, has received a little Perion of its acid Sail, fufficient to differe it in Water; fill it referring a fufficient Number of Lewis or Berns, to obligat the full of the that their it fell,

Leenin or force, to sooge the nut. Most that that ever trees, in its out that driven out of it by the Fire.—And as the Name. Mostly is only given to a Sait, in refport of its imbiguant or saining as Mostly reflected to it, in order to the producing a crystallized Sait; the Lixivious Saits of Firms may be full to be more or left of Alcaline, as they ablorb more or left of the Mostly, or, which amounts to the times as they contain more or new Yasulets to be full out the Action.

as they comtain more or fiver Vaculities to be fill'd with Acids. An Alcaly, after it has been fully frainted with one for of Acid, will yet formetimes admit and retain part of another than the Acid and Acid an

more fold and weighty Particles of the Mineral Idea's which therefore force a way in.

The fame is always the Cafe, where an Acid appears an Acids with referred to another Acid; if that is, where, if we where of heart Moreure of force Acids yether, one whereof has a Mixeure of force Acids; always the Acid Spring one whereof has a Mixeure of force Acids.—Thus, a Ripe-caffiling, tho ever for full of Corton, will admit a good Number of Pinn.

Number of Fins.

Now, utrious Selts are Alkalites as well as the Lakvious Kind, i.e. they greedly insible dolot, estin em, and to-Noulling from the makes it plants that they are not, like the famers, a Composition of a mere earthy Matter, with a little dolor in the makes it plants in nover become Violatility forms to make it plants and not read to those for the control of the co

Sulphine slowerum ton primarve dold may be commoned.

A vegenable Sulphine, which amount ravity on the funneTo shis Cafe boding all the diffully defined of Plansa, Praint,
Woods, U.S. which most recently up the funneTo shis Cafe boding all the diffully defined of Plansa, Praint,
Woods, U.S. which most recently up the funneTo shis Cafe boding all the diffully defined of Plansa, Praint,
Woods, U.S. which most recent is provided to the property of the following Sulphine and Annuals, U.S.

The Exercises of Annuals, U.S.

The Exercises

different Phenomena and Linch's Art to no 8 secondard Re-Sec Fee Article Saurs.

The Add's of Animals are doubtled chiefly derived from Plants, in the ordinary way of Food, and Naturtino 3 and those of Plants, again, from those of Micerals. So that there fhould feem to be but one Spring of Addition The Directlines and is from what happens to 'om in patting thro' the plants of the Plants of the Plants of the Plants of the Additional Plants of the Plants of the Plants of the Plants of the Wannard Admirals. Plants of the organized Bodies of Plants and Animals. Hence it is, that Plants and Animals (specially, violed a very volatile Al-kaly Salt; whereas, the Sairs of Minerals are found altoge-ther sets, and much more fixed and concrete; the 'tis the fame Matter in both Cafes, under different affured Forms.

fame Maiter in both Cafes, under different stämend Forms. Thus, the younge Lenery agone, that as Animals ford on Plants, and reciprocally, in the Influence of Solt-poter, of the Cafe of Finning remains the fame in both Cafes, and in both Cafes is attach do not find matrix, with this only difference, that the Matrix becomes more earthy in Plants, and by that means, fixed a and in Animals, lofes its earthy Pers, and affunes other oily ones, which render it volatile. Mem. de P. Adad. An J. Addison one one one of the first Acids all on Alcalies, the great Number of little Bubbles produced during their Aciden, and

the Heat artifles; theretakes—M. Hemberg explains it them.—The Matter of Light, which he fappole so be the mean—The Matter of Light, which he fappole so he the mean of the Light of the whole Basest of the Universe; it kept in a low puffel the whole Basest of the Universe; it kept in a low puffel the whole Basest of the Universe; it kept in a low puffel the whole Basest of the Universe; it kept in a low puffel the whole the low puffel the

Sir I. Newton accounts for the Effects of Acids in a different manner, viz. from the great Principle of Attraction.

rest manner, vie. from the great Princepe or Autrachau-Sec APTACTON of Joint In Section 1 Acid, to choivers, so of a face of the Aptachauth In Section 1 Acid, to choiver, so of a face greater than those of Warts, and therefore the ventries, to find than they—They are end of with a very great to the property of the princepe of the princepe of the to the princepe of the princepe of the princepe of the and by this althe, the arealize of they Narre, and althers from them by Dillithton or Sulfman the of the princepe from them by Dillithton or Sulfman the princepe of the princepe

from them by Diffillation of Sublimation, and whose than guarder'd boost for Particles of Bolici, by the fame Power they stife, divion, and flashe them one from another; a that is, diffilder "See Dissourcerious," by Print strucklive Power, allo, wherewish they radh to-watch the Particles of Bolicis, they more find does, and watch the Particles of Bolicis, they more find does, and exacter Heart, flashing almost erim Particles, for so to turn them man Art, and guaranter habibes as and becen all your term find, which congulates in Percentage a la-terat field, which congulates in Percentage for

MENTATION

ENTATION.

**Acids, also, by attracting Water as much as they do the Particles of other Bodies, occasion the disfalfy Particles readily to mingle with Water, or foun or float in it; a fiter the manner of Sats: And as this Globe of Earth, by the the manner of Salts: And as this Globe of Earth, by the Force of Gravity, attracting Water more firengly than it does lighter Bodies, crafts thofe Bodies to afcend in Wa-ter, and go unwards from the Earth; fo, the Particles of Salts, by attracting the Water, mutually avoid and recode from one another as far as they can; and are thus diffurd throughout the whole Water.

The Particles of Alcalies confift of earthy and acid Parts united together; but these Zeids have so great an attractive Force, that they can't be separated therefrom by Fire; and that they even precipitate the Particles of dif-foly'd Metals, by attracting from them the soid Particles, which before had diffoly'd, and kept them in Solution.' See

secretary one.

I il their acid Particles be jaired with earthy one, is a famil Quantity they are be clocky retained by the latter, as a famil Quantity they are be clocky retained by the latter, as the particle of the part of other Bodies (earny ones for inflance) man its own promotes a gentle Fermentation, produces and cherifices natural Heat, and carries it on fo far formetimes, as to the Purrefiction of the Compoundy Patterfiction arising hence, that the acid Particles which have long keep up the Fermentation, at length infinuate into the little Interffices that

ACO

AC L.

4 tie berween the Particle of the faft Composition 3 and 4 fig instinately usiting with those Particles, prompting 3 and 4 fig instinately usiting with those Particles, prompting 5 and 5 figures and 5 figures 1 figures

Acid. Sec ALRALY.

It has been a Point much controverted among the Physiis nas neen a runt much controverted among the Phylicians, whether or no there be any fineer Acid in human Blood? The generality fland for the Negative; and all low R. Zbyles. Experiments, in his Hiftery of Zhiood, feel to give the thing on that fide.— But the accurate M. House the state of the Section of the Section of the Section Section 1. berg has at last turn'd the Scale the other way; and shewn,

by repeated Experiment, that an delicity may just flower, by repeated Experiment, that an delicity of what is commonly called 6₃ and just delicity flower than the common called 6₃ and just delicity flower than the control of th

nexs, Annacrontes, Jaspaceness, Anexipatamests, Ces See Seurey, Fraoux, Ed-& Rads, Mr. Beyle observes, 'n not only disturb the Body 'while they continue sensibly acid; but in many Cases cre-date Diffeners, whereof they flouid feem the Remedies. '—The they be reputed to have an incisive and resolutive — Ino they be reputed to have an incline and reloistive Virtue, and accordingly are preferibed to cut tough Fhligm, and diffolve coagulated Blood: yet there are fome Acids which mult evidently coagulate the animal Fluids, and produce Oblitudions, with all their Train of Finals, and produce Ublitations, with all their Train of Confequence—Thus, it is known, that Milk readily cardles with Spiri, of Sea Salt, 15c. See Coagulation.

Actin Spirit. See Actin—See also Salts, and Actin Spirit.

Actin Spirit. See Actin—See also Principle.

Acin Sériti. 5 any—See allo Panacipe.
ACIDITY, Achterna, Acon, the Quality which conflicted, or the Acinomy which Acid continues, a Body, Acid cor that Sendation of Sharpnefs and Acrimony which Acid cacite upon the Tafle. See Acin. Quatry. Tarry, acid the Acidity in Water.—Vinegas and Verjuic have different forts of Acidity.

Vances and Verisice have different forts of Addity.
The Predominarcy of Additis in the Body, and the Biller of the Body and the Body an

WATER.

Activate are native Waters, impregnated with Particles of force acid Mineral a as Vitriol, Alumn, Nitre, or Salt. See

WAYER.
Sometimes there is also a vinous Flavour join'd with the
Acid; by which they become peculiarly denominated Frmous Waters. See Vinous.

The Clast & Acidate are usually very cold; whence some
Authors defor Acidate to be all such Mineral or Medicinal
Mineral Acidate and Acida

Waters as are not hot. See Barn, Ec.

The Phyticians allo frequenty include Chalybeat or Perruginous Waters, under the Class of Acidule. See CHALY-BEAT, and FERRUGINOUS.

The Word is a Diminutive of Acidam; which is form'd from the Greek and, Point, Edge; in regard the Points of acid Subfrances prick and veillicate the Tongue. and solitance prick and veilleare the Toigne.

We foundrine all flow new this delistated, \(\tilde{\ell} \), \(\tilde{\ell} \), essentially shown as the price of the price

ACME, the Height, or Top of any thing.

The Word is Greek, same, Point, Tip; of samale, vigeo,

Acme is more especially us'd to denote the Height of a Diffemper; which is divided into four Periods by some In-

1°, The Arche, the Beginning, or first Attack.—2°, Ana-bassis, the Growth.—3°, Acme, the Height.—And, 4°, Pa-racme, which is the Declention of the Distemper. See DISEASE

ACOEMETES, ACOZMETI, a Name given to certain Mooks in the antient Church, who flourish d particularly in the East; and who were thus called, because they had Divine Service continually, and without Interruption, perform'd in their Churches. The Word is Greek, anoparo, form'd of the Privative a,

The Word is Greek, assuperedy, form do the Privative a, and soops, I for down, or Hope in Rev. here Boltas, each of The Admenter divided them was the Boltas, each of The Admenter divided them was the Chief of the Chief of the Held Chief of the

ing properly enough under that Denomination; in regard they keep up a perpetual Adoration, fome or other of them praying before the Sacrament, Day and Night. See Sacra-

ACOLYTHES, ACOLYTHI, in Antiquity, a Term ap-lied to fuch Persons as were steady and immoveable in their plied to tue Resolutions

For this Reafon, the Stoicks were called Acolythes; in re-gard, nothing could fhake or alter their Refulves. See

Among Ecclefiaflical Writers, the Term Acolythes is pe-culiarly applied to those young People, who, in the primi-tive Times, aspird to the Ministry; and for that Purpose, continually attended the Bishops: Which Assiduity occasi-

on'd their being called Acolystes.

In the Romiff Church, there are a fort of Acolysti yet In the Rough! Church, there are a for of Activity by the heigh just their Fractions or different from those of the heigh just their Fractions or different from their of the first of the four left Orders, whose Busines is so light to prepare the Wine and Water, 18th. See Okrana, 18th. prepare the Wine and Water, 18th. See Okrana, 18th. prepared to the Wine and Water, 18th. See Okrana, 18th. prepared to the freepe of Scientarii, who were considerated in the Prepared Scientarii, who were considerated in where Parts of the City. See Okranosa.

coss, officiated in other Farts of the CHY. See STATIONA-RII, DEACON, Ec.

The Word is derived from the Greek deauter, to follow.

ACONITE, Aconitrum, a Plant, famous among the
Antients, both in quality of a Poifon, and a Remedy. See

The antient Botaniffs give the Name Aconite to feveral

The satient Boussila give the Name Annale to Feven Plann of different Ninds—One Species they sailed Joyce serum. Academ. Flighthene, or Kenwider, Depthene y as the Northene, The Species of the Northene Northene North

Compositions.

Aconite is faid to take its Name from Acona, a City in Bisbynia, where it grows in great abundance: the it is also

found in other Places, particularly the Mountains about Frent. Some derive its Name from actors, a Rock naked for Place Earth, whereom the Plant readily thrives. It was also called post-field; as killing Mice with its bare finell, according to Plany.—The Peets feign It to have arole from the Foam of the Dog Carberns, when Hererite diagd him out of Hell.

The Antients used this Plant against the Sting of the Scorpt-on, which is faid to be deaden'd by the Touch of the Acouste, and refler'd to its Vigour by that of Hellebore,phosphore relates, that they had a way of preparing it in thoic Days, fo as it flould only defiroy at the End of one or two Years.—Arrows dipt in its place prove moral wherever they wound.—The Instant use Acouste, corrected in Cows Urine,

with good faceds against Fevers. Letr. Edsf. & Cur. ACONTIAS, a Name used by some Authors, for a fort of Comet, or Meteor, whose Head appears round or oblong, and its Tail very long and stender, resembling a Javelin.

See Comer, and Merson.

SEC LOWLT, and MELTOR.
It takes its Denomination from a Scrpent thus call'd, frequent in Calabria and Sacily; where it is also named Sactrores, by scale no fit selving at Patfengers like an Arrow; in order to which, it winds it felf up a Tree, to Pring thence with the greater Violence. For the like Resion, the Greeks

with the greater Violence. For the fixe recenon, the Greeke call it Abouting, of energing, an 2Dart, or Japan. ACOPUM, a Fomentation, of warm and emollient things, to allay the Sende of Wearinest, occasion d by too violent Labour or Exercise. See Fourinary arous, Bartinos, 55c. The Word is compounded of the Privative a, and worse,

lebur.

ACORN, Glaus. See Fruit, Seed, Sowing, &c.,
ACORUS, a Medicinal Plant, of the Ruft or Flag Kind;
Afrequently confounded by the Antients, and also by the modern Apothecatics, with the Columns Odoratus. See Ca-

LAMES.

There are two Species of Accounts the Verns, or true, and the falfe.—They are diffinguished by this, that from the middle of forme of the Leaves of the former, there arise a longish Chiller of an Infinity of Hitle Elowers, the Thick-ness of the Intile Finger, and refembling Macropiper, or Long Pepper.—The falfe Accounts is the common Sworth

geals.
"Tis only the Root of the Acorus that is ufed in Phyfick 5 and 'this this we ufusily call Acorus."—The true is brought from Lithonaia and Tetrary: it is knotty, reddiff, without, and white within 3 as thick as the little Finger, and that a Potol long. It is figty and bitteriffs; and ufed in Cephalic and Stomachic Compositions.—It is allo an Ingredient in the Therimachic Compositions.—It is allowed in the Composition of the Compositio

Some rank Galangals as a Species of Acorus. See Ga-

ACOUSTICKS, Acoustica, the Doffrine of Theory of

Sounds. See Sound.

Acousticks is what we otherwise call Phonicks. See

PHONICES. Acoustices, or Acoustica, or Acoustic Medicines, are Remedies against the Imperfections and Diferences of the Ear; or of the Sense of Hearing. See Ear, and Hear-

The Word is form'd of the Greek 'Axed, Hearing,

Inc. word is form do if the Greek Assi, Hearing, Acoustric is particularly applied to Information field by these who are flow of Hearing; to supply that Defect, Dr. Hook flays, it is by no means impossible to hear the lowest Whilper that can be made, to the Distance of a Ferlong; and that he knows a way of hearing any Perfon Speak they a Stoce-Wall three Foot thick. See Whitererun-Place, and Ecno.

DUSTIC Nerve. See Auditory Nerve. ACQUEST, or Acquist, is underflood, in a legal Scafe, of Goods, or Effects, immoveable, not defeended or held by Inheritance; but acquired, either by Purchase or Dona-See Goore

tion. Sec GOODS.

The Word is Freuch; form'd of the Verb Acquerir, to acquire.—The Freuch Laws make a deal of difference between Acquels, and beredienry Effects. The Civil Law allows none. See Heira, Hereintary, &c.

ows none. See Here, HEREDITARY, Se.
The Word is also popularly used for Conquest, or Places
quired by the Sward nired by the Swor

acquired by the Sword.

ACQUIFTANDIS Progitis, a Writ lying for a Surety
against the Creditor that refuse to acquit him after the
Debt is paid. See Surety.

ACQUIFTARR, in our aminent Law-Books, fignisse to
pay the Debt of a Person decreased a set the Heir these of his
Father, Signification, properly fignisis an Acquiess.

ACQUISTION, properly fignisies an Acquiess. See Ac-

ACQUITTAL, a Discharge, Deliverance, or setting free of a Person from the Guilt or Suspicion of an Offence.

The like Discharge in Civil Concerns, is called an Acquitsance. See Acquirrance.

Acquittal is of two Kinds in Law, and in Fall—When two are appealed or indicted of Felony, one as Principal the other as Acceffory; the Principal being difchargd, the Acceffory is by Confequence also freed: In which Cafe, as the Acceffory is acquitted by Lew, to is the Principal in

as the Accessory.

ACQUITTAL is alfo uicd, where there is a Lord Mein, and Tenan, and the Tenant holds Lords of the Mein, and the Mein holds over of the Lord Paramount: Here, the Mesh ought to acquir the Tenant of all Services claimed by any other for the same Lands; the Tenant being to do Service to the Mesh only, and not to divers Lords for one Par-

ice to the Melo only, and not to divers Lords for one Fac-d of Land. Soe Mass, and Sexwer.

ACQUITTANCE, or QUITTANCE, a Releafe, or Dis-harge in Writing, of a Sum of Money, or other Daty which cought to be paid or dose. See Receipt. The Verb Magain, the Pariciple Againted, and the Noan Seguinal, do also fightly a Dicharge from an Officec ob-

jected .- In this Senie, we meet with Acquitted by Procla-See Acquittal.

mation. See Acquirtal.

ACRASIA, algorita, is used by force Writers in Physick, for the Excess or Predominancy of one Quality above another; either in a Mixtere, or in the Conditionion of a human Body. See Crasts, Temperament, Constitution

TION, EG.
ACRE, a Quantity of Land, containing four square
Roads, or 160 square Poles. See MEASURE; see also Roads,

By a Statute of 51 Eliz. it is ordain'd, That if any Man See COTTAGE

To find the Quantity of Acres in a Piece of Ground, &c.

28 Jims we generally a Sec Surveyin form'd from the Saxon Acher, or Acker, The Word is form'd from the Saxon Acher, or Acker, Field of the Larin Ager. The Salmafilis derives it from Aere, used for Akesse, a Land-Measure among the Antients, containing to Peet.

The Kingdom of England contains by Computation 39038500 Acres: The United Provinces 4382000, &c. See Political Arithmetick.

ACREME, a Term fometimes afed in antient Law-Books,

for ten Acres. See Acres.

ACRIBEIA, a Term purely Greek, Azesses, literally denoting an exquisite or delicate Accuracy; fometimes used in

AGNHEILA, a Term percity Greek, reagiest, internal operation of the continuous of the Greek continuous

Honey, Matt. c. 2, v. 4. See HONEY.
Yet is the rendering of acades by Localits, as the English
Translators have done, much controverted.—Islance of Pé-Translators have done, much controvered.—Ifaeve of Pe-lufum, in his 132d Epiffle, fjeaking of this Food of St. febm, fays, 'They were not Animals, but the Toys of Herbs; and even charges those who understood 'em otherwise of Ignorance: But St. Augustin, Beds, Ludotphus, and others, are of a different Sentiment. Accordingly, the Jesnits of Answerp reject with Contempt the Opinion of the Ebionies, who for assists put sixes a delicious Diet prepared of Honey and Oil; that of some other innovators, who read each, or xeiths, See-Crabi; and that of Beze, who reads dixerior, wild Pears

ACRIMONY, Afterity or Starpness, expresses a Quality in Bodies, by which they correde, destroy, or distolve

others. See Corresion, &c

others. See Correction, &c.

Satz, Cassyre, &c.—The Arimony of their Arimony. See Satz, Cassyre, &c.—The Arimony of the Bile is supposed the Cause of divers Differders. See Birk.—A Casarts is a Delhason of Arimonius Human. See Cararrin,

DEFINION, RRUME, &c.
ACROATICKS, a Name given to Ariflotic's Lectures
in the more difficult and nice Parts of Philotophy; to which
none but Scholars and Friends were admitted. See Ant-

TOTAL IAM, GO.

ACROMION, ACROSSIUN, in Anatomy, the upper Procels of the Omopiata, or Shoulder-Bone. See Oxfortary,
The Word is derived from \$4.95, financia, and \$4.95, Harrary, 4.4 the Extremity of the Shoulder's and not from Anchor, on account of any refemblance in Figure which the Acre

mios bears to an Anchor, as Dionis has imagin'd. Some have thought the Acromion to be of a Nature different from that of other Bones; in regard, during Infancy, it appears to be no more than a Cartilage, which offifies by little and little, and about the Age of twenty Years be-comes hard and firm, like a common Bone. See Bone, SSIEVI

ACROSPIRE, in Natural History, &c. the fame with

ACROSPIRE, in Natural Hilbery, &c. the fame with Philmille, See Presuretz, Se gall Genouviran, y which, ACROSPIRED, is add in respect to a present property of frequently at the lower, or Rose-End, no become desired, or frequently at the lower, or Rose-End, no become desired, to the Upsers also at the upper, or Bistle-End. See Marx-ACROSPICE, a lind of Protestal Composition, the Verfew theorem are disposed in task manner, as that the Initial Letters make up property of the property of the property of Letters make up to the property of t

Motto. See Porm, and Poetra.

The Word is derived from the Greek skys, The Word is derived from the Greek days, fummus, that which is at one of the Extremes, and cin@, Verfus.

There are also Aeroficks, where the Name or Title is in the middle, or some other Part of the Verse.—And others which go backwards ; beginning with the first Letter of the Some Refiners in this trifling way, have even gone to

Pentaeroflicht; where the Name is to be repeated five

times. See PENTACROSTICE

times. See Paira Acaserates.
The Name Acceptant is also applied by fome Authors to two rations Epigemans in the first Book of the Authority y the cost is because of English, the botte of Judies 2 and the cost is because of English, the botte of Judies 2 and the cost is present of the whole, and the other 14 composed of four Epitches, heighning each with the found Entert; and thus following in the Order of the 14 Veries of the Greek Allphalter; So that the first of the 24 Letters comprehends four Existent beginning with 14; the fector data many, with 25 and 6 of the early one 2 and 6 of the each God. Sec EFIORAM:

each God. See EF10RAM.
ACROTERIA, or AGROTERS, in Architecture, little
Podefials, ufually without Bafes, placed at the Middle, and
at the two Extremes of Frontificees, or Pediments; and ferving to inport Statues. See PENERY AL, and SYANON.
Those at the Extremes ought to be half the Height of

Those at the Extremes ought to be half the Height to the Tynpaums and that in the Middle, secording to F-trevini, one eight mediant of the Height to Stone or Metal, placed at Ormanieri, or Covenings, on the Tupo of Temples, or other Buildings. See Gasway to the Gasway of Temples, or other Buildings. See Gasway to Bartiemers, which the date in region at the Buildings of the Buildings of the Capacity of the Capacity of Temples, or other Buildings. See Gasway to the Capacity of the Capacity o

The Word, in its original Greek, againes the Extremity of any Eedy as the Tipo I a Rock, Ed.

ACT, Acrus, in Phylicks, an effective Exercise or Application of fome Power, or Faculty. See Acrison. In this Senfe, the Word All, flands opposed to Prowers, Potentila, which is the Capacity of Atling. See Powers,

and POTENTIA.

and For 1871.b.

The the Word All, properly and primarily, be only applicable where the Power might cell without being drawn form and the property of the pro

Even Existence is termed an Ad ; by reason when this given a Being, nothing further is wanted. See PRRFEC-

TION, and EXISTENCE.

In this Senie, the Greeks call All, when you, a Term de-noting an actual Policifion of Perfection, by the Larins ren-der'd Perfectibabia. See Enterment.

our u verfectivesses. See ENTERECHEL.

Metaphydicians give various Divisions of Ali, viz., into
Lufinite, as the Alt of Creating; and Finite, as the Alt of
Moving.—Transferm, or those exercised in other Belogs, as
Heating; and Immaneure, which remain in their own Subjed, as Thinking.—Elicit, and Commanded, &c. See E
Thinking.—Elicit, and Commanded, &c. See E
Thinking.—Elicit, and Commanded.

LICIT, Oc.

LLCIT, G.C. Acr, in Legick, is particularly underflood of an Operation of the Mind. Sec OPERATION.

Thus, to Different and Examine, are Afts of the Underfunding: To Judge and Aftirm, are Afts of the Will. Sec UNDERSTANDING, WILL, LIERTY, JUDGERSY, E.C.

UNDERFYARTING, WILL LINERY, JODONSKY, E.C. There are Voluntary All, and Spontaneous ones which from produced without part of the part

Acrs, in the Plural, denote the publick Deliberations, and Refolutions of an Affembly, Senate, Council, Convocation, or the like; enter'd in a Register. See Recas-Ec.

THE, US.

All of Parliament are particularly denominated Statutes. See Farliament, and Statutes, See Farliament, and Statutes, See Farliament, and Statutes, the Analysis of the Royal Academy of Sciences as Paris, Memories: Those of the Societies of Barbin, Leighte, Rec. finply Alls, Ala Exadirumon, Re. See Society, Academy, Tanakartons, Journal, E. The Acts of the antient Councils were called Canons, See

CANON

The Edicts and Declarations of the Council of the Ro-man Emperors, were called Confiftery Acts, Acta Confiltorii Clerk of the Acrs, is an Officer of the Navy. See CLERK, and NAVY.

Acre are also Matters of Fact transmitted to Posterity in

Acres are and Distress of ract transmitted to Politerity in crease authentick Books, and Memorits.—In this Semle, we fay, the Alls of the Apolltes, Alls of the Maryers, &c. The Alls of Pilate relating to Jelus, is a faile and sup-posititious Relation of our Saviour's Trial before Pilate; imploutly fram'd by the Enemies of Christianity; and sill'd with the hlackest Blasphemy.—The Emperor Maximus, by a folemn Edict, order'd it to be fent into all the Provinces

of the Empire; and enjoin'd the Schoolmaders to teach and explain it to their Scholars, and make 'em learn it by heart. The Piece was wrote with fo much Carleffine's or Igno-rance, that our Saviour's Death was therein referred to the IVth Confulate of Tiberius, that is, to the VIIth of his Empire; which is eleven Years before our Saviour's Paffion, and five before Pilate was made Governor of Judea. See

and five before Philar was made Governor of Judoc. See Explains, L. Li. C. 4, 20%.

The tree and genuine All to Philat, were fort by him perfectly the perfect of the perfe

Act, in the Universities, is a Thesis maintain'd in publick, by a Candidate for a Degree; or, to shew the Capacity and Proficiency of a Student. See Thesis, Da-

GERE, Se. The Candidates for the Degree of Batchelor and Mafter of Arts, are to hold Philosophy Alls; those for Batchelor of Divinity are to keep Divinity Alls, &c. See UNIVER-

of Invinity are to keep Zivinity Acts, Sec. Sec University, Decrops, Barchelson, Sec.

At Oxford, the Time when the Matters or Doftors complear their Degrees, is also called the Ad; which is hel with great Solemnity: At Combridge they call it Commence.

with great Notemaity: At Combridge they call it Commence-ment. See COMMENTEMENT.

Acr of Estith, or Avor de Pe, is a folemn Day held by the Inquitition, for the Paniffument of Hereticks, and the Abfolmen of the Innocent Accused. See Inquistrone They usually contrive the Asto to fall on some great Fef-tival; that the Execution may pess with the more Asso and

The Criminals are first led to Church; where their Sen-tence is read to 'em, either of Condemnation or Absolution. —Those condemned to Death, are here surrender'd up by the Inquifitors to the Secular Power, with an earnest Intrea-ty that no Blood may be shed.—If they perfist in their sup-

ty that no loosed may be inco...—It trey perms in their purposed Errors, they are burnt all Division, or principal Paris in a Damastic Poem, contrived to give a Respite of Breathing-time, both to the Actors and Spectators. See Damas, TRADIEN, and COMEDY.

In the Interval between the Acts, the Theatre remains empty, and without any Action vifible to the Spectators; the its supposed all the while there is one passing out of fight.

See Acrio See ACTION.
"Its not however, purely for the fake of the Respite, that these Acts are observed; but to give Assairs a greater degree of Probability, and render the surgiue more assessing. For the Spectator who fees the Asson perspect that is to paid in the Interval, cannot forbear acting, in his Imagination, the Part of the abient Actors; by which means, he is the more agreeably furprized, when a new Aft coming upon the Stage, he fees the Effects of that Aftion, which before he

Stage, he fee in the lifeth of that Aftion, which below he could he goed in See Propagating; Goodfrie to have the most day and difficult fars of the Drans transfelder the most day and difficult fars of the Drans transfelder the most day and difficult fars of the Drans transfelder of their, excepting what their faces prefers them with at a diluter gas that broothing may appear upon the Stage, but what is instead, probable, and concertaining.
The named Transfel Reus were unaquationed with this Dividion of a Play into Affiz is to their Faindeer or Chemu's Erred Manth the fine Purple. See Paymon, and Chem

The true, they confider'd their Pieces as confishing of cer-rain Parts or Divisions, which they called *Pronaft, Epita-fit, Cataflaft, and Catafrophe: Earthers were no real Di-visions or Interruptions and woring to 'em in the Reprefer-tation. See Provasts, Erivasts, &E. **Provast & Demonst who fifth introduced *Aft_into the

"Twas the Roman who first introduced Ass into the Drama; and in Horare's Time, the Five Ass were grown into a Law, as appears by the Verse,

Ness brevier quinto, ness sit productior, actu.

This Law Rands unrepeal'd to this Day; tho it feems to draw its Force from the Authority of Harnes, tether than that of Reafine or Nauro.—All Tays are held irregaler that have either more of fewer. See Falez. Some indeed have afferred, that every just Action confiles of five dilitied Parts; and have undertaken to mark out the precision and the order of the Action, which each of the five Zdft.

precite Share or the Action, which each of the me cought to bear.

The first, fay they, is to propose the Matter or Argame.

The first, fay they, is to propose the Matter or Argame.

The third to Instant Orbitation and Difficulties.—The count on hing the Affair or Business upon the Carpetthe third to Instant Orbitation and Difficulties.—The tolar of bearing the Affair or Business and Difficulties.—The tolar either points a Remedy for those Difficulties, or finds as the character. The first present of the Affair or in the Attempt.-The fifth puts an end to all by a Difco-

very.

ve

ar Name will have 'em held every third Year; but the more common Opinion, is that they only return'd every fifth, and were celebrated in honour of Apollo,

By the way, it is a gross Overfight in some Authors, to imagine that Virgil infinances 'em to have been infilinted by Eners; from that Paffage En. III. v. 280.

Actionne Bingis gelebramus littora Ludis.

'Tis true, the Poet there alludes to the Action Games; but he only does it by way of Compliment to Augustus, to attribute that to the Hero from whom he defeended, which was done by the Emperor himself: As is observed by

ACTIAN Tests, Anni ACTIACI, were a Series of Years, commencing from the Æra of the Battle of Æltum; called the Æra of Augustus. See Years, and Erocha.

ACTION, Actio, in Physicks, the Production of an Act, or the manner of an active Caufe. See Act, and Active. The Idea of Action is so familiar to us, that a Defini-The steep of Affise is to Ismilier to us, that a Definition may a scaling bolure as expendin it.——Some Schoolmen, however, attempt to express its Nature by "A Manifesta et use of the Power or Eurogy of a Sublinace, made either "within, or without it."——Than, fay they, when the Mind Affi, what does it more, thou perceive a wisel flower exerting it felf as, is reality, the lowest Affism of the Mind, are no other than fin many indications of in Violity.

"Tis a Point controverted among the Schoolmen, whether or no Action, thus taken, be a thing diffied both from the Agent, and the Term or Effect.—The Modifis fland for the tive, and the Nominalists affort the Negative

These latter observe, that the Astron may be confider'd two ways, Entitatively and Connoratively,—Astron Entita-tively taken, is what we call a Cause, or what may act: Aftion Countatively confider'd, is the fame Caule, only confider'd as acting, or connoting the Effect it produces. Now, fay they, a Caule may be without an Aftion, concorstively taken, i. e. may be confider'd as not producing an Effect. out cannot be without is entitatively, for that would be to differs from the Action connotatively, not entitatively taken; and the Agenr is the Caule of the Action, confider'd conno-

where it is different; as the Production of Frogs by the Sun. See Univocat, and Equivocat; fee also Grinz-Ratios, Gr.—And again, into Vital; as Nuriting Refpiration, the Afton of the Heart, Gr. See Nursan Branch Sun Annual Ratios and Ratios and Ratios and Ratios of the Meart, See Nursan Branch Sun Ratios See Nursan R

Aceptation, the action of the Meast, Sc. See Nevral-rios, Respiration, Heart, Sc.—And nes Visits, as Heating. See Vital, Heart, Sc. With respect to their Sobject, Allions are divided into Immensus; which are received within the Agent that pro-duced them: as are all vital Addison, Coglication, Sc. See Thinkaing, Williams, Sc.—And Transfers, which pass

Tinusaus, Wittine, Gr.—And Yrauften, which year inso mother. So of Taniture, Vie. 1990. Spirit divided into mother. So of Taniture, Vie. 1990. Spirit divided in the fine tension, where the whole Effelt is produced in the fine Momenty as the Centron of Light And Statesfield, Produced to the Control of Light And Statesfield, Produced to the Control of the Control of

For the Actions of Powers, &c. See Power, Weight,

For the Allient of Powers, &C. See Powers, Welgery, Motion, Resirance, Fasterion, &C. For the Laws of the Allien of Fluids, &c. See Fluids, Factoric Grawing, &c. Action, in Ethicks, or Moral Action, in a Voluntary Motion, of a Centure capable of dillinguishing Good and Evil; whole Eff.&, therefore, may be juffly imputed to

the Agent. See Moral.

the Agent. See MORAL.

A Moral Affines may be more fully defined to be whatever a Man, confidered as enduced with the Powers of Understanding and Willing, and with refpect to the End he ought to sim at, and the Rule he is to regard in acting; refolves to sim at, and the Rule he is to regard in acting; refolves. thinks, does, or even omits to do; in such manner as to be-

Confequences thereof. S. C. Oppies.

The Foundation, then, of the Morality of Africas, is, that they are done Knowingly and Voluntarily. See UNDERSTANDING, and WILL.

that may are uses a substantially and Wiltz.

All Meral Ælivati may be divided, with refpect to the Rule, into Goal and Eral. See Goods, and Evil.

Actions, in Oratory, is an Accommodation of the Person of the Orator on his Subject; or, a Management of the Victor and Gesture, faired to the Matter spoken or deliver'd. See

ORATORY.

Action makes one of the great Branches or Divisions of Rhetorick, as usually taught. See RHETORICK.

The Antients usually call it Pronunciation. See PRONUN-CIATION

Action is a collateral or fecondary Method of expressing Attention is a collateral or teconicary success or expressing our ideas; and is infectipitied of a kind of Eloquence as well as the primary.—It is an Address to our external denies; which it endeavours to move, and bring into its Parry, by a well-concerted Morion and Modulation, at the films time that the Reason and Understanding are attacked by force of well-concreted Motion and Mochaltien, at the fines time that the Reafon and Underlinding are strick 40 piece of Argument. Accordingly, Taily very pertinently calls it Surganus, the Englance of the Body – The Reason Minnes and Tunomines, we read, had links a Copia in this kind, grounds, the Englance of the Body – The Reason Minnes and Romomines, we read, had links a Copia in this kind, gauge from diedles for two mr. Taye could make themches and the Copia of the Copia of

grande queddam intuens speculum componere Actionem folebat.

Every Part of the Body is by them lifted into the Service, and marthall'd in its proper Place 1 The Hand, the Eye, Head, Neck, Sides, Checks, Noffrib, Lips, Arms, Shoulders, &...—Pracepsums in Allions, Capat of — Comments of the Comments

Supercilium, Genze, Ruhor.—Non Monus folum fed & Nu-tus.—Dospitietur autem maszime Vultus.—Spin & in: Vultus Pallor.—Nares, Labia—Dentes, Cervix, Humerl, Brachia.— Manus corro, fine quibus trunca effet Aftio.—Quintil. abi

Johnson Version years and the state of the s

By field, is Majtimide of Rales and Orderrosco, via no proper prevention meet in profital—Rules to via read to perfoll the efficient, which must be Origin from another form of the profital—Rules to via read to perfoll the efficient, which must be not to the profit of the form, Rajes will home make an pleas and the profit of the form and the profit of from the intemperate and of their own Autorian Calent, Profit of the profit of the profit of the Care in carming to keep hit Hand within his Gorn. Pro-Care in carming to keep his Hand within his Gorn. Pro-Care in carming to keep his Hand within his Gorn. Pro-Care in carming to keep his Hand within his Gorn. Pro-Care in carming to keep his Hand within his Gorn. Pro-Care in Carming to keep his Hand within his Gorn. Pro-Care in the profit of the profit of the profit of the Yant in Carming to keep his Hand within his Gorn. Pro-Care in the profit of the profit of the profit of the Valley and the profit of the Pro-fit of the Profit of the Profit of the Profit of the Pro-fit of the Profit of the Profit of the Profit of the Pro-fit of the Profit of the Prof

as we are odd by Quintilina, what he Diece Thyse took in Name.— Joint mitted his bride Crop's inceffine of the Name.— Joint mitted his bride Crop's inceffine of the Name of t

and the Pulys, are brought to a more rings way or as-free Theory to the Considers of all diffirm may be visious, and Theory to the Considers of all diffirm may be visious, and immoral—volce and Cellure, we know, will stiffed Brutera, soon at mhy have Beafing, but as they have Patilian is Soo fir as their face to Gold in a Diffirmed, therefore, it does not re-formed to the property of the stiffed brutera, and the stiff of the stiffed brutera, and the stiffed brutera of the Rational Racultae, which are out of the Question, but on the Admini cone, which shee they endeaver ropoitif and elsa-damin cone, which shee they endeaver ropoitif and elsa-damin cone, which sheet they endeaver ropoitif and elsa-tion of the stiff of the stiff of the stiff of the stiff of the judgment is fell is intended to be proposed, see Receion and judgment is fell is intended to be a stiff of the stif

in the mean of the

Organ.-But the Process is sometimes inverted; in Hypo-Organ.—But the Freeds is formetimes inverted; in Hypo-chondriack, Lunatick, and other delirious Cafes; the Image is first excited in the Imagination; and the Impression there-of communicated back to the Organs of Sense: By which means, Objects are seen, which have no Existence. See

To fay no more, Action does not tend to give the Mind any Information about the Cafe in hand; is not prerended to convey any Arguments or Ideas which the fimple Ufe of Language would not convey. But is it not that we flould form our Judgments upon? And can any think help us to form our Judgments upon i And can any think help us to make a juli Judgment, belief what from eavy enlargest our Underthioling? When Gierre made Gefür trembie, turn pels, and liet All he Paper, he did not experie him of pels, and liet All he Paper, he did not experie him of had no Dependance on Gefür's Underthanding, toe was it any thing more than might have been peduced by the su-metaing Sounds of a matical Infraument du's applied. Long of Timier and Stone have often remebled on the like Oior times and stone have often trembled on the De-caffors. See Passion, Mestica, Se. Acrion, in Poetry, is an Event, either real or imaginate, which makes the Subject of an Epick or Dramatick Poetr, See Eur., Tanany, Se. The Aftim of a Poetr coincides with the Fibble thereof;

it being the usual Practice, nor to take any real Transaction of Hillory, but to feign or invent one; or at leaft, to after the Hillorical Fact, to as to render it in good measure fic-

the futionizat Face, to as to reason and influent for Fault.

F. Belfin has two Chapters, Of Real Africa, the Recitals whereof are Fables; and of Feight's Africa the Recitals whereof are Hitorical. The Criticks lay down four Qualifications, as necessary to the Epick and the Tragick Action: The first, Unity; the second, Integrity; the third, Importance; and the

fourth, Duration

For the Unity of the Epic Action. See Unity, &c.
This Unity is not only to exist in the first Draught, or
Model of the Fable, but in the whole epifodiz'd Action. See

whether of the Table, more a count of count for the Martine, we have been a count of the Martine, we have been a count of the Martine, and the Martine, which make the general Part of the Penn. See Fortaceu, Knor, "The Soutions or thoruge and the Martine, which make the general Part of the Penn. See Fortaceu, Knor, "The Soutions or thoruge and the Martine, and t PLOY, &c.

The Solution or clearing up of this Difficulty, makes the Unravelling. See Unravelling.

Unavelling. See UNA AVELUED.

The Untriviling of the Piet or Intigue, may happen two
ways; either with a Differency or without. See Discovers.

The feveral Birkes which the Unreveiling produces, the
first of the Piet of the Piet of the the
Affine into fo many Kinda.—If it the the the
the piet of the Piet of the Piet of the Piet of the
Affine into fo many Kinda.—If it the Pietite is a
the Affine is denominated Implex, or Mark's! There be
no Periperia, but the Unravelling to a more pulling from
Twolkie to Krephy the Affine Intigue.

Twolkie to Krephy the Affine Intigue.

Two the Two Affine Intigue.

The Affine Affine Intigue.

The Affine Affine Intigue.

Affine Affine Affine Intigue.

for all GATATTORIE.

For the Duration of the Fig. Allies, Arificite observes, it is not fo lumined as that of the Tragic Allies; the latter than the Gate and the Fig. 1 on, being for the University of Visiones, using the Fig. 1 on, being for the Halles which proceed more flewly, receptual as longer time other for more tube hold, or no two bods, and the Gate and Carlos and Carlos

Biffi lyr it down as a Rale, that the once velocimes the Minners of the principal Perforage are, the 16st Time cought the Afficien or 16st Accordingly, the Afficien of the Diad, consisting the Anger and Faffon of Activities, Sec. holds best 43 Days, whereas that of the Oriffice, where had the Afficien of the Afficient of the Afficient Afficient Consistence of the Hero's Performance of the Performance of the Hero's Performance of the Hero's Performance of the Hero's Performance of the Per Sec ILIAD, PASSIONS, SC

Passions, 45c.
As to the Integration of the Risk Alltins, there are two
As to the Integration of the Risk by the Dignity and Inserver of the Perfors. This hy the Dignity and Inserver of the Perfors. This was the Performance of the Performance of the Performance of the Alltins are in this Models, but what might have happend to ordinary
Perform. The Goods, by the Improvators of the Alltins in a Stone; which is Virgit's Alltins, and in which he has
much the Advances of Humer.
Biglin receitions a third way of making the Alltins importions are the Alltins of Humer.

tane, one by going a lighter feet of the certonages, it as what the Readers conceive of all that is great among Men.— This is done by comparing the Men of the Poem with the Men of the prefent Time. See Hero; fee also Charac-

TER, Gc.

This, Gose is also used in Painting and Sculpture, for the Power of a Figure 7 or the Affirm it is dispited to be incorped to by the Disposition of the Parts, or the Parts or a Figure 7 or the Affirm 1 or the Parts of the Part

Health, Vigour, and Mettle.

Acrion, in Law, is defined a Right of demanding, and

Acrion, in Law, is defined a Right of demanding, and parting in a Court of Judicatore, what is any Man's due. See Riony, County, Josepha, 25c.

Or, Allion is any kind of Process which a Person onters for the Recovery of his Right. See Course, and Pancess, Allions are divided, by Fulfminn, into two general Kindas, Read, or shook against the Virtua, y and Personal, or chook and the country of the Court of t againt the Yerjou.—For whoever brings an Allion, either does it againt non-binoxious to him, in recpted either of Couract, or of Offence: in which Cafe arise Allions a againt the Perion, which require the Partyr to do, or give founching: Or, he does it against one not obnoxious, yet with whom a Cantrovers's in the rooting from Matter; a st, if Catten bold a Field, which Pulms claims as his Property, and brings had Allion for the fame. See the Infilin. L. IV. Tit. 4. where the principal Actions introduc'd by the Roman Law, are furnmarily explain'd. In Common Law, from the two Classes of Real and Per-

fonal Actions, arifes a third, called a Mix's Action; which regards both the Perfon and Thing.

Perfonal Action, is that which one Man bath against Perfined Across, is that which one Min harb against anobor, on second of Control for Money of Goods of or Factor for Money or Goods of the Fed he is answerable. See Phases a.e.
Real Across, is that whereby the Demandant claims
This to Linds or Tucement, Rems or Common, in PerReal Across, is that whereby the Demandant claims
This to Linds or Tucement, Rems or Common, in PerReal Actives are inhelitived and replifying, which lie for
Lunds, Mr. of this own Politicino, or Settin a and Anoghrest,
the Settin or Published with an According to the Settin or Published with the Settin or Published with an According to the Settin or Published with a Money and Anoghrest,
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of the Seifin or Pathilino of his Ancettee, See Ancer's at. But Read Affairs, incently to summers and considerable, But Read Affairs, incently fo summers and considerable as Grand Cope, Petit Cope, Recotte, View Appendixer, Vouchet, Contarry Pete of Venchet, Copenhal Matrice theorems, and the Venchet of the Venchet of the Venchet of the Venchet of Venchet of

and to the Perfio. See Mix'D.
Others better define it, a Sait given by Law to recover
the Thing demanded, and Damigos for the Wrong done.
Such is Affaire of Novel Difficials, which, if the Difficifor make a Feofinean to another, the Difficie fault have
against the Difficien, and the Feofinea, or other Text-tensus ig
to recover not only the Land, but Dimages also—And the
line in Affaire of Watte, Queen impdate, &c. See As-SIZE. SSc.

star, US.
Actrons are allo divided into Civil and Penal.—Civil Action, is that which only tends to the Recovery of what, by
tends of a Cantralt, or other like Caufe, is a Mar's due.—
As, if a Man by Atlion feek to recover a Sum of Money
frometry ken, US. See Civit.
Presid Alison, aims at Gone Penalty upon the Party fact's
these corporal or pecualary. See Positisticary, Muccy,

Ec.

Such is the Affion of Legis Aquilie, in the Civil Law: And with us, the next Friends of a Man foloniously slain, or wounded, shall pursue the Law against the Offender, and of weathers, has purious the Law against the Oriender, and bring him to condign Punishment. See Appendix Acrion is also distinguished, as it lies for the Recovery either of the simple Value of the Thing challenged; or of

either or the fample value or the almg chaucagd; or or the double, triple, quadruple, §16.

Thus, a Deciri tatum lies againt Embrecers, and againt Jurors that take Money for their Verdick, of either, or both Partics. See Deciris tatum, Embracens, §5., To this Claft alfo becag all Adiens on a Strute, that infines in Offence by Reflication, or Fine proportionable to the Transgression

the Transgertion.
Acrinos, gain, is divided into Prejudicial, called alfo
Preparatory and Principal.
Prejudicial Alfon, is that which arises from fome Queftion, or doubtful Foin in the Principal one.
And the first proper Brither, for Land defeendform and the best proper Brither, for Land defeendform and the proper proper properties of the propert proceed: Whence the Action is termed Prejudicialis, quia

rius judicanda.

print judicands.

Acrions, again, is either Autesfiret, or Perspinat.—Antesfiret Atton, is that which we have by some Right defending from our Ancestor.—Perspinat Atton, in this Sense, is that which has its Beginning in and from our selves.

There is also Atton Ancestred Draitural, and Attion Ancestral Positival, and Attion Ancestral Positival.

Action upon the Cafe, Actio futer Cafum, is a general Action upon the Cafe, Actio futer Cafum, is a general Action, given for the Reducts of a Wrong done any Man without force, and not effecially provided for by Law. See

CARE.

Of all others, is now midd in a fe.—Where there are far in Centiline of Sul, phin and in the Care in Centiline of Sul, phin and in the Care in Centiline Care in Sul, phin and in the Care in C

Sec STATUTE.

Thus, where one commits Perjury to the Prejudice of another, he who is damaged shall have a Writ sipon the Statute, a Caufe accordingly.

and a Confe according to the Action Project conference of the Conference of the Conference and Allies against the Statute gives the State of Allies of State of Allies of the Conference of the

by any Ferical of Time.

Of this Kind we call G'vil Affins a mong the meient
Remetar, vin fish as arefe from Lawa, Decrees of the Segranted by the Frace of the William
granted by the Frace of cid within the Veneruse Affins
We have also Perferand and Françousy Affins in Engstates of the Theoretical William for exceptibly limited,
a full being proportual, which are not exceptibly missed
by all being proportual, which are not exceptibly limited.

The company of the Company of the Company of the Street
of 1 Edge Vil (Free Affins for their Costs affect the Giffers
committed, but he larger; and the Genne of 2 few Vill.

The own Yest. and no oncer.

c. 5. does the like for four Years; and that or \$1 \text{ Lambda by for one Years, and on more.}

But, as by the Civil Law on Allisses were for perpetual, But, as by the Civil Law on Allisses were for perpetual, but that by Time, then whigh the preferred against; \$6, in the law of the perpetual and the person of the first are expectly limited. For person, in Comparison of the first are expectly limited than, sharefore Years, by a Hine levied, or a Recovery fulfired. See Prancaire 1904.

But the State of the Property fulfired. See Prancaire 1904.

But the State of the Sta

a l'interviol, or a Recovery fuffréd. See Passen prioris, de la Drina, Raccovara, and Laurararois d'Allèse. See de l'autorità de l'autorità de l'autorità de l'autorità de l'autorità de la laction de l'autorità de la laction de la laction de la laction de la laction de l'autorità de la laction de l'autorità d'

ACTION, in Affairs of Commerce, or ACTION of a Com-pany, is a Part or Share in the Company's Stock, or Capi-tal, which confifts of a Number of fach Actions. See Con-PANY, and CAPITAL

Thus, the Capital of a Company, which has three hun-dred Affions of a thousand Livres each 3 confids of three hundred thousand Livres.

Hence, a Person is said to have four or fix Astions in such Company, if he have contributed to the Capital, and he in-terested therein, for four or six thousand Livres.

Actions.

Allow, in Frents and Halland, amount to the farm with Subject different from the Agent; Refuelled, where the Ac-Stever, or Subfiritions in England. See Surscarryross, to Subfiritions in England. See Surscarryross, the Communication or Informatics, which the Landson or Information of Informatics, which the Uniformed finish Communicated letter to table who gay Mo-CATIVITI, by Power of Ading, or the Africe Faculty.

Action is also an Obligation or Instrument, which the Directors of fact Companies deliver to those who pay Moper the part of the Companies deliver to those who pay MoThe Adlions are always rifing, and failing; a seconding as
the Company's Ceeding ains or losts. The finished Whitper
of an approaching War or Peace, true or fails, fault in
quentifycerfain conditerable Alteration therein. In the Year quently occifion a considerable Astreation Interest. In the Essistippi, the Fence Company of the West, finee called the India Company, arrived at such an immende degree of Credit; a that in fix Months time, in Afficiant for the eighteen bandred for Cent. a pitch no other Company ever came near. In 1672, the Aftient of the Dutch Engl. India Company were at fix bundred and fifty for Cent. which was the high-word and the Company company to the property of the Company of

were at ux numbered and mry per term, which was the high-off they were ever known at.—But the War with France then coming on; they fell a 50 per Cent, in a few Months. After the Peace of Nimeguen, they rofe again; and in 1718

e almost 600 per Cent. were almost 600 per Cent.

The French bave three Kinds of Alliens.—Simple, which are entitled to a Share in all, both the Profits and Loffes of the Company.—Rentiers, cattled only to a Profit of two per Cent. face; for which the King is Security.—And Interreflect Alliens, which claim the two per Cent. level d by the King 5 and are allo to thate the Excess of the Dividend

King; and are ano to with the fimple Actions.

There were feveral other Kinds of Actions introduc'd by the Brokers, in the buly Days of the Rus Quinquempois, which have finee dropt into Oblivion, as Mother Actions, Daughters, Grand-mothers, Grand-deughters, &c.

To Melt or Liquidate an Altion, is to fell, or turn it into oney, Sc. ACTIONARY, or Actionist, a Term frequent in our

News-Papers; denoting the Proprietor of an Attion, or Share in a Companies Stock. See Acrion.

News-Papers consoning the respected of an internal of some in a Companies Stock. See Acrisos. ACITYE, Acrives, formething that communicates Mo-tlen, or Achion to another. See Acrisos. In this Senfe, the Word flands opposed to Paffive. See

Thus, we fay, an Affice Cause, Affice Principles, Se.

See CARSE.

See CAUES.

The Quantity of Motion in the World, Sir I. Neutron flows, mult be always decreasing, in Vittee of the Fit Interfer, &C. So that there is a necessity for certain Assistance sight to recruit it: Such be takes the Cause of Gravity to be, and the Caue of Fermentation. Adding, that we fee ball tittle Motion is the Universe, except what is owing it of the assistance of the cast of the Caute of the MENTATION, &C.

Active Principles, in Chymiftry, are those which are pposed to all of themselves, and do not need to be put

in action by others. See PRINCIPLE.

Salt, Salphur, and Mercury, are usually confider'd by the Chymiss as Action Principles; and Phiegm and Earth, as

Chymifia as Adlive Principles; and rangim and reason, re-petitive ones. See Satur, Ede.

M. Humberg, and forme late Caymifia after him, only make one Aftive Principle, vie. Sutplum, or Fire; which they take to be the Seerce or Principle of all the Metion and

they take to be the Source or Principle of all the Motion and Allian of the Univerle. Soe Surpirus, and Firs... The Term Allius Principles, thys Dr. Rumor, has been nice to expreit forme Divitions of Matter, that see, by forme particular Modifications, compensatively allive, in respect of others; a. Spirit, Oil, and Salt, whose Pars are better tim-ted, and the surpirus of the Compensative of the Source o

how much Impropriety, will eafily appear.

For, in a first Senfe, all Motion in Matter is rather Paffion; and there is no Africe Principle, unless we call so that known Property of Gravitation, on which the Newtonian known Property of Gravitation, on which the Neutronian Philosophy is founded; which is a muttal Inclination of Ba-dies towards one another, in proportion to the Quantity of Matter, in all Galletto that he than continuous districts that an investment of the Continuous and the Continuous that an investment of the Continuous and the Continuous and what for Difficient falke, may be called Spirit, does not give it any Properties inconfiltent with this general Law. See MATTER, MOTERS, \$2.

MATTER, MOTION, U.S.
ACTIVE, IN COMMUNICATION, IS SOMEWHAT THAT HAS AN ASSESSMENT AS A STATE AS A S

Verbs Neuter also fignify an Action; but are distinguish'd from Verbs Active, in that they cannot have a Noun following 'cm.—Such are, to fleep, to go, &c. See Neuven.

Some Grammarians, however, make three Kinds of Verbs The Transitive, where the Action passes into a

See FACULTY, Sc.

The Afficity of Fire exceeds all Imagination.—The Activity of an Acid, a Poilon, &c.—Bodies, according to Sir I. Newton, derive their Afficity from the Principle of At-

Traction.

The Sphere of Activity of a Body, is the Space which farround it, to far as in hiticacy or Virtue extends to produce any incline Lifetime See Sphare, Springer, McC.

ACTOR, in Dramatic Poetry, one who reprefents form Person or Character upon the Theatre. See Preson, and

CHARACTER.

Tragedy, in its Original, only confifted of a fimple Choras, who fung Hymns in honour of Baschut. See TRAGEDY, and Grox vs.

Thefpis was the first who took upon him to introduce a

Perfons, or After ; who was to case the Chorus, by reciting the Adventures of fome of their Horoes.

Æßbylus finding a fingle Person tiresom e, thought to entertain the Audience more agreeably by the Introd a fecond Perion, who should converse and make econd Perion, who should converse and make Dialogue th the first. He likewise dress'd his Affors a little more cently than they had been before; and put them on the with the first.

Bufkin. See BUSKIN Sephocles finding the two Persons of Ægebylus too few for the Variety of Incidents, added a third; and here the Greeks slopp'd; at least, we don't find in any of their Tra-

gedies, above three Persons in the same Scene: the in their Comedies, they took a further Liberty.

The Moderns have brought a much greater Number of Affors upon the Stage.—This beightens the Trouble, and

Diffrels that should reign there; and makes a Diversity, in which the Spectator is fare to be interested.

Horace speaks of a kind of secondary Actors in his Time, whole Business was to imitate the first; and lessen themblittle Notion how these substanting the first state of the state of t

IME, PANTOMIME, &c. ACTUAL, fornething real, and effective; or that exists

ACTUAL, bouching real, and effective a or bat eath raily and abolicity. See Real, Expression, Ser. In Bullodhy, we Sey, Adhad Man, we Gold, in opped-allowing the season of receiving affined Mean, Service to the season of receiving affined Mean, Season of Real Mean, Season of

Affual Grace, is that which God gives us, to make or enable us to set, to do some Action.—Habitual Grace is fanctifying Grace, a Habit of Charity, or a Habit inherent in the Soul, which renders as agreeable to God, and Objects of

eternal Reco See GRACE So, Actual Sin is ofed in Opposition to Original Sin.

Actual Sin is that committed knowingly, by a Person arrived at Years of Diferction. Original Sin is that we con-tract by Defeent, as being Children of Adam. See On 161-

ACTUATE, to bring into Act; or put a thing in Ac-ACTUATE, to bring into Act; or put a thing in Ac-tion. See Acr, and Acrton.

Thus, an Agent is faid by the Schnolmen to affusts a Power, when it produces an Act in a Subject.—And thus the Mind may be faid to affuste; the Body.

Mind may be last to detimate the Body.

ACUTE, Shory, formething that terminates in a Point,
or an Edge; disposed either for piercing, or entring. See
Point, Edge.

In this Secte, the Word usually stands opposed to Obtuse.

Sce OBTUSE.

Acure Angle, is that which is less than a right Angle;

Activit Anger, is that which is the stand a right Anger, is only only on the control of the cont

CONE. Accre, in Musick, is understood of a Sound, or Tens which is sharp, or shrill, or high, in respect of some other-

See Sound In this Scale, the Word flands opposed to Grave. See

GRAVE. Sounds confider'd as Acute and Grave, that is, in the Re lation of Gravity and Acuteness, constitute what we call

Time, the Foundation of all Harmony. See Tenze, Coss elevely. North; and M., norvalini, Stath; as being King costs, and Hardony.

and Hardony.

state of the box Caustern of the World is of, in that he was to the foundation of the World is of, in that he was to the state of the world is of the three distributions. Stath is the property of the State Caustern State of the World is o

Voice, See Accent, is a little Line, or Virgula, placed over the Vawel, a little floping or inclined in its Defeem from right to left; as, —It is not accelent in English or Latin: the French indeed retain it; but 'tis only to mark the Clofe or Markalline'.

In the antient Greek Manuscripts, the Acute Accent stoops a great deal more, than in the modern Writings or Editions. Acurs Diffesfe, is that which terminates, or comes to its Period, in a few Days 3 or, ast Physicians express it, cite & com pricial terminaters. See Disease. In this Scrife, the Wordt Hadbor forty Days, are repeated All Diffesfe, which hold show forty Days, are repeated

Chronical. See CHRONICAL.

Dr. Quincy thinks an Acute Difeast may be defined, that

Dr. gamey times an secule Disease may be defined, that which is attended with an increased velocity of Blood. See Broon, Circulation, Heavy, Pulsa, Gr. Acus Disease Disease are more dangerous, in that, befuld the Volence of the Symptom, if there be not time to empty the Prime Vise, 'tis very difficult to flop their Progrets, and laver the Pattern. Tree.

gress, and tave the Patient. Tree.

Acute Difeafes are ufually divided into those properly called Acute; and those, which by reason of the Vehemence of the Symptoms, are called Mell Acute.

ACUTENESS, in Munck, &c. that which constitutes or denominates a Sound, &c. seute. Sec Acurx.

denominates a Sound, Eg. acute. See Acute.

There is no fach thing as Acutengl; and Graveity, abfaltety fo called, they are only Relations; fo that the fame Sound may be either Acute or Grave, according to that other Sound they refer or are compared to. See Relation. The Degrees of Gravity and Acutengl; make to many Tones, or Tunes of a Voice, or Sound. See Tone, Tune,

For the Cause and Measure of Gravity and Acuteness, fee Gravity, Interval, Sc.
ADAGE, Adagum, a Proverb, or popular Saying. See

PROVERB, Sc.

Exonass, 66.

Evaluars has made a large and valuable Collection of Greek and Roman Adages, from their Poets, Orators, Pilofophers, 62.

Adage, Broveth, and Parcemia are the fame thing; but differ from Gnomes, Sentences, and Apothegms. See GNOME,

GINET FOR UNDOWS, SERTENCES, and Apothogms. See GNOME, SENENCES, APOTHEOM, \$26.

The Word is compounded of \$a4\$, and \$agor\$, according to Scalinger, \$gmad agentr \$a4\$ all the figurificandum, because made to figurify form color thing. ADAGIO, in Mufick, one of the Words used by the Ballans, to denote a Degree or Distinction of Time. See Sec

Millions, to Secure 2018 a flow Time; the flowest of any, except Grave. See Allegae.

The Taple I is ordinarily Adagto. See Triple.

ADALIDISE, in the Spanish Folicy, are Officers of Jufice, for Matters touching the Military Forces.

rice, for Matters toucking the Military Forces, in the Laws of King Applonque, the Adelides are floke of as Officers appointed to guide and direct the Marching of the Forces in time of War.—Lopes reprefents 'em as a fort of Judges, who take Cognisance of the Differences a not of placeties, who are cognitive of the Plander, &c.
ADAMANT, ADAMAS, in Natural History, &c. an antient Name for a Precious Stone, by us called a Diamond.

ADAMI Pontum, Anam's Apple, in Anatomy, a little Prominence in the middle of the Carrilago Scattformis. See

ADAMITES, ADAMITE, a Sect of antient Hereticks,

who took upon them to imitate the Nakedness of Adam; as if Man had been reinstated in his original Innocence. They affifted in the Temples naked, and had to do with

Women in publick. Prodicus was their Author, according to the Account glven by Theodores. They were, in reality, a Branch fprung out of the Carpecratians and Bafilidians. See Carpecra

on of the Corporations and Highlatons. Soc CARNELS-TEAN, and Bhast 1984. He was a region of the size o

ADDER-Srung, is used in respect of Cartel, when stung

ADDIER-Strong, is used in respect or current, when strong with any kind of venomens Repulse 3 as Adders, Scorpions, &c. or bit by a Hedgelog, or Shrew.

ADDICE, or Arze, a sharp Tool, of the Asskind, but different from the common Ax—I is made crooked, and by the different from the common Ax—I is made crooked, and by the arrange of the common and the common Ax—I is made to color from the color from

make sid of for that Pappels.

ADDICTIO, Americano, the Rement Law, a Tradi-formic, or puffing over Goods to mesheve; whether by Sen-formic, or puffing over Goods to mesheve; whether by Sen-ter of the Control of the Control of the Control of the Con-line. West finant appeled to Abdittio, or Abditation. The West finant appeled to Abdittio, or Abditation. It is formed of Addies, once of the Intered Wards sided by the Remera Dulger, when they allowed the Delivery of the Hance, Goods that adjulged by the Treaver, to the right of Device, were citied. 2000 and addits and Debons delived were citied. 2000 and Addit in the work on their Delvi were citied. 2000 and Addit in the work on the Tolk.

up in alse manner to their Creditors, to work out their Debt, were called, Servi Addit.

Addition of Diem, denoted the adjudging of a thing to a Perfon for a certain Price; unlefs by fach a Day the Owner, or fome other Perfon gave more for it.

The Word is also uted for taking an Administration, and paying the Debts of the Deceased. See Administrators.

ADDITAMENT, ADDITAMENTUM, a thing added to another. See Appirion

another. See ADDITION.

Additionaries, in Physick and Chymidity, are Things inperadded to the ordinary ingredients of any Composition.

ADDITION, the Act of joining one thing to another y
or of augmenting a thing, by the Accession of others thereto See Augmentation, and Accession of the See Augmenting as the See Augmentation of the See Augmentation.

or of augmenting a thing, by the Accelion of others there.

See Audwarnarrons, and Accession on the say Addition to the Text, for fear of corrupting and aftering the Senfe.—In Physics, we Lay, that Natural Bodies are form'd by the Addition or Aggregation of Pars. See Aconzola-

by the Mastition or Aggregation of Lastin Oce Advanced Tion, Accessition, Eds. (Appendix, 1984). Appendix of the Additionent, or the thing added it felf.—In the new Editions of Books, Authors we to make Additions; they frequently make needles Additions; they frequently make needles for the make the state of the proposition of the prop

flows, in nea or retreations oupernatives and impertmented.

"Its an Axiom, that if to equal Quantities van add unnequal once; the Excels of the Wholes, will be the fame as
the Excels of the additional Parts.

Addition, in Arithmetick, is the first of the four fundamental Rules, or Operations of that Art. See Rule, and

ARITHMETICS

Addition confils in finding the Amount of feveral Num-bers, or Quantities feverally added one to another.—Or, Addition is the Invention of a Number, from two or more Numbers taken jointly or together. See Numbers, the fiven Numbers taken jointly or together. See Numbers, and Aggre-This Number, thus found, as called the Sum, or Aggre-

This Number, thus found, is called the Suns, or Aggregate of the Numbers given. See Sense.

The Character of Addition is +, which we afadly expects by Plus. Thus 2+4 denotes the Sum of 3 and 45 and is read 3 plus 4. See Character a.

To add any given Numbers together, The Addition of fimple Numbers is easy. Thus it is readily perceiv'd that 7 and 9, or 7+9 make 16, and 11+15

make as In longer, or compounded Numbers, the Bufinels is per-form'd by writing the given Numbers in a Row, downwards; Homogeneous under Homogeneous, i.e. Units under Units,

Homogeneous under Homogeneous, i.e. Units under Units, Tens under Tens, i.e., and fingly collecting the Sums of the respective Columns.

To do this, we begin at the bottom of the outmest Row or Column, to the right; and if the Amount of this Column do not exceed 9, we write it down at the Foot of the Edium Column: If it do exceed 9, the Excels is only to be wrate down, and the rest reserved to be carried to the next Row,

and added thereto; as being of the same Kind, or Denomination.
Sappole, e.g. the Numbers 1337 and 171, were given to be added; write either of them, v. gr. 171, ancher the center, 1337, ft s. in the United the most, was, 1, 137, etc., 137,

ADD

eits ... is to be witters, and the other s, referred in your Mirel to be added to the next Row, s and 5; then fally s and s makes, which added to 9 makes 5; this witter used dements, and there will remain only s, the first Figures of the upper Row of Numbers, which we good, one stay of the temper Row of Numbers, which was good, one stay of the stay of 8 make 9, 9+2 make 11, and 11+9 make 20; and hav-ing writ the o underneath, fay again, 2 and 8 make 10, and of them all.

Adding or furning up each Denominations, for inflance, of Pounds, Shillings, and Pence, is perform'd by adding or furning up each Denomination by it felf, always acting or imming up each Denomination by it lelf, always beginning with the lowed; and if after the Malition, there be enough to make one of the next higher Denomination, for inflance, Pence congals to make one or more Shillings; they must be added to the Figures of that Denomination, that it, in the Shillings; and the other ways to the property of the property of

The state of the s

Cording to the former Rules.

Appartion of Decimals, Addition of Decimals, is perform'd after the fame

following Example. See also Decimal.

630.953 987.3037

ADDITION of Vulgar Fractions, fee under the Article FRACTION.

Fraction.

Answerson, in Algebra, or the Andrition of Species, in performed by connecting the Quantities to be added, by their proper Species, the Quantities to be added, by their proper Species, and the species of their properties.

Thus, a seal b make +by a and -b make =by a and -b make =by a and a be make =by a and a make (a-by a), and a distribution of the species of their properties. The species of the

is all one in whatever Order they be written.

But, particularly, 1°, differentive Quantities of the fame
Species or Kind, are united by adding the profix's Nambers colvereby the Species are multiplied. See Positives.

Thus, not pa make 16a. And 11bc+15bc make 16bc.

Also 3°, +5°, make 8°, and 2√ac+7√ac make 9√ac;

6\sqrt{ab-xx+7\sqrt{ab-xx}} make 13\sqrt{ab-xx}. And in like manner 6\sqrt{3+7\sqrt{3}} make 13\sqrt{3}. Again, a\sqrt{ac+b\sqrt{ac}} make s+by ac, by adding together a and b, as Numbers multiplying vac. And so 2a+3c v 3axx x3+3a v 3axx x3

make sa+3e / 3axx -x fince 2a+3c and 3s make a+x 54+3C. 2°, Affirmative Fractions, which have the fame Denomi-nator, are added together by adding their Numerators.

Thus, $\frac{a+a}{b+a}$ make $\frac{a}{b}$, and $\frac{aax}{b+a}$ make $\frac{5ax}{b}$; and thus $\frac{8s\sqrt{cx}}{2s+\sqrt{cx}} + \frac{17s\sqrt{cx}}{2s+\sqrt{cx}} \text{ make } \frac{25s\sqrt{cx}}{2s+\sqrt{cx}}, \text{ and } \frac{as}{c} + \frac{bx}{c}$ $\frac{as-bx}{2s+\sqrt{cx}} \text{ See Fa Action.}$

3°, Negative Quantities are added after the same manner as Affirmative. See NEGATIVE.

Thus, -2 and -3 make -5; $-\frac{4\pi x}{b}$ and $-\frac{11\pi x}{b}$ make

 $\frac{15dx}{h}$; $-a\sqrt{ax}$ and $-b\sqrt{ax}$ make $-a-b\sqrt{ax}$.

When a Negative Quantity is to be added to an affirmative one; the Affirmative must be diminish a by a Negative one. Thus, 3 and -2 make 1; $\frac{118x}{b}$ and $-\frac{48x}{b}$ make $\frac{78x}{b}$.

-avac and bvac make b-avac.

And note, that when the negative Quantity is greater than the Affirmative, the Aggregate or Sum will be Negative. Thus, 2 and -3 make-1 3 - 11ax and 4ax make

 $-\frac{7dx}{h}$; and $2\sqrt{ac}$ and $-\gamma\sqrt{ac}$ make $-5\sqrt{ac}$.

Andriton of Irrational Quantities.—If they be of dif-ferent Denominations, reduce can to the fame Denomina-tion 3 and if they be then commensionable, add the Ratio-nal Quantities without the Vinculum 3 and to their Sum pre-fix the Radical Sign.—The rest as in the Addition of Ra-

Than, we find find \$\forall 4 \cdot\ \text{Times are the least to the contrary, \$\forall \) and \$\forall 4 \cdot\ \text{Times, \$\forall 4 \cdos\ \text{Times, \$\forall 4 \cdot\ \text{Time

Maßen, &cc.

mapon, occ.
Additions of Place, arc, of Thorp, of Dale, of Woodflock—Where a Man bath Houshold in two Places, he shall
be faid to dwell in both; so that his Addition in either may fuffice.

The Word is compounded of ad, to, and attent, tertweet bring to.

Additional terms of the department of the department of Additional terms of the department of the definition of the definition

FINGER. ADDUCTOR Pellicis Pedis, called also Antithenar, is a Muscle of the great Toe, which arises from the inferior Part of the Os Cunsiforme tersium, and is inferted into the in-

ternal Part of the Offa Seffamoidea of the great Toc 4 which it draws nearer the reft. Annucros Indicit, is a Muscle of the Fore-finger, ari-fing from the infide of the Bone of the Thumb, and inferred into the first Bone of the Fore-singer, which it draws to-

wards the Thumb ADDUCTOR minimi digiti Pedit. See TRANSVERSALIS

ADELING, or ETHLING, from the Saxon Ædelan, q.d. Nobilis; a Title of Honour among the English Saxons, pro-

Nabilit; a Title of Honour among the Logish Saswers, pro-perly belonging to the Succeffor, or Heir Apparent of the Cown. See France, Ed. King Lénera's the Confetto being withour fifee, and is-rending to make Légar, to whom he was great Uncle by the Mother's fide, his Helr; fift catted him his Adeling. Now, Antiquaries oblerow, that he was defined.

the Monter's note, as ricer's new cauca and as Austrage.

Now, Antiquaries observe, that it was sual for the Esteory
to join the Word Ling to the Christian Name, which fignify'd
a Son, or the Younger; as Edminating for the Son of Esmund: so that Adeling fignify'd the Son of a King. See

ADEMP-

ADI

ADEMPTION, ADEMPTIO, in the Civil Law, the R The Admitted Action of the like.

The Admitted of a Legacy, may be either Express; as when the Testare declares in form, that he revokes what he had bequeathed: Or Tests, as when he only revokes

he had bequeathed: Or Tacit, as when he only revokes it indirectly, or implicitly.

ADERS, in Anatomy, a Species of Fat, found in the Cavities of the Addomen. See Fax.

The Adept differs from the common Fat, called Fingue-do j in that it is thicker, harder, and of a more earthy Sub-

france. See Pingurno.

The Adept is much the fame with what we call Sevium, Suct, or Leef. See Savens. Aners is also used by the Physicians, as a general Name for Fat of either Kind.

for Fat of either Kind.

The Adopt Anjeris, Goule's Fat; Adopt Cenis, Fat of a
Dog; Adopt Howinsis, Fat of a Man; Adopt Viptere, Vipers Fat; and Adopt Vift, Bear Vat, are all need in Medicine, in quality of Ripeners, or Drawers; as being of a penetrating Nature, and thereby faited to diffidive and rarrily
the Temors, and bring em as it were to Maturity. See

RIPENER.

RIFINEN.
The specific Virtues saferibed to certain of 'em, do not feem well warranted. See Far, Virtue, Efe.
ADEPTS, Anerri, a Denomination given to the Profesions in Alchymy; particularly those who pretend to the Secrets of the Philosopher's Stone, and the Universal Medicine. See Alchymy, Philosopher's Stone, and the Universal Medicine.

TION, ELIXIB, &C. Ripley, Lully, Paracelfus, Helmont, Hellandus, Centivoglio, c. are the Principal among the Adepti. See Chymistray. The Word is Latin, Adeptis, form'd of the Verb adipti-

Here wester hearing, Tamperson, towards the state of Talla for of Tambiliton among the Aldysmith, that there are always traches distrift, and that their Piaces are immediately, flapplied by other, wherever it placifes any of the Fatternies; to die, or transfulgate into lone other Piace, and the state of the place of

See INADEQUATE. Sec IMADEQUATE.

ARROWATE Most, or Notions, are fach Images or Conceptions of an Object, as perfectly reprefere it, or answer to all the Parts and Properties of it. Sec IDEA.

M. Leibnitz classics an Adequate Notion, to be the Mode Several Section.

M. Leismite delines in Medigate Nations, to be that of the classified of the classif

See Asstract.

in general.

Of the fame Kind are all ideas, of which we know no Original or external Object really existing our of them; by occasion of which they were excited in us, and of which we think them the Images. —Thus, when a Dog is before us, it is the external Object without us which railes the Idea in is the external object winder is which tends in our Mind; but the Idea of an Animal in general, has no external Object to excite it: 'tis created by the Mind it left, and must of Necessity be adequate, or perfect. See As-STRACTION

On the contrary, the Ideas of all Subflances are inadequate and imperfect, which are not form'd at the Pleafure of the Mind, but gather'd from certain Properties, which Experionce discovers in them. See Substance.

This is evident, in regard our Knowledge of Subflances is

very defective; and that we are only acquainted with some of their Properties: Thus, we know that Silver is white, that it is malleable, that it melts, &c. but we do not know what further Properties it may have; and are wholly igno-rant of the inward Texture of the Particles whereof it confifts.—Our idea of Silver therefore, not reprefenting to the Mind all the Properties of Silver, is inadequate and im-

ADESSENARII, a Sect in Religion, who hold that Je-fus Christ is really prefent in the Eucharist; but in a man-

ner different from what the Romanists hold. See Eucira-RIST, So.

The Adeffenarii, call'd alfo Impanatores, are divided in

The Integers II, call of and Imperiances, are divined in-to four different Opinion touching the Point.—Some hold that the Body of Jefus Chriff is in the Bread; others, that it is about the Bread; others, that it is with the Bread y and ladly, others, that it is under the Bread. See Impana-

The Name Addiffuserit was first strong by Prateclus, from the Latin Vech addiff, to be present.

ADEFICIED Exparison. See Exparison.

ADEFICIAD ADVERTISES, in Physics, the State of two Bodies which are joind or fatterd to each other, either two Bodies which are joind or fatterd to each other, either two Bodies when a seed of the comparison of external Bodies. See Courseson, and Naxus.

The Word is compounded of the Latin ad, and Barce, I flick or cleave to.

Anatomitis femetimes observe Adbessors of the Lungs to the Sides of the Thorax, the Pleura, and Diaphragma, which give occasion to various Disorders. See Lunus, Pleu-RA, PLEDRIST, PHYRISIS, PREINFREMONY, &c.
The Adhylon of two polish'd Planes, or two Hemispheres, is a Phenomenon sig'd in behalf of the Weight and Pref-

fure of the Atmosphere. See Atmosphere.
The Schoolmen diffinguish two Kinds of Certifude: the

The Schoolmen ditinguish two Kinds of Certisade: the one of Speculation, which arties from the Evidence of the Thing; and the other of Abbylon, which has nething to do with Evidence, but arties purely from the Importance of the Marter, and the lottered we have in its Trath. See CRETITOR, TRAVIMONT, TRAVIT, EVERBERG, 55.
ADJACENT, or APJONINSO, fomething contiguous, of must note another. See Cost Torons.

The Word is compounded of ad, to, and jacere, to lie.

The Word is compounded of sd, to, and jdeere, to the Applaces Apple See Abruz.

ADIAPHORISTS, ADIAPHORISTS. ADIAPHORISTS. ADIAPHORISTS, ADIAPHORISTS, ADIAPHORISTS. ADIAPHORISTS. ADIAPHORISTS and sifterwards to thick who Educations of Melanding and sifterwards to thick who Indicable the Interim of Charles V. See LUTTIFRAN.

The fame Name might also be applied to those now called

Indifferentifts. Sec Indifferentist.

Instituteratifis. See Indiperent Price of the World to originally Greek, Ausored, indifferent.
ADIAPHOROUS, Advancationes, q. d. Instifferent, or Neutral; a Name, given by Mr. Boyle to a Kind of Spirit distill from Tattar and fome other Vegetable Bodies; and which is neither Acid, Vinous, nor Urinous; but in many respects different from any other for of Spirit. See

many respects different from any other for of Spirit. Seo SPIRIT; for allo NEWFRAL,

ADJECTIVE, Nown ADJECTIVE, Or ADDOUN, in Grammar, a Kind of Nean joined with a Noun Sublantive either express of or understood, to shew its manner of being, that is, its Qualities or Accidents. See Nown, Es.

The Word is formed of the Latin adjierre, to add to; as

being to be added to a Subflantive, without which it has no precife Signification at all.

Father Buffier defines Adjedite in a new manner, and fets it in a Light different from that of other Grammari-

ans.—Nouns, according to him, are Substantives, when the Objects which they represent are considered simply, and in themfelves, without any regard to their Qualities : On

in themselves, without any regard to their Qualities; On the contraty, they are Adjectives, when they experts the Quality of an Object. See Quality.

Thus, when I fay finely, a Heart; the Word Heart is a Subhantive, becaule none of its Qualities are express a per when I fay a generous Heart, the Word generous is an Adjective; becaule it adds a Quality or Autibate to the

Heart. Miséliver, then, scent to be nothing else but Modifica-tives.—In esset, the lind of an Adoletive being only to ex-perfect the Qualities of an Object, if that Quality be the Object it self-whereof we speak, it becomes a Sublantive 3, e.g. If I say, so the Substitute of Adoletives. But II say, Good is attaupt to be cloples, 'its evident Good in the Subject I speak of 3 and confequently, Good there is a Substantive.

Sablantivo.

On the coursey, it often happen in other Languages. On the coursey, it often happen in other Languages. Additionable becomes an Addition as for induser, in their Words, the King, Hen and Addition as it is in the Words, the King, Hen the ordinarily a Sablantive, in yet apparently an Addition, the ordinarily a Sablantive, in yet apparently an Addition of the Noise which, in the common Grammer, are seconded Sablantives are really Adjustices, and one ordinary formum, in this and a thouland other Indusers depending

upon Cuttom. See Sure ANTIVE.

AD Inquire unform, a Win Judical, commanding Inquiry to be made of any thing towarding a Caude depending in the King's Court, for the Better Execution of Juffice; as of Barardy, and Rehelbe. Lee See Wirt.

ADJOINING, DEPORTED, In Philosophy, &c. Sca Adjuster, and Adjusteria, and Adjusteria, See Sea

An.

ADJOURNED is particularly un'd for the Affociating of a Parson to another; or appointing him a Collegue, or Mount. See ADJOURNMENT, the putting off a Court, or Moeting; and appointing it to be kept at another Time, or Flace. See Court, Et.

In this Sende, we meet with the Phrase Adjournment in

In this Sente, we meet with the Phraic Zajournment in Eyre, for an Appointment of a Day when the Juffices in Fure intend to de again. See Justice. Fune, 1866. Evre Adjournment of Parliament differ from Propogations. See

Each House has the Privilege of adjourning it felf. See

PARLIAMENT. The Word is form'd of the Latin ad, to, and the French

The Word is form'd of the Latin ad, to, and the French jour, Day; q.d. to another Day. ADIPOSA, or Anzeosa Membrana, in Anatomy, is a Membrane invefting the Body, Immediately under the Cit it; supposed to be the Basis of the Fax, which is ledged in

HE 5 supposed to be the Bass of the Fax, which is ledged in the Spices between its Fibres, and in poculiar Cells formed herein. See Fax, Cutts, Call, 15c. Anatomilis are divided as to the Reality of this Mem-brane, most of the later Writers taking it to be no other than the exterior Membrane of the Membrane Carnossis, or

Magazione Communis. See Mamba and, Carnosa, &c.
Vala Androsa. Fat Velicis. make a Part of the Subitance

Fall Antioss, Fair Fight, make a rate of the Subhance of the Omentum, or Caul. Sec Observem.
ADIPOSE Cells, Cellule Antiposm, or Leculi Antions. Sec Celivlæ Adapoje.
Antipose Dučis, Dučius Antipost. Sec Ductus Adipoje.

Malbiohi flarts a Doubt whether the Adipole Duels may not be propagated from the Fibres which abound in the Sulcen; or thefe Fibres from them 3.—As also whether

Spicen; or those ripres from them 6-As and, which there be not a yet undifcover'd Communication between the Omentum and the Membrana Adopti.

Omessum and the Manderson Johnyth.

ADIT, AUTER, the Shaft, or Entrance Isso a Mine,
Quarry, or the like, See Miner, Quantary, Sée.

ADIT, LOUZE, in June—When as deveniments Sentonce is
ADIT, DECE, in June—When as deveniments Sentonce is
judged for him. See Stars was the Colfe told to be adtionable of the See Stars was the Colfe told to be adjudged for him. See Stars was the
Judged Coles, Sée. See Coassons Leur.

ADIT, DECE, DONN, the AdI of adjudgings, or of giving
ADIT, DECE, DONN, the AdI of adjudgings, or of giving
ADIT, DECE, DONN, the AdI of adjudgings, or of giving
The Word is particularly and for the Addiction or Configuring a thing field by Corta, Adviso, or the like, to the
ADIT, COT, On, auter external instance, or adding of the
ADIT, COT, On, auter external instance, or adding of the

gacit Middet. See ADDICTIO.

ADJUNCTIO, a more external joining, or adding of one ing to another. See Appartum.

ADJUNCTIO, a mere external journing, we assume or thing to another. See ADJUTTION.

All Adjunction implies a Suberdination.—The Adjunct is for the fake of the Thing it is joind to, not contraywife; as, the Clothes for the Man, not the Man for the Clothes.—Whatever is a Part of a thing, cannot be called an Ad-

junet of it. See Appuners. There are various Species of Adiumstion : viz. Affe from, 8cc.

There are various Species of Adjunttion; via. Addefice, profittion, Algorang, Acoustion, Incubation, Importion, Biffon, Sec. Soc Addition, Argustron, E.C. ADJUNCT, Anyuncrus, in Philosophy, fomething add to a Being from without. Sec Anyuncrio.

Or, an Adjuntt is an Additament or Accossion to a thing, ot effentially belonging to it, but only accidental thereto.

See ACCIDENT. There are two Kinds of Adjuncts; the one,

There are two Kinds of AdjustIs; the one, a Subtlance (whether Spitist or Body) accidentally furperadded to another, as its Subject.—Such is Water in a Spunge, or Veffel, and the Soul in the Body. See Substance.

The fecond an Attribute, or Mode, accidentally likewife fuperadded to a Subtlance; whether Body or Spitit.—Such is, Figure in a Body, Knowledge in the Mindt, &c. See Mode.

Menzi.
Some divide Adjuntii into Adjutte; which agree to the whole thing, without any Limitarion: 1 thus, Felficas are agree to the Solider, and the solider in the solider in the solider, and the solider, and agree to their Solider, in religied frome certain Fart there-of: Thus, Man only thinks, confider'd as to his Mind; cap). In Biblick, we utalily rectors force Adjuntii, popularly call'd Cressillances; Sons, quid, alto, quibes durating, exergenche, genuch. See Circular scarce.

quamon, quanao. See CIRCUMSTANCE.

ADJUNCTS, in Rhetorick and Grammar, are certain Words
or Thiogs added to others; to amplify the Difcourse, or
augment its Force. See Amplification, Se.

augment its Force. See Amplification, Se.
Such are Adjectives, Attributes, and Epithets, which are
added to Subitantives, Subjects, Se. to express their Nature, Qualities, Accidents, &c. See Anjactive, Arrainure, Eriruer, &c.

EFITHER, GG.

Arguments drawn from Adjuncts, are Supplements or Infercements of the Proof arising from the Circumstances of the Fact. See Circumstances, 65c.

Adjunct, is also used in Civil Concerns, for a Collegue, 650 hours, 650

or Fellow-Officer, affeciated to another, to affift him in his

Minfilty, to fluere the Fuellions thereof, or even have an Eye on his Adleon. See Contractors.

AD Type Rept, in a Wirt that line for the Kingle Clerk, AD Type Rept, in a Wirt that line for the Kingle Clerk, Contractors, and the Contractors of Contractors of the Contractors of the Contractors of Contractors of the Contractors of Cont

The Term is formetimes also used for an And de Count

See Ain de Camb. See An see camp.

The Word is form'd of the Latin adjutare, to help, affilt.

ADJUTORIUM, in Anatomy, a Bose of the Arm; fu
called, as being useful in lifting it up. See Bone, and

ARM.
ADMEASUREMENT, ADMENSURATIO, a Writ which
lies for the beinging those to Reason, or Mediacity, that
using more than brief Share. See Wastr.
This Writ lies in two Cafes, the cost extremed Admensurament of Desery, Admensuration Destits, where the Widow of
the Decested holds more from the Heir or his Guardim,
on account of the Dower, than of right belongs to her. See

Dow ex.

The other Admensionement of Pasture, Admensionatio Pastures, which lies between these who have common of Pasture appendant to their Freehold, or common by Vicinage, in case any of them surcharge the Common with more Cattle ADMINICLE, ADMINICUE, ADMINICULUM, a Term fied in force antient Statutes, for Aid, Help, or Support.

See Aid. 856.

See Any, 85c. In the Civil Juiffgrudence, Adminisculum fignifies the Beginning of a Proof, an imperfect Proof, a Circumstance or Conjecture, rending to form or fortify a Proof. Among Antiquaries, the Torm Adminiscules is applied to

the Attributes, or Ornaments wherewith Fame is represented on Medals

ADMINISTRATION, the Government, or Direction of Affairs 1 particularly the Exercise of distributive Justice. or Ablits; particularly the Execute of distributive Justice. See Government, and Justice.

Indebter Prince conflict the Administration of publick Affairs to their Ministers. See Ministrate.

Civil Wars are fulfull rais* on Pretence of Male-Administration; or of Ablics committed in the Exercise of Justice. See Wars.

ADMINISTRATION, in Law, fignifies the difposing of a Man's Goods, or Estate, that died intestate, or without any Will a with an Intent to give an Account thereof. See An-

Will 3 with 38 theore to give an Actourse thereon. Oce 114-MINISTRATOR, INTESTATE, &c. Instruments, or Powers of Administration, are taken out Infruments, or Powers of Administration, are taken out in the Perceptive Court. See Parado Azive.
Ansimeration is forectimes also used for the Direction of the Affairs of a Mison, a Pupil, a Lonatick, or the like. See Minor, Pupil, Thyron, 56. See also Guar-

ADMINISTRATION is also used in respect of Ecclesioffical Functions.—The Parson has the Administration of the Sacra-ments in his Parish. See Parson, Parish, &c.—The Ad-ministration of the Sacrament is prohibited to Persons ex-

ministration of the Sectiment is prohibited to Persons ex-communicate. See Excommentation.

In Beneficiary Marcers, they distinguish two Kinds of Administration of Temperature, which relates to the Tempora-tics of a Benefice, Diocele, &c. and Spiritual, to which belong the Power of excommunicating, &c. See Texto-

ADMINISTRATOR, in Law, he to whom the Ordinary commits the Administration of the Goods of a dead Man, in default of an Executor. See Administration, Will, Executor, &c.

An Action lies for or against an Administrator, as for an

Recenter; and he shall be accountable to the Value of the Goods of the Deceased, and no further.——Unless there be Waste or other Abuse chargeable on him.

If the Administrator die, his Executors are not Admini-If the Maningtrator die, his Executors are not Maning-fractor; but the Court is to grant a new Adminifration.— If a Stranger, who is neither Maningfrator por Executor, take the Geods of the Deccased, and administer; he shall be charged and such as an Executor, not as an Administ-

If a Woman have Goods thus committed to her Charge,

If a Woman have Goods thus committed to her charge, or Administration, file is called Administrative.

ADMIRALL, ADMIRALIUS, ADMIRALIUS, a great Officer, who commands the Naval Foeces of a Kingdom or State; and before whom all Caufica are cognizable, relating to the Sea. See NAVY, SEA, &C.

Authors are divided about the Origin and Denomin tion of this important Officer, whom we find effablish'd with some Variation, in most Kingdoms that border on the with fome Variation, in moit Kingdoms that border on the Soa.—Some borrow it from the Greek; the Captain of the Seas, under the Emperors of Conflaminople, being called Americans or Americani, of Associate, Soline 3 or Asias, Salt Water, and arxiv, princept; in regard his jurification also on the Sea, which the Latins call Salom.—But it is to lay on the Scs, which the Latin; call Salon.—But it is to be othered, that this Officer had not the fupreme Admini-firation of Naval Affilirs; that immediately belong it to the Duss Magans, or grand General; to whom the Ameralius was fabordinate, in Quality of Proveement, first Count, or Afficiare. Soc Coness.

Others derive the Name from the Arabic Amir or Emir, Others dealwe the Nume form the Archie fluit or Elluir, Lord y and the Green's son, Hermie van descordingly, we frequently find Entir in Zenarra, Cadraum, Nortest, and other Green's that Time, and in his Season's of the Comment of the Comment of the Comment of more with Admirstan Jerushiam, for the Governor of Jer-ryalisten, under the Soldin of Egyet, And Interce, from will have both the Name and the Dignity of Orienta, and even Screen's ExtraGline 3. In 1886, the are no Indiance of Admirsts in this Part of Europia, before the Your 1884; when Polity of France, who and streamled Be. Least to the when Polity of France, who and streamled Be. Least to the

when result of France, who had attended St. Louis to the Wars against the Seraeum; created an Admiral.

To fay no more, Din Casige affines us, that the Sicilians were the first, and the Genoep the next after 'em, who gave the Denomination Admiral to the Commanders of their News 14 to the News 15 to the N Naval Armaments; and that they took it from the Sarazen or Arabic Amir, a general Name for any commanding Officer.

The first Admiral we read of in our English Affairs, was

uoder Edward I. under Edward I. The Lord High Administration of England, in some antient Records called Captraneau Marinerum, is Judge or President of the Cart of the Cart. See Administration 12 and 1

in any great River, beneath the Bridges thereof next the Antiently, the Admiral had also Jurisdiction in all Causes of Merchants and Mariners; not only on the Sea, but in all foreign Parts.—We have had no High Admiral for some Years the Office heins put in Commission, or under the Years; the Office being put in Commission, or under the Administration of the Lords Commissioners of the Admiralty.

Sec COMMISSION.

ABMITAG Is also used for the Commander in Chief of a fingle Fleet, or Squadron. Sec Fleet.

Thus, we say, the Admirat of the Red; Admirat of the White; and Admirat of the Blue. Sec Squadron, Naves of the State White; and commerce; who can be all Flag-Officers: In which Seefe it includes Vice-Admirals and Rear-Admirals. See Fr. 18-Officer.

CR * NR-Admiral.

**PRACTION OF THE PROPERTY OF

retty in London There are also Admirals of the Galleys. See GALLEY.

Monstreles makes mention of an Admiral of the Archers, er Croft bow Men.

ADMIRAL, is likewife the Name of the principal Veffel of a Fleet, which carries the Admiral on board. See FLEET, NAVY, &c.

the Trite and Quality of Montral, which is reason during the whole filling Section. See Firstman 4. Absurt Astro. 18. American 4. Conf. 18. The Montral 4. Deven Astro. 18. American 4. Conf. 18. High. Montral, 10 which belong the Decision of all Maritime Conververies, Tritals of Maritime tors, and the like. See Councy, and American 4. The Proceedings in this Court, in all Civil Matters, are according to the Civil Law, because the Sea is without the Lithius of the Common Law, and under the Admards 19-Lithius of the Common Law, and under the Admards 19rifdiction. See Civit Law.

In Criminal Affairs, which ordinarily relate to

In Crimical Affeits, which ordinarily relate to Piracy, the Proceedings in this Court were antiently likewife by information and Accastion, according to the CSVI Law 1 but that being found inconvenient, in regard no Perfon could be convicted without either their own Contefficion, or an Eye-witness of the Fact, so that the greatest Offenders often

cheryd with Impunity; there were two Strates made by Barry VIII. endding, That Criminals flowed beneciciri by the bene trade by Wirmstein and a Juny; and this by freath of the control of

ERRON, and USES.

Under this Court is also a Court-Merchant, or Court of Equity; wherein all Differences between Merchants are decided, according to the Rules of the Civil Law. See Merchants CHANT.

Between the Courts of Admiralty and Common Law, there feems to be drouftim imperium; for in the Sea, for far as the Low-Water Mark, is accounted infra corpus cotar as the Low-Water Mark, is accounted rayra corpus co-minatus adjacents; a and the Caufes thence arting are de-terminable by the Common Liws: yet when the Sea is full, the Admiral has Juritdétion there also so long as the Sea flows, over Matters done between the Low-Water Mark and See Common-Lace. ADMIRALTY. Cours of Admiratry, Commissioners of the Admiratry, Sc. Soc Admirat, Admirat's

Among the Hollanders, the Free Admiratties, are so many Chambers, composed of the Deparies of the Nobles, the Provinces, and the Towns; to whom belong the equipping out of Fleets, and the turniffung Provisions for 'cm. ADMIRATION, in Grammar, a Print or Character, in-timating fomething worthy to be admired or wonder'd at.— It is expressed thus (!). See Character.

ADMISSION, Appaissio, in the Ecclefiaftical Law, the Act whereby the Bifthop, upon Examination, admits or allows: Clerk to be able, or competently qualify for the Office; which is done by the Formula Admitto te habilem. See Presentation, Induction, Institution, Se.
ADMITTENDO Clerres, is a Writ granted to him who
hath recover'd his Right of Prefentation against the Bishop

in the Common Pleas. See Patrion.

ADMITTENDO IN Section, is a Writ for the Affociation of certain Persons to Justices of Affine formerly appointed. See Justice, and Assize.

JUSTICE, and ASSIZE.

ADNATA, in Anatomy, a pretty thick white Membrane, investing the Ball of the Eye; called also Conjunctions. See

Tunic, and Conjunctiva. Tenic, and Gospiecetva.

The Admit makes what we commonly call the White of the Egy whence it is also called the Admignate. See Ever. g.C. for the Egy whence it is also called the Admignate. See Ever. g.C. for an artist of Halloophers, to demote the highest of uperlative Degree, because in their way of distinguishing Qualities, they recknord up Degree above the Eighth. See Dranke, Hennous, Quality, Ed.

ADDLISCENCH, Apostersent, the State of Youth;

ADJUENCENCY, ADDUESCENTA, the State of Youth, or that Period of a Perion's Age commencing from his Infracy, and terminating at his full Growth. See Adv.

The State of Assolefores ellafs to long as the Fibres continue to grow, either in Magnitude or Firmness. See FIBRE, NUTRITION, Ec.

NUTRITION, ESC.
It is commonly computed to be between 15 and 15, or even 30 Years of Age 5 tho, in different Confitutions its Terms are very different.—The Romans is dually reckond it from 11 to 25 in Boys; and to 21 in Girk. See Possarve, Esc.—And yet, among their Witters, Juwenis and Adolegent are frequently used indifferently, for any Perkin under 45

The Word is form'd of the Latin sadelesee, I grow.

The Fibres being serived at the degree of Firenness, and
Tenson solitions to sitatin the Parts, no longery field and give
way to the Efforts of the Notritions Matter, to extend 'em: So
de the state of the Notrition Matter, to extend 'em: So that their further Accretion is flopp'd from the very Law of their Nutrition. See SOLID, DRATH, So.

ADONIA, or Aponic Feefs, were antient Feefs, infli-tured in honour of Adonis; and observed with great Solem-

stated in location of America, and the Construction of Constru

centus. See VERSE.

It is usually placed at the End of each Stanza of Supplie Veries; and is so called from Adonis, in whose Praise it was first made. See Sapritic. ADOPTION, Andrerso, an Act by which any one takes snother into his Family, owns him for his Son, and appoints

should little like Family, owes film for his Son, and appearse him his Heir. See Farines, Son, &c.

The Word is derived from adoptary; whence came ado-bare, to make a Knight: whence also Albits adobtini, a a Knight newly made or dubb'd; he who knighted him, being laid in fome Sonfe to adopt him. See Knientra.

The Custom of adopting was very familiar among the prient Romans, who had an express Formula for it.—I'hey rit learnt it from the Greeks, among whem it was called

fifth learn it from the Greeki, almong without about, Pilatains. See Anoprivs. An Adoption was a fort of Imitation of Nature, intended for the Comfort of those who had no Children; Eunachs were not allowed to adopt; as being under an actual Importency of begeining Children. See Eusware. See Eusware. But a with fer a young Man to adopt an older; a Children was it lawful for a young Man to adopt an older; and Children a

because that had been contrary to the Order of Nature: hat it was even requir'd, that the Person who adopted, should be eighteen Years elder than his adoptive Son; that there might at least appear a Probability of his being the natural

Faiher. The Romans had two Forms of Adoption; the one before the Fractor: the other at an Affendity of the Fourier Faith of the Romans of the

The latter manner of Adoption was practic'd, where the Party to be adopted was already free; and was called Advogation. See Additional Advogation.

The Perfon adopted changed all his Names; affuning the Prename, Name, and Simame of the Perfon who adopted him. See Name.

ancy nad likewife their Testamentary Adoptions, wherein Perfoss were adopted by the Last Will of the Deceased a but their were never effected valid, till they had been confirmed by the People. See Tarrament. Of late Years, another Form They had likewife their Testame

of late Years, another Form of Adoption has taken place 3 and this is, by cutting off the Hair of a Perfon, and delivering it to the Father that is to adopt him. See Hark,

and Tonsua E. and I DANGURE.

"Twas this way that Pope John VIII. adopted Bofon King of Artes; which perhaps is the only Instance in Hittery of Adoption in the Order of Ecclefishiks, a Law that professes so imitate Nature, not daring to give Children to those in whom it would be thought a Climic not beget any.

M. Bouffae, in his Noties Theologica, gives us divers modern Forms of Adoption; tome perform'd at Baptim; others by the Sword, E.C. See Bapties.

ADOPTIVE, APOPTIVES, or ADOPTIVES, a Perion s-

dopted by another. See Aportion

The Emperor Adrian preferr'd Adoptive Children to Na-tural ones; by reason we chuse the former, but are obliged to take the latter at random.—Adoptive Children, among to take the latter at random.—Mobitur Children, among the Roman, were on the lame footing with Naturel ones; for which Readon, they were cither to be inflittated Hein, or expertly dishmetted, otherwise the Tellment was mill. M. Mienge has published a Book of Eloges, or Verfes addicted to bling, which he calls Liber Mobitures, an Adortee Book; sed adds it to bis other Works.—Heinflux and Fenfranders of Admitter, have likewit published. Adoptive

ADOPTIVI, or ADOPTIANT, was an antient Seft in Re-ligion; thus called, from the manner wherein they conceived our Saviour to be the Son of God.

our Saysour to be the Sen of God.

They rook their Rife from Felix of Urgel, and Elijeand
of Teledo; the latter of whom writing to the former, for
an Account of his Faith in that Point; was answerd, that
according to the Uls of the Language which obtains in refpect
of Haman Nature, Jefus was not the Natural, but only the
Mospites Gon of God.

Addresse Son of God. M. and ferenath prompted, cound, the Conference of the Conferen

of Respect and Submission.

The Election of Popes is performed two ways, by Advration and by Scrutiny.—In the Election by Advation, the

Cardinals rufh hastily, as if agitated by fome Spirit, and fall without more ado to the Advistion of fome one among them, and proclaim him Pope. See Cardinar, Fore, &c.
In the Election by Scratiny, Advartion is the last thing,
and follows the Election; as in the other it is the Election it felf, or rather faperfedes the Election. See Election, d Senureny.

AD Pondus Omnium, the Weight of the Whole; an Abbreviation among Physicians, Go. fignifying, that the last preferib'd Ingredient is to weigh as much as all the others

Sec Abereviature. AD Qued Dammern, a Writ directed to the Sheriff, commanding him to inquire what hure may befal the King by granting a Fair or Market in any Town, or Place. See

granting a File of Market in any Town, or Flace. See Fant, Manarer, Fant, Market in Ma Perfons may do, See Montma ADRAGANT, or TRAGACANTH, a fort of Gum. Sec.

ADRESS, or ADRESS, a Diffeourfe preferred to the King, in the Name of a confiderable Body of his Penple;

to express, or notify their Sentiments of Joy, Satisfaction, or

the like, on fome extraordinary Occasion.

Thus, we say, the Lords Adress, the Commons Adress.—
Adresses were sight for on foot under the Administration o

Margin were field to on focu woker the Administration of Obert Crassrate.

The Word is French, Margin, found of the Verb Margin from to find critical say things to a Fericas—As Ferrit, there is Critical factorization of the Margin from the Margin from the Critical factorization of Marginian and Marginian from the M

AD Terminum gut preservit, is a Writ of Entry, which lies where a Man, having leafed Lands or Tenements for term of Life, or Years, is, after the Term expired, held from them by the Tenant, or other Stranger who enjoys the fame, and deforeth the Leffor.—The fame Writ allo lies for the Leffor's Heir.

hes for the Letters steer.

ADVANCE-Foffe, or Ditch, is a Ditch of Water round the Esplanade, or Glacis of a Place; to prevent its being furprized by the Besiegers. See Fosse, and Glacis.

furprized by the Beriegers. See Fosse, and Gracis.
ADVANCE-Gust, of Van-Gust, is the first Line or Di-vision of an Army ranged or marching in Battle-array; or that Part which is next the Enemy, or which marches first toward them. See Lines.

first toward them. See Link.
The whole Body of an Army is divided into AdvanceGuard, Arreit-Guard, and Main Body. See Army, 56.
The Word is foneitime sile spilled no a final! Barry of
Horie, as 15 or 20, commanded by a Lieutenzant, beyond
and in fight of, the Main Guard.
ADVANCHIK, among Hunters, is one of the Starts, or
Bunnika of a Bock Anter, between the back Anter and

Branches of a Buck's Atter, between the back Anter and the Falm. See Arrias, Haan, &c. ADVENT, Anvarva, in the Calendar, the Time im-mediately perceeding Christmas; antiently employ'd in pieus Preparation for the Adventus, or coming en, of the Feath of the Nativity. See Naturyury, &c.

fix Weeks mark'd for Advent ; and St. Gregory, in his Sa-

in Weeks mata a nor phoeon y and on correct cramentary, allows five.

The first Week of Advent, in our way of reckoning, is that wherein it begins; but it was antiently otherwise, the Week next Christmas being reputed the first; and the News

meration carried backwards

mention carried backwards. The the meteor Chard during Court Auditory as presided the three Days weeds, a live were affectuaried to find every Days. Whence the Section in frequency calcill in anteen Writers, East, and Tax Courts of Julice were affectuaried to the section of the partial court of Julice were all that—Under King Julice, it was expertly desired, that it is defeaved Domini all of Affile only index: that this was affective when East Julice Weet all the Court of Julice were all that—Under King Julice. The thin was affective Domini and Affile only index: that this was affected Dominion of the Court of Julice with the Court of Jul

This is also one of the Times, from the Beginning where, to the End of the Octaves of the Epighany, the folem-izing of Marriage is forbid, without express Licence. See MARRIAGE; See also ROGATION.

MARRHAGE; lee allo ROGATION.

ADVENTITIOUS, founching accruing, or befalling a Perfon or Thing, from without. See Accessions, &c.

Thus, Adventitions Matter, is fuch Matter as doth not properly belong to any Body, but is cafually joined to it.

See Accessions. Automotion &c.

See Accretion, Anjunctio, &c.

Anyexperious, in the Civil Law, is applied to fuch Goods as full to a Man, either by mere Forune, or by the Liberality of a Stranger, or by Collateral Succession. See

Goods.

The Word is used in opposition to Professitions; by which are fignified such Goods as descend in a direct Line, from Father to Son. See Passecutions. AD Ventrem inspiciendum, in Law. See VENTRE inspi-

ciendo.

ADVENTURE, an extraordinary, and furprising Enterprise, or Accident, either real or fictitious. See FABLE.

Novels, Remances, Ec. are chiefly taken up in relating
the Adventures of Cavaliers, Lovers, Ec. See Novel,
and ROMANCE.

The Word is French, and literally denotes an Event, or

Accident. Company of Merchant ADVENTURERS, was an antient Denomination of the Hamburgh Company. See Hamburgh

ADVERB. ADVERB, ADVERTIMM, in Grammar, a Particle join'd to a Verb, Adjective, or Participle, to explain their manner of acting or fuffering; or to mark fome Greumstance or Quality fignified by them. See Particle, Vers, Sc.

Quality fignified by them. See PARTICIS, VERB, CS.
The Word is formed from the Preposition at, and cerbrass and fignifies literally a Diktion gain'd to a Ferb, to
flow bow, or everb, one shoes, one discare, or differs a As,
the Boy paints neatly, writes ill; the Book is there, &c.
Nor that the Adwar is someting purely to Verba; but
because that is, its most occlusive Me. We frequently find

and the state of the stat becaule that is its most ordinary use.—We requently non it join'd to Adjectives, and dometimes even to Subtinutives, particularly where those Subtinutives fignify an Arribute, or Quality of the Thing Fokus of, or, He is very fick; he acts prudmily; he is truly King. He is very fick; An Advert is likewise join of, sometimes to another Ad-

uerl, to modify its meaning, v.g. very devoutly, &c. Whence fome Grammarians chule rather to call them Modificatives; comprising under this one general Term, both Adverts, Conjunctions, Prepositions, and even Adjectives. See Mo-

DIFICATIVE.

Adverbs are very numerous, but may be reduced under the general Claffes of Adverbs of Time, of Place, of Order, of Quantity, of Quantity, of Manner, of Affirmation, of Deubeng, and of Comparison.

of Donering, and of comparison.

ADVERSARIA, among the Antients, was used for a

Book of Accounts, like our Journal or Day-Book; thus
called, quod adversa parte ctiam scriptis impleretur, be-

called, quasi-social partie strain forper imperetur, oc-canie wrote even on the Backfide. Hence, Adverfaria is immerimes also used among us for a Common place Book. See Common Place. ADVERSARY. See Antagonist, Opponent, Com-

ADVERSANT. See ANTAGORITY, OPPORTURY, Codestry, Diete, Gir.
The Weak is form of the Latin Preposition Absorptis,
gainelt, from ad, and wors, I turn to America,
ADVERSANTIVE, in Communic.—A Deprint, or GoADVERSANTIVE, in Communic.—Deprints non-Differece, or Opposition between what goat before, and what
follows. See Cosynectrons.
Thus, or is an Adversariety, vg. Yes, or no.
ADVERTISEMENT, as I resiligence, or Indicancello,
given to Perform inneredial is an Addition.

The Word is form'd of the French Avertiffement, from

The Word is formed of the French Averigeness, trom the Lain Advancers, to advert, confider, regard, ADULT, ADVLIVES, one who is come to Years of Differential piles is entered upon Manhood, or the Age of Adole lefeence; and is old and big enough to have Understanding, and Differentiant. See Aox.

The Word is formed from the Participle of the Verb ado-

lefte, I grow up. See Adolescence.

The Analyspitis confer the Sacrament of Baptism upon

The Anaboptitis confect to Assacrament of Baptin upon one but Adults. See Bartins, and ManaPartstr.

There is a notable Difference between the Proportions of Infants and Adults:—A Min, M. Dodart observes, found Ble a Fectus, would be a Moofler, and would leave be achieved by the Conference of the Co

ADULTERATION, ADULTERATIO, the Aft of deba-fing a Medicine or other thing, with bad Ingredients; or the patting one thing fue, and into another. See Sophistica-

To adultorate the current Coin, is a Capital Crime in all Nations. See Money, and Coin.

The Word is Latin; form'd of the Verb Adulterare, to corrupt by mingling formething foreign to any Substance.

ADULTERINE, in the Civil Law, a Child iffined from an adulterous Amoor, or Commerce. See Apperrany
Adulterine Children are more odious than the illegis mate

Offspring of fingle Perfors,—The Reman Law even princes em the Title of Natural Children; as if Nature ditown'd n. See Bastard.
ADULTERY, Adulterium, in our antient Law Books

ADULTIMA, ADULTERIUS, IN OUR SHIPE LEW DOUGE Call'd ADVONARY, a Crime committed by married Per-fone, against the Faith pledged to each other in Marriago 3 by having crual Commerce with fome other: or even by a Person nor married; by having to do with another that is See Fornicayuns, Marriago, 65c.

The squines Romerch and no formed Law against Adulte-

The antient Rossess had no formal Law against Adultery; but both Acculation and Pauliment were arbitrary—The Emperor Angultus was the first who brought them into a Law; which he had the Misforance to be executed in the Perions of his own Children.—This was the Julian

But, the this Law left the Accusation of Adultery open But, the this Law left the Accalation of Manifery open to every body, yet 'its certain, Adultery' has been always look'd upon as a private and domediick Crime, rather than a publick one; for that Strangers were feldom fuffed to profecute, of pecially where the Marriage was peaceable, and

protected, especially where the analysis of the Husband made no Complaint.

Some of the fueceeding Emperors abrogated this Law, which left the Acculation of Adultry open to Strangers a which left the Acculation of Adultry open to Strangers. in regard fuch an Acculation could not be enter'd, without ferting the Husband and Wife at Variance, throwing the terring the Hassana and wite at variance, inflowing the Children into a State of Uncertainty, and bringing Contempt and Derifion upon the Husband; for as the Husband is the nearlieft interested in the Matter, 'its supposed he will exa-mine the Wife's Actions with more Circumi, ection than any other: So that where he is filent, 'ris not fair any body elfe

onther, Se that othere is a filter, "the sea the may body eifflowed fpask for him. See Access varies are made the
Harband both Jahm. See Access varies in his own Carley.
For this reside, the Law, in time Calcy, has much obHarband both Jahme J

intermeddie, excepting where the Scandal is retyr notorious.

Even the King's Advocates, Attorney, or the like, may not intermeddle

Add, that the the Husband who violates the Conjugal Bond be guilty of Adultry as well as the Wife y yet is not the Wife allow'd tu accuse, or profecute him for the fame.

nor the wire a low at a accuse, or protected him for the Lame.

See Wire, Historian, 35.

Secrete clates, L. V. c. 8. that under the Emperor Theodogius, in the Year 180, Women convicted of Adultery were panished by a publick Confupration.

Jeaning until 4 the Adulters as a Particle.—The Logistic tore out his Eyes; and most of the Oriental part.

nith him very feverely. The Saxons formerly burnt the Adultores, and over her

Aftics ereled a Gibbet, whereon the Adulterer was hang'd.

—In England, King Edmond punish'd Adultery as Homicide; but Canutus ordained the Man to be banish'd, and the Woman to have her Nose and Ears out off. - Qui unoratus factet Adulterium, babet Rev ved dominus fuperio-rem , Epifeopus inferiorem. L. Hen, l. c. vs. De Adul-terio per totam Chent. babet Rev bominem, Epifeopus mulie-Domefday, tit. Ceffre Civit.

In Spain, they punish'd Adultery by entting off that Part which had been the Instrument of the Crime.—In Poland, before Christianity was establish'd, they punish'd Adultery and Fornication in a very particular manner: The Grimmal they carried into the Market-Place, and there failen'd him they carried line the Markov Pace, and there filtered line by the Teitliche with a Nill, laying a Razer within his rich, and leaving him under a Necetity, either of doing Justice upon hindley or of perifling in that Condrion. At prefent, the Laws are much more favourable: a — To Diverce, and third he Adultered to the Dower, is all the Pauliflument among us: In the Resulf Countries, they also find that you go be supported by the Countries, they also find that you go be supported by the countries of the Countries

tarch. See Concuring According to fome of the Papal Decisions, Adultery ten-

ders Marriage between the two Criminals unlawful; this making what the Schools call Impedimentum Criminis.

making what the Schools call Inspectments of violatis, The Greek, and other Christians throughout the Eafl, adhere to the Opinion that Adultery difficires the Band of Marriage: So that the Hashand, without more ado, may marry arother—The Council of Vivat condemns that Opinion; and even in form enafure anathematics thee the hold it, Seff. XXIV. Can. 7.

Anurray is allo add by fone fasciful Aftreomers and Antrologies, for an Keltiful of the Sun, or Moon 3 supervise, and Antrologies, for an Keltiful of the Sun, or Moon 3 supervise, and Moon be dimentically epiphin, yet they appear as if above the Horizon, by reason of the Refraiston. See Keurse, and Moon be dimentically epiphin, yet they appear as if above the Horizon, by reason of the Refraiston. See Keurse, and Moon bed and the Moon of the Research, a Feed for Bill it is the Law, and who undersor the Defence of Canifa as the Bare. See Law was also also the Bare of the Research of th

my aid, or defence.
The Roman Advocates answer'd to one Fart of the Office The Roman Advocates sulvered to one Fart of the Onter of a Lawyer among us, wite. He Finding Farty, for as to the giving Countel, they never modified with it is that the given the Baffield of the Juris-conflaint, See Jean towns are Trefeding of an Advocates in great homour, and the Sease of their Bar were croaded with Senates and Conflaint they, whose Voices commanded the Propos, thinking it is an Ho-

whole Voices commanded the reopie, tanking it an ino-nour to be employ di in defending them.

They were liyled Countes, Hoomatt, Clariffini, and even Patroni; as if their Clients were not less oblig do them, than Freedmen to their Matters. See Patrons, and Grinnt. But the Bay was not then venal.—Thole who affired to

But the Bar was not then went—Thole who affred to Hencoar and Offices, onch this way of gaining a lincerid in the Reopic, and always pleaded greits.

But no fonce was Laway and Correption brought into Bar no fonce was Laway and Correption brought into Bar no fonce was Laway and Correption brought into Bar no fonce was Laway and Laway and Relepance were fold on the highest Bard deter—To pur a Step to this Abule, the Tribute Cinquis pround a Lawa to be plated, called from him, Let Cinquis where the Advantate were forbid to take any Money of their Gienna—Phal. Brommers has published an ample

their Client.—Prod. Brummerst has published an ample Comment upon his Law.

It had before been prohibited the Advances to take any Perchans of Cravitation for their Peckaling—The Emperor Angulus sadded a Renalty to it; norwinflunding which, then Advances playd their Pares to well, that the Emperor Claudient thought he did a great thing, when he obliged 'emnot to take above eight great Sefferces, which are equiva-

lent to 35 Pounds Steriing, for pleading each Caufe.

Anyocare is itill used in Countries where the Civil
Law obtains, for those who plead and defend the Causes of

Law obstants, for frole who plead and dethoin in Causes or forms resulted to them. See Civil and the Advances, for the Company of the Company of the Company of the picture of the Company of the Company of the picture of the Company of the Company of the See Thomas of the Company of the Company of the See Thomas of Company of the Company of the Obstance of the Company one are to be aimed or disray Lords of Seiflon, except these who have been debread carries, or principal Civil see Seiflon for five Yeary, Grant Company of the Company of Company of

dinary Lottes or Settion for five Years, &c.

In Doctors Commons, the Advocates are usually called Perfetor, or Promatori. See Proceron, and Theocomatorial New Tenace, they have two Kinds of Advocates, via. Pleating Advocates, Avocats Pheiantmy, and Compile Advocates, Avocats Chaintmy and Compile Advocates, and the see found with a View to the two

Amount Couplibration.
This Dilinicibron was form'd with a View to the two Brenches among the Romens, Advancti, and Tayligophini.
This Dilinicibron was form'd with a first product of the first product of the first product of the first the Ber, they quit so bufy a Province, and become as it were Chember Council.

They have also their Advocato General, and King's Ad-Avocat du Roy.

They have also their delected tolletels, and King's Ad-Land Articockys, in Resistant, in one of the Officers of State, whole Butlinels is to give this Idvice about the mathematic and executing of Lowers to defined the King's Right, and according of Lowers to earlier the King's Right, at Li Climos before the Platticianty, and content in all Particia before Soverage Course for Benches of the Peace, and at Li Climos before the Platticianty, and content in all Particia before Soverage Course for Benches of the Peace, and at the Course of the Cour

-They are ten in number.

ADVOCATE of a City, or Town, is a Magistrate established in several Places of Germany, for the Administration of ed in ieveral Places of Germany, for the Administration of Justice in that City, in the Emperor's Name. See Answews., Answerse of a Church, or Pecchifaflical Answerse, Person to whom it antiently belong'd, to defend the Rights and Interests of a Church, both in a Legal and a Military Capacity; more usually called Advence, or Avences.

The Word Advocates or Advocace is fill retained, for what we usually call the Patron, or he who has the Advocace, eight of Preferentiation in his own Name. See Payron, Advocace, Franciston, G. Ton Monatteries had all their Advocace, or Advocace.

See Monastery, &c.
ADVOCATIONE Decimarum, a Writ which lies for

ADVOCATIONE Decimeron, a wire white lies see the Caim of the fourth Part, or upward, of the Tithes that belong to any Church. See Titrie.

ADVOW, or Avow, Moveare, in Law, to jultify or maintain an Act formerly done.

Thus, if one take a Differed for Rent, or other thing, and

Thus, if one take a Differe for Rent, or other thing, and be that is diffired for a Repeiro the Different, pilling (Sing or minusion) the Ad, is fidd to row. So: Dis-marked the Advanced Comparison of the Comparison of the Different on the Different to Highling, L. IV. c. s. S. And in Section of the Advanced to Highling, L. IV. c. s. S. And in Section of the Comparison of the Comparison of the Different control of the Comparison of the Comparison of the Condo were bought by one, and field to enother, it was live-ful for the right Owner to take them whetever they were been approximated to the Comparison of the Comparison of the bound Advanced, i. e. to produce the Solite to pullify the

found i and he in whofe Foffettion they were found, was bound, Admoser, i.e. to produce the Seller to jutify the Sale, and fo on till they found the Thief. Afterwards, the Term was applied to any thing which a Man acknowledgd to be his own, or done by him; in which Senfe, it is menioned in First, I. I. pars A Seri-iption in down fan filpeleprit, natrierit E advocavent file.

sum frime.

ADVOWEE, or Avowee, or Avocate of a Church, was hectofee the Patron, or Defender of the Rights thereof. See Avocate, Paranon, &c.

The Word is French, Advant, or Avone, of the Verb
Avoner, to avow, own, acknowledge Dependence, Subjection, &c.—Whence also Advangen. See Avow, and An-

rowson.

vowion. There were also Advances for Cathedrals, Abbies, Mo-nasteries, &c.—Thus, Charlemaign had the Title of Advances of St. Peter's, King Hugh, of St. Rejusier, and Bellandus mentions some Letters of Pope Nicholas, by which he con-fitured King Edward the Confesion, and his Succession, Advances of the Monthlery at Wellmingter, and of all the Churches in England.

Thefe Advances were the Guardians, Protectors, and, as it were, Administrators of the temporal Concerns of the Churches, &c. and under their Authority, were passed all

Constitute with critical directs. See Contacts, Marchael Control with Control with

had all the fame Functions with Advotives. See Consen-VATOR.

There were also fometimes several Sub-Advotuces, or Sub-

Advocates in each Monaftery, who officiated inftead of the Advocates themselves; which, however, proved the Ruin of Monafteries; those inferior Officers running into great Abofes.

Abules.

Hence, Husbands, Tutors, and every Person in general, who took upon him the Defence of another, were also called Adventures, or Adventure. Hence several Cities, also, bad their Adventures; which were established long after the Ecclessifical ones, and doubteds from their Example.—Thus, we read in History of the Adventure of Angelburg, of American

we read in Filtery of the American Advences a reference of the Vidames affurned the Quality of Advences a and hence it is, that foveral Hillorians of the VIIIth Century, confound the two Fanctions together. See VIDAME.

And hence also it is, that feveral Scenlar Lords in Ger-many bear Mittes for their Crofts; as having antiently been Advocates of the great Churches. See Mitter, and

CREST.

Spelman diffinguishes two Kinds of Ecclefisfical Advances:—The one, of Caules, or Proceeds. Advances Conforms: the other, of Territory, or Lands, Advances Soli.

The former were nominated by the King, and were usually Lawyers, who undertook to plead the Causes of the The other,

which fill fubfift, and are fometimes called

The other, which fill fishful, and are functiones called by their primitive Name, Advancer, the more admity Dervau, were heredistry as being the Founders and Endow-nor of Caurche, E.G. or other Hirt., See Parsons, the contract of the Con

In a Stat, as Edw. III. we meet with Advower Para-mount, for the Higheft Patron; that is, the King. See Pa-

RAMOUNT.

RAMOUNT.

There were alfo Adverges of Countries, and Provinces.

—In a Charter of the Year 1187, Bertheld Duke of Zeringben, is called Adverge of Phrang 1, and in the Notite of
the Belgie Churches, published by Affrens, the Count of
Lowsten is filled Count and Adverge of Brabant.

—In the
Kith and Kith Centuries, we also meer with the Ad-

Nith and Mitth Centuries, we also meer with the Advewer of Alliati, as of Matths, as, as we were of Alliati, as of Matths, as the Recovery of Graphine from the Streams, it being propied to cited a King theore), the Billion pleaded, both delere like deep the Billion pleaded, both delere like delete as the Matthews of the Matthews of

Advoces of the Hoy Spindors.

APOWSON, or Arrowers, Alexanir, Alexanir,
APOWSON, or Arrowers, Alexanir, Alexanir,
Arrowson, Arrowson, and Arrowson, Arrowson,
Arrowson, Arrowson, and Arrowson,
Arrowson, Arrowson, Arrowson,
In this Senf, the Word Improving Alexanir,
In this Senf, the Word Improving, Alexanir,
In the Committee of the Word Improving Alexanir,
In the Sending A. Alexanir Improve a Billing, Danis
In the Sending A. Alfrespolis in Word as Billing, Danis

counter. See Advocatie, Mr.
In the general, an Advocatie is where a Bifhop, Dean,
or Chapter, and their Seccetifiers, or any Lay Patron, have a
Right to prefent whom they pleafe to any fpiritual Benefice,
when it becomes void. See Vecancy and Bannier. He.
This Advocation is of two Kinds.—Advocation in graft, that is, not immediately refirained, or adhering to any Ma-nor, as Parcel thereof.

that is, not immediately retinated, or salauring to any name, a Purch thereon.

And Admosphe asymmetric which depends on Minor, as many before the first of the salauring to make the purchase when the purchase of the forms of the fig. 6 to the who founded any Religious the Parton Abd, that as the Bailden and Endowers of a Cunch were the Purchase of the for the other purchase of the purchase of the Parton Abd, that as the Bailden and Endowers of the Sonichines the Parton had the feel Noministian of the Sonichines the Parton had the feel Noministian of the Perica, Abdor, of Price 4 other by Iwasitians, of a Purchase March 19 for the distribution of the Disconsistent of the Parton and the Perion cletted was confirm'd by him.

If the Founder's Family was extinct, the Patronige of the Convent went to the Lord of the Manor. ADVOWTRY. See ADULTERV.

ADUST, ADUST, America, is applied, among Phylicians, &c. to fuch Humours, as by long Heat become of a hot and fiery Nature. See Humours.
Such is Choler Supposed to be.—Mclancholy is usually considered as black and adust Bile. See Choler, Melancholy.

confider of as Dank and control, the control of control, gld.

Adult Bood, fay Blanchard, is, when by reason of extraordinary Heat, its more fabrile Parts are all evaporated, leaving the geoffer, with all the Impartites therein, half for-rifly, at I were. See Baoon.

The Word is form d of the Latin solaro, I barm.

The Word is form d of the Latin solaro, I barm.

ADYTUM, Advers, a fecret or retir'd Place in the Pagan ADTION, ASPIR, a scree or central fasce in the tagen Temple, where Oracles were given, and into which book but the Pricits were admitted. See Tramer, Oracle, &c. AE, or R, a Dipthong, or double Vowel, borrow'd from the Greeks and Latins. See Dirricono. Authors set by no menin sgreed as to the Ufe of the e-shone, out of trigord to blymology, infit on its belon e-shone, part of trigord to blymology, infit on its belon from the West property by the property of the third is no proper. Dy-though them, from a Confidencian that it is no proper. Dy-though them, from a Confidencian ought to be entirely disked, except in West which resin that Letter and cross term in every time of second that can their Letter and cross term in every time of second con-trollers and the second control of the control of we must be constructed to fleet a kind of middle, or missred Confise conforming our offerers to Coloma annuly at sure No.

Courfe; conforming our folves to Cufforn as nearly as may be.

Such Articles, therefore, as are omitted under Æ, the

Reader will find under E.

"Description of the control of the c Torque, redded the Hebrew Name Ph'N wrote in the crewe Torque, redded the Hebrew Name Ph'N Well Regde gelatit, q. d. Chief of the Coptions, by a Greek Name of the like import, drymaterwrye, farm'd from drymaterus, of dayes, a Teint or Pilk, and ergs, Command. However, the freue must have had Officers of this kind hefer the Bern from Redden William of the William of

However, the Jews must have bad Officers of this kind before the Return from Balybin: Winter the Hiftery of Soffonab; the two Elders who condemnd her, being Kebs malkarather that Face.—The Fyeriff Writers affect us, that the Kebmalitarather were only to be cholen out of the Tribb of Stadels.

EDES, in Antiquity, an inferior kind of Temple, diltinguished by this, that it was not confecrated by the August.

Sce Temple, Augun, Sc.

See TEMPLE, ABOUR, DE.
Such was the AFFATHM, or Treasury; called Edes Saturati.
See Errain.
RDILLS, Education, analogainy. See Education.
REGILOPS, a Tumor, or rather Ulcer, in the great Canthus or Angle of the Eye, by the Root of the Nofe; cither with or without an Inflammation. See Eve, Tumor, and ULCER. The Word, in its original Greek, dysawl, fignifies a Goat's fee; in regard, Goats are supposed extremely liable to

Eye; in regard this Diftemper.

this Dilliemper.

If the Agiloty he negleded, it burths, and degenerates in
to a Filhula, which cars into the Bone. See Fisturia.

Authors frequently the Agilotys, Auchlophy, and Filhula

Lackrymadit promitewoully: But the more accurate, siter

Agilotta, make a difference—The Tumor, et of becomes

ulcross, is proposly called Auchlops; and after it bus ren
der'd the O'H Lachrymadic across, Fiflad Lackrymadis. See He and the state of the Abundance of Blood, which the too

ing represented with the Herns, Legs, Feet, &c. of that Animal.

The Antients also gave the Name Egipsus to a fert of Montiers mention'd by Plins, Salumi, and Pour. Mola. L. L. e. 8.—Salumfui, in his Notes on Solumi, takes Egipsus to have fignified the same in Lybia with Sylvenus

for to have aguined the tame in Lybiz with sylpansa among the Robasin. See STVA flews, that the Rights Pollins rejects the Opinion, and them, that the Rights that no Faces like Men, as the Sylvans had; but like Geats, In effect, the whole upper Farr of the Body refer-bled that Animal; and as to the lower, they pained it with the Company of the Company of the Company of the Rights, by Antiquatics called Coprisons is appears to be Angular, by Antiquatics called Coprisons in appears to

Angulus, by Antiquaries called Capricorum; appears to be true Expired from its data. Hue or Colour, which results the five the fi

to a Conflitence.

The Preferrption is Mefue's.—It is chiefly afed for eating off rotten Fielfs, and cleanfing foul Ulcers a particularity Veneral ones in the Throat, 4%. It also definely stude cancerous exceloses in the Throat, 4%. It also definely stude cancerous Eroficias apt to grow in Childrens Mouths.

ENICMA. See Enumer.

EOLIC, or EOLIAN, in Grammar, the Name of one of the five Dialects of the Greek Tongue, See Greek,

and DIALECY.

It was first used in Bestia, whence it past'd into Estia, and was that which Sappto and Alexus wrote in.

The Esta Dialoct throws out all the sharp, harsh Ac-

The ESSE Dision throws out all the first, harth Actually and the property of t

This Instrument, Des Carres and others have made use of, to account for the natural Cause and Generation of Wind. —And hence its Name, Estipila, q. d. pila Esti, Estus's Ball; Estas being reputed the God of the Winds. See

Gon. Sometimes the Neck is made to frew into the Ball, which is the melt commodious way, because then the Carlyin may the more readily be filled with Water: If there be no Screw, it may be fill'd thus.—Heat the Ball red box, and throw it into a Veffil of Water; the Water will run in at a final Hole, and fill about two thirds of the Carting the Ball red box.

If, after this, the Æolipile be laid on, or before, the Fire ; fo that the Water and Vesfel become very much heated; the Water being rarified into a kind of momentary Air, will be forced out with very great Noise and Violence; but it will be by Fits, and not with a constant and uniform Blaft.

Biati.
Thefe Phenomena, the Reader will be cafily enabled to folve, from what is fluwn under the Articles, Air, WATER, RARRIACTION, Ec.
The Air or Vapour iffoling out of the Zeoliyile, is found The Air or Vapour iffoling out of the Zeoliyile, is found.

The MARIAN TO COMPANY OF THE STATE OF THE ST

Frumper, Horn, or other foncrous Infrument were fitted to its Neck, it might be made to yield Mufick. 3°, If the in Neck, it might be made to yeed numek. §, If the Nock were turn'd perpendicularly upwards, and prolonged by a Tube or hellow Cylinder fitted to it, and a hollow Ball laid on the Orifice of the Tube 3 the Ball would be blown up, and kept finchasting or playing up and down: As in the Stream of a Fountain. See Fountain.—And, 5°, it for the turn of the Stream of the might ferve to fcent, or perfume a Room, if fill'd with per-

inflead of common Air. fum'd, inflead of common Air.

ÆON, Eon, Awe, q. d. Age; literally fignifies the Duration of a thing. See Acz, and Duration.

But fome antient Hereticks have affix'd another Idea to

But some antient Herctick's have aims a another Idea to it; in order to which, they have made use of the Philofo-phy of Phato: giving Reality to the Ideas, which that Phi-lotopher had imagind in God; and even perfonliging them, and feigining them diffined from God, and to have been produced by him, fome Male, others Female. See IDEA, and PLATONISM.

Their Ideas they call Zeas; of an Affemblage whereof they compos'd the Deity, calling it majassa, a Greek Word,

fignifying Fulness. Magus is faid to have been the first Inventor of thefe Zons; which were afterwards brought to Perfection by Valeutrus, who acknowledg'd thirty of 'em. See Gnos-VALENTINIANS, SC.

EQUAL. QUALITY.

by Valentinus, who acks
Tics, Valentinans,
EQUAL
EQUATITY.
EQUATION.
EQUATON.
EQUINOCTIAL.
EQUINOCTIAL.
EQUIVOLENT.
EQUIVOCAL. EQUATION. EQUATOR. Sec EQUINOX. EQUINOCTIAL. EQUIPOLIENT. EQUIVALENT.
EQUIVOCAL.
EQUIVOCAL.
EQUIVOCATION, &c.
ERA, in Matters of Chronology, fignifies the fame with
Equivocation, &c.
Example of Time, determined at Plealare, whence to begin the Computation of the Years elap-

fed fince. See Eroch A

The generality of Writers agree, that the ZPC was disgreen to the state of the st

The Origin of the Wore II numerous.

The Origin of the Wore II numerous region and Leading, the Word After is plural, the property of the Control of a Book of Accounts, or a Merchant's Journal.

Dohen, accounting to the firm Anthon, are of opinion, that After was said intend of Here, for Horne, Matter, Onders, account or III of the Control of the Co

The Temple of Saturn at Rome, being the great Trea-fury of the State, was first called Erarium; from Ess. Eris, Brass; that being the only Money in alle before the

Æris, Brais ; that being the only knoney in the better the Venor of Rome 48; Fluvy, L. III. c. 52,—See Monstry. The Ærarium Militare was a Fand of Money, definid for the Maintenance of feveral Companies of Soldiers, to be in readinels for the better Deference of the City.—It was first creeked under Aggallus, and maintained by a yearly volumtary Contribution; but that proving infufficient, the rwen-tieth Part of all Legacies and Inheritances, except of fuch as fell to the pext of kin or the Poor, were confign'd to this

Treafury.

Ireatury.

For the Cathody hereof, three of his Lifeguard were conflicted Prefettl Zerari. See Pragracros.

ARRAIA, ARLANGE, Meching that confilis of Alt, or has a relation or refemblance to Air. See Alta.

The Effect, the most refined and rational Sect among the Years, held that the human Soul condited of an Air-ried Matter. See Eastwi.

Frat Matter. See Essent.

Angels or Spisits, whether Good or Evil, faid femetimes to appear, are fuppefed to silfame an aerial Body, in order to come fontiby. See Asons.

Feptylyry and Jambhiess admit a fort of Demons or Zerplyry and Jambhiess admit a fort of Demons or aerial Spirits, to which they give various Namea. See Disson, Ganviet, &c.

The Roficrucians, and other Visionaries, fill the Atmo-fiphere with aerial inhabitants. See Rosserucian, Sylpes,

GRANE, BY.

GRANE, BY.

ARRIAL Per/pedice, is that which represents Bodies weaken'd and, diminish'd, in proportion to their distance from the Five. See Praysecrive. Aerial Perfectives, has chiefly to do with the Colours of Objects, whose force and luttre it takes off more or lefs, to make 'cm appear as if more or lefs remote. See Co-

LOUR, and CLAIR-OBSCURE. EDUR, 380 U.P.AIR-OBSCURE.
It is founded on this, that the longer Column of Air an
Object is feen thre'; the weaker do the vifual Rays emitted from it affect the Eye. See Vision.
AFRIANS, Arranni, hardquiry, a Sect in Religion,
denominated from Aerius; a Perion alive in the Time of
See Windshows.

Acrians had much the fame Sentiments, in respect of

The Aerant had much the tame sentiments, in religible the Tricity, as the Arizots, betick which, they had fonce Dogmas of their own, and particularly this: That there is no difference between Priedit and Biftops; but that the Priedithoud and Epifopset are abbligately one and the fame Order, or Dignity: An Opinion fince firemoutly aftered by

from the Prebyrers or Pricits.

S. Ejishamis, Her. 71. Anada up briftly for the Superiority of Bithops, against the Arrival.—The Word Prebyrg in 6t. Publ., he otherwa formation of the Ecolomists of the Pace: And in 6tch an Affanbly had Timerby been calided. See Passey-Ray.

AEROMANCY, ALROMANYJA, a Kind of Divination, performed by means of the Alt. See Divinaxion, and

The Word is compounded of the Greek esq, Air, and ματτάς, Distinction. See Hydromanet.

AEROMETRY, AEROMETRIA, the Art of measuring the Air, its Powers and Properties. See Arg.

Acrometry

Aerometry includes the Laws of the Motion, Gravita-tion, Preffion, Elafficity, Rarefaction, Condensation, &c. of that Fluid. See Elasticity, Ramepaction, Ea.

The Word Aerometry is but little used: In lieu hereof, we commonly call this Branch of Philosophy, Pneumatici.

se commonly sail that Benach of Philosophy, Transmattic.

C. Pipfon, Profeste of Mathematicks at Idea, having
C. Pipfon, Profeste of Mathematicks at Idea, having
C. Pipfon, Profeste of Mathematicks at Idea, Investigation
From the Professe of Prof

ESTIMATIO Crititi, in our nation Law-Blook. See Waxa, Waratton, Wax stull, 15t.

King, Arbillian, in a great Allemby beld at Exeter, doc.

King, Arbillian, in a great Allemby beld at Exeter, doc.

King, Arbillian, in a great Allemby beld at Exeter, doc.

King, Arbillian, in a great Allemby beld at Exeter and the Conference of the Conference of the Conference of the Conference of the King's Head to be their dogrees at the Efficient on the King's Head to be their dogrees, and the Efficient of the King's Head to be their dogrees, or Strapa, or Prince, and Thace, and the Conference of the first dogrees of the Conference of the first dogrees.

ASTIVAL, or ESTIVAL, of or belonging to Summer. See Summer Thus, we fay, the Aftival Solftice, &c. in opposition to

See Solstice ESTUARY, ESTUARIUM, in Geography, an Arm of the Sea; reneing up a good way into the Land. See Sea. Such is Briffel Channel, many of the Firths of Sow-

lènd, Sec. Azerax, is fometimes alfo ufed in Pharmacy, for a Va-Farcax, is fometimes afformed by Arous, and Bayn. ES Ufun, called aio Creav Veneris, a Chymical Pro-paration, made of Copper cut into thin Plates, put into a Coretibe with Sulphur and Sair, lifetum player flarams, and the deal of the Sec. Sec. 1997. The Sec. Sec. Sec. 1997.

thus fet in a hot Charcoat FIFE, thit the suppose to Commend. See Concers, Corpers, VENUS, Ed.

It is very deterfive; and is used for cating off dead Fleth. They who make this us for it, are to heat it red bot in the Fire nine times; and quench it as often in Linfeed Oil. See

ÆTHER, is usually understood of a thin, subtile Matter,

ETHER, is usually uncerticed of a fun, unrue passer, or Medium, much finer and rater than Air, which commencing from the Limits of our Atmosphere, policific the whole hexently Space. See Haves, Worsten, 15t.

The Word is Greek, edit, supposed to be found from the Verb shap, to warm, to feasing thome of the Antients, particularly Antanageras, supposing it of the Nature of Fire.

The Philosophers cannot conceive that the largest Part of the Creation should be perfectly void; and therefore fill it with a Species of Matter under the Denomination of Æther.

But they vary extremely as to the Nature and Characters of this Æther.

of this Æiber.

Some conscire it as a Body für generit, appointed only
to fill up the Vacinisis between the heavenly Bodies; and
threefter confided to the Regions above our Mindiphere,
therefore confided to the Regions above our Mindiphere,
to pervasite the filt; and other bull presenting a Niture, as
to pervasite the filt; and other bull presenting a Niture, as
to pervasite the filt; and other bull present the Estiments of any
fact periods. Matter; and think the fair it full, by that timmodel? Tensity and Espansion it is found capable of, may
fall to filt that the interfelliar Spaces, and be the only
late it is the state of the state of the state of the state
and the state of the st

some two that the merchain Spaces, and be the only let either fine in the fine field, Elefa being an Oblight of our Sonle, but the more Work of invasitation, brought only upon the Stage end of insignation, brought only upon the Stage end of insignation, Jaulier et the Lelbary to model; to how they picalis—Some fuppole it of an cienceary National Control of the Con

The Letth Method period that a constraint of which a value of ideas, and arbitrarily applied to fo many different things a the later and severer Philosophers chuse to fer it aside: and in lieu thereof, subfiltute other more determinate ones.

Thui, the Carriffinia use the Term Materia Subritis; which is their Æther: And Sir I. Norton, functioner, Scholler Sprint, as the Color of his Pransiple; and for the Color of his Pransiple; and form times a Subrite or Æthered Madeime; as in his Optick.

The Thut his, there are shandless of Condifications. The Three the Extellects of form Mater in the Art, much fairer these the Extellects of form Mater in the Art, much fairer the main behind Thee is an unknown of the Condition o away is a sprears from certain Effects which we fee produced in Petanov—Heats, Sir I. Newton observes, in communicated throw a Vacuum, simed as readily, as thro Air Bar fish Communication cannot be without frome interpretary day, to sell as a Medlum. And fach Body matt be fubrille conceigh to penetrate the Petars of Ginis; and may be very well concluded to permeate these of all other Bodies; and official confidence of the Heat of Space: Which conceignation the difficient throw all the Parts of Space: Which conceignantly the Might Space in Which Consideration of the Parts of Space: Which consideration is the Parts of Spa fused thro' all the Parts of Space : Which

confequently be diffused that all the Parts of Space. Which anders to the full Charalter of an Africe. Soc Harx. The Reitlence of fach Athereal Medlum being ferted; that Ashber proceeds to in Properties, inferring in the new that Ashber process to in Properties, inferring in the new clatter, and editor. In Vira. the transcriping more clatter, and editor. In Vira. the transcriping was be produced by it.—To the Weight, r., g. of this Medium, be arribusted Strutistics, or the Weight of all other Do-e arribusted Strutistics, or the Weight of all other Do-te arribusted Strutistics, or the Weight of all other Do-te arribusted Strutistics, or the Weight of all other Do-te of the African Strutistics of the Weight of the African and of nervous Fiber, and the Light, as at 16, Sentine, or too, and other Phenomena of Light; as at 16, Sentine, or aus a set to ite Elathiery, the clattlef. Force of the Air, and of services Wise, and the Elmilian, Refrishion, Refrishion, Merican and General Refrishion, Articles, Majedari Modens, Gr.—In fine, this flutte Matter Genns the Primman Adoles, Gr.—In fine, this flutte Matter Genns the Primman Adoles, the first Survices of Springer of physical Activations, and the Company of the Com

regard the Refutance of Bodies is enterly as their Lennity; for that if the Heavens were thus adequately filled with Medium or Marter how fattlie foever, they would reful the Motion of the Placets and Comets much more than Quickfilver, or Gold. See Resistance, Vacuum, Flanker,

strve, or Gold. See RESPACE, VALUE, OCCURITY, SECULAR SECULARY, SECULAR SECULA Twas a Point controverted among em, Whether or no en Astronom Matter had the Property of Gravity?

the Etheral Matter bad the Property of Gravity I Many jate Thilosphers, not only at home but abond, con-cond for its Gravity, and even for its being the Coule of the Gravity, and even for its being the Coule of the Gravity of the Country of the Country of the did do not elected by any inherent Principle, as the Impalie or Traino of fomething external 'which can be only give Arbor, in regard they fill in Paesa a readily, any more for than in open Air is From the fance Principle any more for than the Country of the Country of the Arbor. See Martine, doi: 10. Lexits. Philosphy. For. Arbor. See Martine, doi: 10. Ather. Sec Medium.

Atter. See Medium.

Etheracal Oil, is a fine, fabilic Oil, approaching nearly to the Nature of a Spirit. See Oil.

Thus, the pure Liquer ring next after the Spirit, in the Diffillation of Turpentine, is called the Athereal Oil of Turpentine.

SCC TUBPENTINE.

Dimunicado a supparamenta de la considera de la considera del conservacione del cons

AETIANS, AETIANI, in Antiquity, a Sect or Branch of Ariani, the Disciples of Actions of Antioch, firmanned the

Implient; who, according to Thermy or America, unamed the Implient; was first Smith, then Sophist, and lattly Physician. See Arian.

The Actions had divers other Denomination; as, Pure Ariant, Engominant, Heteroussians, Treglodytest. See Ev. Sec Eu-

NOMIANS, HETEROUSIAN, E.C.

ATIOLOGY, ATIOLOGIA, a Rationale, or Difcourie of the Caufe of a Difcafe. See DISEASE.

In this Senfe, we fay, the Ætiology of the Small Pox, of the Hydrophobia, of the Gent, the Dropfy, &c. See Hxof

DROPHOSIA, POX, GOUT, DROPSY, &c.
The Word is compounded of the Greek arm, Caufe, and 200 S. Sermo, Diffeourfe.

λογΘ, Sermo, Diffeurfe. ÆTITES, in Natural History, the Eagle-Stone. See Ex-GLE-Stone.

Chr.-Steel.

The Ætires, or Lapir Ætires, is a kind of Stone, valgarly faid to be found in the Eagle's Neft; but this, as well
as many of the Virmes afcired to it, form to be fabulous.

—It is found under grand in feveral Parts: Near Treves
in France, one can learce dig a few Peer, without finding
confidentials Stratu or Beds hereof.

The finding this is the stratum of Beds hereof.

"Tis usually hollow, and has a kind of Core or Kernel in it, which, upon shaking, rattles : Some have two, and others

three fuch Cores It is found of various Forms, and Sizes; but its Texts or Confittence is pretty uniform; confiiting of two or three Lays or Coats of a Matter refembling baked Earth: Espe-

cially the innermoft.-They are originally foit, and of the

ur of yellow Oker. Colour of yellow Oker.

Disforder Lay, it is of use in discovering a Thief; for by mixing it with his Meat, he'll be unable to swallow it—

Austrbiolus informs us, that Birds of Prey never hatch their young without this Stone; and that they seek it as far as

The Ufe now made of the Stone, is to affift Women in The Ufe new made of the Stone, is to affift Women in Labour; to which end, they faffen it about the Knee: it being a Tradition, that according as it is applied above or below the Mairix, it has the Faculty of retaining or exclu-ding the Child. See Delivery.

Hence, it is fometimes directed to be bore about the Arm

to prevent Abertion. See Anontion.
The Word is form'd of the Greek arro, Aquila, Eagle.
AFFECTION, Apprectio, in Physicks, a Quality or Pro erty of fome natural Being. See QUALITY, and PRO-

The Schoolnen define Affellion an Attribute proper to any Being, ariting from the Effence thereof. See ATTRI-

Being, strong too.

Bette, Facter, Etc.

Affections are diffinguish'd into these of Bady, and those the Mind.

AFFECTIONS of Body, are certain Medifications thereof; occasioned or induced by Motion; in Virue whereof, the Body comes to be so and so disposed. See Bony, Matter, MOTION MODIFICATION, &C MOTION MORIFICATION, &C.
Thele are individed into Primary; as, Quantity, Figure, Mation, Place, Quality, and Time: and Secondary, as Divigibinity, Continuity, Imperentability, Regularity, Health, Strength, &c. See each under its proper Article.

AFFECTIONS of Mind, are what we more usually call

Paffions. See Passion. Patient. See Parsion.

Mechanical Affections. See Mechanical Affection.

Approximate promising of in Medicine, for a morbid or differedry State of a Part.—Thus, we fay, fuch a Part of the Body is affected, i.e. indisposed, or leized with a Dif-

See DISBASE, The Sick are frequently militaken as to the Place offected, by means of the Confeat between the several Parts, which makes a Diforder in one Part be felt in snother. See Con-

Hypocondriacal Affection. Scc. SHypocondriacal, Hypterical Affection, Sc. Scc. Hypterical Affection, Sc. Affection is fomeimesalfo ufed in a Legal Senfe, for the APPECTION IS tomesmession used that Legal some, for the affigning, mising over, paying, or morrgaging a thing, to affigure the Payment of a Sum of Money, or the Difcharge of some other Dary or Service.—His Effects were all affected to the Conditor.—The Revenues of facts a Benefice, of facts and Hofpital, are affected to the Payment of Penfices, to the Support of Orphans.-There are certain Duties and Privi-

s affected to certain Offices, &c. leges official so certain Offices, 6%. In Law, are that of a AFFERIONOS, AFFERINGAS, in Law, are that of a AFFERINGAS, AFFERINGAS, to find and had been a substituted by the substitute of the s

hath delerved.

Kitchin joins the three Words as Synenymas; Affidati,
Americatores, Affirares. Braslon has Affidari Mulicrem, to
be betworked to a Woman.—In the Cattomary of Normandy,
the Word Afficure, is rendered by the Lair Interpreter
Taxere, to let the Price of a thing; as Affimare, Indi-AFFERI, in Law. Sec Averia.

AFFIANCE, in Law, the plighting of Troth, between a Man and a Woman; upon an Agreement of Marriage to be had between 'em. See Marriage, and Affinity.

AFFIDATIO Dominorum, an Oath taken by the Lords Parliament; thus called in the Ros. Parl. Hen. VI. Son ATH, and PARLIAMENT. OATH

AFFIDATUS, or AFFIDIATUS, in our Law-Bocks, a Tenant by Fealty: Alfo a Retainer. See Trnant, and

RETAINED -Affidati non proprie Vaffali funt fed quaft Vaffali,

Attidati son proprie Valfali finst fed quaft Vaffali, qui in alicupus fidem & clientelam finen recepti, recommendati dicti. Laurentii Amalthna. Affidatio accipitur promutus fidelitatis contextone, tam in fponfalis, quain iure Domicusus & Vaffalium. Protes de Afidata & om Mary. Dominum of Faffultum. Freit & Allidars E um Mar-tat, mos eft here; Mats. In Writing, from before fine AMTIDATI, an On the fath, Other, and the Martination of the fath of the fath of the see Carry, Eventuck, Wrenas, Ed.
See Carry, Eventuck, Wrenas, Ed.
in the Cours of Cancery in a Affordir Offee; under the in the Cours of Cancery in a Affordir Offee; under the in the Cours of Cancery in a Affordir Offee; under the fath of Cancer in the Affordir Offee; under the AFIRATI, AFIRMAGE, in Sometimes used in antient Law Beals, for the Refining of Metal. See Revision, and AFIRATI, AFIRMAGE, an Adianoe, or Relation made AFIRATI, AFIRMAGE, and Allianoe, or Relation and AFIRATI, AFIRMAGE, and ALIANOE, and AFIRATI, AFIRMAGE, and ALIANOE, and AFIRMAGE, and ALIANOE, and and alianoe, an

MARRIAGE.

In this Scnfe, the Word stands contradistinguish'd to Confanguinity; which is a Relation by Blood. See Consan-CUINITY.

OBBITY.

In the Mofaical Law, there are foveral Degrees of Amwife, wherein Marriage is expectly prohibited, which yes
wife, wherein Marriage is expectly prohibited, which yes
Levir, C. XVIII, ver 1.5. a Man was forbld to marry his
Brother's Widow, unleis he died without Iflue; in which
Brother's Widow, unleis he died without Iflue; in which
are the widow of which with the was living, v. 18, which
marry his Wile's Sulter, while the was living, v. 18, which
marry his Wile's Sulter, while the was living, v. 18, which
marry his wife to before the Law, we appear from the Influence of Yazade. fiance of Faceb.

The antient Roman Law is filent on this Head; and Papinian is the first who mentions it; on occasion of the Papinian is the first who mentions it; on occasion of the Marriage of Caracalla.—The Lawyers who came after him, firstch'd the Bonds of Affinity to far, that they plac'd Adop-tion on the fame Foot with Nature. See ADDITION.

Affinity, according to the modern Canonitts, renders Man-Animalty, according to the modern Canomits, renders Mar-riage unlawful to the fourth Generation, inclusive: But this is to be underflood of direct Affinity; and not of that which is feccodary, or collateral—Affinit mer affinit, non-effective ment. Sec Direct, and Collayenate.

1 is further to be obfered, that this Impediment of Mar-

riage, does not only follow an Affinity contracted by lawful Matrimony, but allo that contracted by a criminal Commerce; with this difference, that this last does not extend beyond the fecond Generation; whereas the other, as has been observed, reaches to the fourth. See ADDLTERY,

was any real Againty, the rest being mere Refinements, which ought to be fet afide. The de Configue, E. Affin.

The Degrees are recken'd after the fame manner in Affinity, as in Confangulaity; and therefore differently in the Canon Law from what they are in the Cril Law. See Dr.

OR XX. The Word is form'd of the Latin Affinit, Neighbour;

The Word is form'd of the Latin Affants, Neighboors; of ad, and finis, Boundary, Limit.

The Romanifs talk of a fpiritual Affanity, contracted by the Secrament of Baptifin and Confirmation.—In that Church, a God-father may not contract Maringo with his God-daughter, without a Dispensation. See God-fathers.

God-dagacer, winder a superbutton. Occ GOD-PATHERS, BAFFIEM, Jie Law.—To spirm, fignifies to the file Scote, is firm a former Law, or Judyment—In the little Scote, is the Subhanive Miramarce wich. See Pathematica. AFFIEMATION, APPENDATION, APPENDATION, and alledging the Truth of femething. See Patronitrus, and

TRUTH. Affirmation is defined by the Logicians, an Act whereby

agramation is defined by the Lopicians, an Act whereby we attribute on Idea to another; as fupposing it to belong or agree thereto.—As when, conteiving Perfection to agree to the Deliv, we felty, 60d is perfelt. See Attributes. This, on either Occident, is called Emerciation, Confedition, Fadging, &c. See Emmeration, Commonstrate, Padging, &c.

JUDGMENT, CE.
AFFIRMATION is also used in Grammar, by some late
Refiners upon that Art, for what is shally call'd a Verb; in
regard the Office of that Part of Speech, is to experts what
we officm, or attribute to any Subject. See Verb.

AFIEMATION, is particularly sfeel in a Legal Senfs, for a form of usefulney to lived in a Legal Senfs, for a form of usefulney to lived in a local senfs of a form of usefulney in sevina. See Quanta, and Outer, principal contently usefulney for the secondary usefulney for the secondary usefulney for deciding the Outer of a form on the Trouble, protectively for deciding the Outer of a form of the secondary to the secondary to the secondary to the secondary to the secondary of the secondary of the secondary to the -In this form :

I, A. B. do declare, in the Prefence of Almighty God, the Witness of the Truth of cobat I say, &c.

This AR was afterwards continued; and at Jaff made Perpetual.—But this Form not being fisch as was defir'd, and having, in reality, all the Effentials of an Oath; they ap-plied to the Parliament for an Alteration, which they obtained Anno 1721: When the following Form was fettled to their general Satisfaction, viz.

I, A. B. do fincerely, follownly, and truly declare, and a ffirm

Which is the Form now wied, in the fame manner, and un-der the fame Limitation with the former,—Any Perfon de-posing, upon his folenm Affirmation, a known Faifon, incurs the Penalty of wilful and corrupt Perjury. See Pen-JURY

AFFIRMATIVE, in Logick, &c. is underflood of a Proposition, or the like, which imports an Affirmation; or that key, A thing is. See AFFIRMATION. In this Senic, the Word stands opposed to Negative. See

NECATIVE. There are universal Affirmative Propositions; and such, usually are the first of Syllogisms. See Universal, Syllogisms.

LOGISM, EC.

In Algebra we have also Affirmative or Positive Quanti-ties. See Quantity, and Positive.

Applemative Squ, or Charafter. See Character.

AFFIRMATIVE Dign, or Charafter. See CHARACTER.
In Grammar, Authors diffingulth Affirmative Particles:
Such is, 72:. See Parvicia, Advers, 55e.
The Term is fometimes also used Solitanively.—The
Affirmative is the more probable fide of the Quellion:
There were for many Votes or Volices for the Affirmative, Sce Vote. AFFIRMATIVE is particularly applied in the Roman In-

quifition, to such Hereticks as own the Errors and Opinions they are charged withal; and maintain the fame in their Examination with Firmness and Resolution. See Inquist-

AFFORCIAMENTUM, in Law. Sco Efforcement. AFFORESTING, AFFORESTATIO, the turning Ground into Forest. See FOREST In this Sense, the Word fisnds opposed to Deafforesting.

See DLAFFRANKING.
The Conquert, and his Saccesse, continued affertelling the Lunde of the Subject, for many Reigns; till the Giovernant Secure in Secure in Common Common Law (Law Secure Secure) and the Conference in Rechter, which was at length obtaint, and Common Law (Law Secure S SCC DEAFFORESTING.

upon one, or more Perfons, apon one, or trace ecross, This, according to the Lawyers, may be done without a Word ipoke, or a Blow firack.—As, where a Man firews himfelf arm'd or brandishes a Weapon, it may firike a Fear into others unamo'd. Affray is a common Injury ; in which it differs from an

Affant, which is always a particular Injury. See Assault.
AFFREIGHTMEN'T, or AFFRETAMENY, AFFRETAMENTUM, in Law, figuifies the Freight of a Ship. See The Word is form'd from the French Fret, which expresses

The Word is form a room are the fame thing, in Enderthcod of Animals her fame thing.

AFFRONTE', in Heraldry, is underflood of Animals been in an Efecticheon, as facing, or with their Heads turn'd toward each other.—This is otherwife called Confront'.

The Word is French's and literally fignifies the fame thing, and the confront of the confront of

The Word is Freeze's and interacy injuries and Adoption ARILIATION. See Abnorrons.

Among the antient Ganit, Affiliation was a fort of Adoption only prefla'd among the Great—It was perform'd with Milliary Coremonics. The Father prefenced a Battle-ax to the Ferien he was to adopt for his Son 5 as an Intimation

that he was to preferve the Effects he thus call'd him to fuecced to, by Arms.

AFRICAN Company. See Company.

AFRICANS, a Quality or Sirrans, given to feveral AFRICANS, a Quality or Sirrans, given to feveral Ferfice, in refuged of the Country of Africa. See Tives, Quartry, Assay, Sirsayas, Ge. Gentrife, and that a fidely plan Remarks of the Genderic that the country of the Country of the Country of the Country of the Country and Empr.—in form Mediat we find Stephy's Heed on one dide, with the Indiription, P. SCIPIO AFRIC; a few the country, Stephy in a Cure devum by Henica; with CART. SUBACT.

SUBACT.

Africanus is also the Strume of a celebrated Historian
and Chronologiti of the Hitd Century, born in Packfirms; of
whom we have nothing extrant befide a few Fragment
preferred in Englishm and Syncellus.—His Name was fire

Associated Committee Committee Conformal bin Sub
Committee Conformal bin Sub
Conformal Conformal bin Subpreserved in Englishus and Synecellus—His Name was Ju-lus Africans.—Authors frequently confound him with Sextus, or Coffus Africanus, AFTER-Biraru, among Midwives, the Cost or Mem-branes wherein the Fectus is enclosed, in Utero. See Fortus, It is thus called, by realen it comes away fome time af-ter the Tectus by way of a Econd Birth, or Delivery. See

DELIVERY. Physicians usually call it the Secundines. See Shoun-

INE.-See also HEAM, &c

nust.—See also Heast, the Artist Plant, are Plant Sit. in the Leon, the Grein, Artist Plant, are Plant Sit. in the Leon, the Grein, Artist Plant, are Plant Sit. In the Lighteness of the Uprant in the Openius and the Lighteness of the Uprant in the Openius and the Sideon disappears, unlike Signovared by a Detention of the Leohia.—To practice of the Control of the Control of the Control of Contr

Com.

Com.

In the Laneaux of the Myth, ice. Sgifter a proveful Men, a Lovel and Gaussian.

In this last Steff, the Term Is also find among the Variety.

In this last Steff, the Term Is also find among the Variety.

Thus, the My of the Janeauxiety, a three Colonel, a loss of the Steff St

and the Age or General of the Horic, opening age, and the Age or General of the Horizon, Day, Stant, Ed., AGAI, Acto, in Matters of Commerce, a Term ufed, chiefly in Belland, and at Ferner, for the Difference between the Value of Bank-Notes, and current Money. See Bank. The Age in Helland is formerment a, or even A per Cert. in Evour of the Bank-Notes. See Discount.

in favour of the Bank-Notes. See Discounty.

AGAPE, in Church Hilfory, Love-Feafls 1 a Name given to certain Feffivals, celebrated in the antient Greek
Church, to keep up a Harmony and Concord among its

Members. See Frage of the Greek away. Dilletting in the Concord among the Concord among the Members. The Word is form'd of the Greek system, Dilettion; of

ayaran, I love.

In the primitive Days they were held without Scandal, or Offence; but in after Times, the Heathens begin to tax them with Impurity.—This gave occasion to a Reformation them with impurity.—This gave occasion to a Reformation of these Magnets,—The Kils of Charity, with which the Ceremony had end-di, was no longer given between different Sexes; and it was expertly forbidden to have any Beds or Concles, for the Conveniency of those who flowed be differed to eat more at

their Eafe. Norwith flanding these Precautions, the Abuses committed

in them became so notorious; that they were folemnly condemn'd at the Council of Carthage. Some Criticks will have it to be thefe Agape that St. Paul

como e un Commo et Corringe.

Genko et a tra Commo et Corringe.

Genko et a Co. A. XI. under the Name of the Lord's Soften et which, they control, was not the Endesthi, but Thompson, which, they control, was not the Endesthi, but Serrament, in his Supper with the Apolles.—The Text manner, in this Supper with the Apolles.—The Text manner, but by a Confinence ofference made, they were chiffed to communicate things, for that the Apolles were chiffed to communicate things, for that the Apolles were chiffed to communicate things, for that the Apolles were chiffed to communicate things, for that the Apolles were chiffed to communicate things, for that the Apolles were chiffed to communicate things, for that the Apolles were chiffed to communicate things, for the the Apolles were chiffed to the Apolles when the Apolles were the Apolles when the Apolles were the Apolles when the Apolles were the Apolles Serifice, and Apolles Christian, with converging the Internets Serifice, and Apolles Christians Internets Serifice, and Apolles Christians Internets Serifice, and Apolles Christians in the Apolles Chri

AGAPETÆ, in Ecclefiaftical Hiltory, Well-beloved; a Name given to certain Virgins, who in the antient Church affociated themselves with Ecclefiasticks, out of a Motive of Piety and Charit

In the primitive Days, there were Women inflituted Dea-coneffes 5 who devoting themselves to the Service of the Church, took up their abode with the Ministers, and affile ded them in their Functions. See DEACON.

on them in their Functions. See DE LOON.

In the Ferrour of the primitive Pietry, there was nothing fendedaloss in their Societies: But they afterwards degenerated into Libertinifing; informate, that St. Jerome star, with Indignation, unde Apparatum peffit in ecclefien intrivit! This gave occasion to Council to Imprect them.—St. Attendigns mentions a Priett named Levitini, who, to remove all occasion of Societies to mutualts hindrid, to pre-

ferve his Companie AGARIC, or Fengus Adarics, in Pharmacy, a kind of sungous Exercicance growing on the Trunks, and large Branches of feveral Trees; but chiefly on the Larch-Tree, and certain Oaks. See Forners.

Diofeorides derives its Name from a Province of Sarmatia, Liegotries derives its Name trom a Province of Satination, acided Against a whence it was first brought.—Several archors, and among the reft, Galeu, take it for a Root; but the common Opinion is for its being of the Mushroom kind.—It is brought from the Levons.

—11 is prought from the Levant.

It is white, light, tender, brittle, of a bitter Tafte, pungent, and a little Styptic.—This is what the Amtients call'd the Female Agence: As for the Male, it is dually yellowith and woody; and is generally excluded out of Physick, being only uled in Dying.

in depth of the property of th

teaty Earth, and an acid Phiegm. We read of Pillula de Agaric; but they are district. Some Authors also mention a Mineral Agaric; which is a whitish Stone, found in the Clefts of Rocks in Germany; called also Lac Lune, and by some Naturalits, Lithomagra,

and Steinmagra. See Lac Lune.

AGAT, Agrange, in Natural Hiltory, a precious Stone,
parity transparent, and partly opake. See Parecrous Stone,
and Cam.

The first Agats were faid to have been found in Sicily, along the Banks of the River Achates; whence, some will

it, the Name is deriv'd.

have'i, the Name is deriv'd.
There are various Kinds of Agarr; which, according to their different Colons, degrees of Transparency, Sc. have found to the Agart Sc. have seen that the Agart Sc. have seen the Agart Sc. have the Chief Colon Sc. have the Gream Agart. See Oxyx, and Catactersow.
The Agart Sc. See Oxyx, and Catactersow.
The Agart Sc. have the Chief Colon Sc. have the Colon Sc. have been presented by a crepture Woods, Rivers, Trees, Asimats, Fruits, Flowers, 16—De Bene mentions on, the Size of a Nail, wheelin a Billiop, with his Mitre, was rey wall re-perfecting! Thumping it intics, Alm and Wooms't Hadd.

were feen in its Place The Sardines, and Sardonya Agais, are very valuable s the latter is of a fangaine Colour, and is divided into Zones, which feem to have been painted by Art.—Pliny, Strabo, and Cicero say, that Polycrates's Ring was a Sardonys. See

SARDONYX. SARDONYX.

Authors also fipcak of Roman Agass, Egyptian Agass, Onyu-fordonyy Agass, &c.—The Antients mention a red Agast, forted with Points of Gold, found in Candas y and called Actrod, as being a Prefervative against the Poisson of Vipcas, Scorpions, and Spiders.—Pliny has a whole Chapter of the Virtues of Agass.

Ages has always been effected for Scale; as being a Stone that no Wax will flick to. See Seal, Exeravine, &c.

The Gold Wire-drawers burnish their Gold with an Ages;

where the littimizer mide use of on that occides, it caliled gets. See Cons Wire.

Mr. Reyle takes Agast to have been form'd of Fepartar
Beck, or Sertat of fine Clay to Earth, bought by a petrifying Liquer to congular into a Stone. See Grass.—The
Time Author offerer, that the Fire will purp a way the Colears of Agast. He also mention as Agast with a moveable
AGE, the parantal Description.

AGE, the natural Duration of any thing; and particularly of the Life of Man. See Duration, and Life.

The ordinary Age of Mankind has been occasionally va-ried, in such manner as to afford a fine Instance of the Wifdom of Providence. See the Article Londwitt,
Ann is alfo used in Chronology, for a Century; or a System or Period of an hundred Years; called also Seculum.
See Seculum, and Century.

See Skeukens, and Centrury.

An Age differs from a Generation. See General action, And is also underflood of a certification or Portion of the Control of th

PHEERY, &c. Manbood, or the Virile Age, terminates at 50. See V1-

Old Age, Semethus, faceceds, which is the last: the some divide this into two a teckoning it decrepts See after To.

See Old Age.

Age, in Horfemanflip, makes a confiderable Point of
Knowledge; the Horfe being an Animal that remarkably
fiews the Frogress of his Years, by correspondent Alterations in his Body. See House. We have Characteristicks from his Teeth, Hoofs, Coat,

We have Chienderditekt from his Terch, Hoofs, Cast, Till and Eyes, See Textus, Hoors, Gest, which are ear. The first the his has his fast Feff, which are the change, and appear between and begger than the reft : The third, he changes the Textus house to thefe; I eaving so as, parent Fash? Textus, he two on each find above, and two parent Fash? Textus, he two on each find above, and two ed, and no Fash? Textus are left, but case on each file above and below. At few Lextus, his forcould Textus and all changed; and the Tather on each file are complete: whose who have the three of the life that Textus, here ing hollow, and having a little black Speck in the midlt; which is called the Mark in a Horfe's Month, and continues till eight Years of Age. See Mark.—At fix Years, he with the collection of the col

ples; and no Wrin

15 a Mark of Tours.
5°, The Skin being pluck'd up in any Part betwixt the Finger and Thumb, and let go again 3 if it return fuddenly to its Place, and remain without Wrinkles, he may be argued

its Flace, and remain various winners, or may or only on be young.

of A dark-colourd Horfe, growing grifly above the Eye-brows, or under the Main 5 or a whistin Horfe growing meanelled, cifter white or black, all over 5 may be infalia-bly concluded extremely aged.

Latily, Horfe being young, the Bara of his Mouth are fold and flaalow 5 otherwise they are deep, and feel had

and rough.

Acz, in Hunting.—Deer, and other Beatls of Game, have different Denominations, according to their Acc; which fee under the Article Hunting.

which lee under the Article Hungaria.

The first Hand, called in shillow Deer, Broches, and in red Deer, Bricks, does not come till the second Year of their Age: The next Year, they bear four or fix small Branches: the fourth Year, eight or ten; the fifth, ten or twelve; the fisch, fourteen or fixteen; the seventh Year, they bear shell Heads beam'd, branch'd, and sum'd, as much as ever they

will be.

The

The Age of a Hart, &c. is chiefly judg'd of by the Furniture of his Head. See HEAD.

The Huntimen have feveral other Marks, whereby to know an old Hart without feeing him; as, the Slot, Entries, Abatures, Foils, Fewmets, Gate, and Fraying Poil. See

Age of the Moon, in Aftronomy, is underflood of the Number of Days clapfed fince the laft Conjunction, or New Moon; called also her Quarter. See Conjunction, Quar-

prefent Year.

pretent Year.

The first Me, according to the Jews, consisted of 2447 Years; according to Satisfer, of 2452; and according to Wilber, of 2555.—The second Age, according to the Jews, consisted of 2712 Years; according to Satisfer. of 1508; and according to Uffer, of 1491.—Of the third Me, there have clapted 1720 Years; tho this, too, is controverted by

Chronologers.

Chromologien.

Percents will have our Saviour to have been born four Years before the vulgar Epochs; on which footing, the current Year Bodds to 1750; **teconfig. or &\text{UPL}\$!* A SAVIETT.

**The Resums diffinguished the Timple See Nativett.

**The Resums diffinguished the Timple See Nativett.

**The Resums diffinguished the Commenstrate Age, which each it down as low as Oggers King of Affrica; in whole Regin the Delage happend in Gerzee-The facilities, or Resums Age, which ended at the fattl Olympiat's And the Affrica Age, which ended at the fattl Olympiat's And the Affrica Age, which ended at the fattl Olympiat's And the Affrica Age, which ended at the fattl Olympiat's And the Affrica Age, which ended at the fattl Olympiat's And the Affrica Age, which ended at the fattl Olympiat's Age and the Affrica Age, which ended at the fattl Olympiat's And the Affrica Age, which ended at the fattl Olympiat's Age and the Affrica Age and

herrie Age, which cached as the first Osympiat 3, And the herries Age, with commenced as the Budding of Rear. Among the Peers, the first Ages of the World, are the Gillen, the Shore, the World, and the Peers Age, See Gillen, the Shore, the World, and the Peers Age, See From Yelf as a heavy, Ogers of Diret, ver. 161, 162. It is the the fifth as the described the four Age, and the belth with the second of the Shore, Ogers of Diret, ver. 161, 162. It is the the fifth as the described the four Age, and the belth ange—The fifth, which they reprefere as a few of Golden Age, Indied, according to then 1138-000. Are Is a list to the Age of the Age of the Age of the Age of Shore, I was the Manner innocent: They were compressed to the Mental Manner innocent: They were compressed to the World's trend of the Age of the Age, and the Lief Society Seen, Vice being increased, Men only availed to the Age of the Age of the Age, and the Lief Society Seen, Vice being increased, Men only availed to the Age of Man fash to one fourth of its original Deurisio. Central Control of the Age of the Three are now principal Age in a Man, A Kongren, the is at the Age of Derivins, at two one of Years, and configurable is at the Age of Derivins, at two one of Years, and of the Age of the Ag

is at the deep of Dispersion is at treasury one Team, a plat dec. In a Woman, there were maintain its deges other? A fairway Team, her Father might diffician the Teamster of many confect to Martimenoy. Bredlem.—At ins Xear add, the is did not be the preserved area of the is downless for treas, or within half a Xear after, the is that to be the preserved area of terming pillerus, or confirm the former Confert to Martimony.—At fair Xear after, the many was the Tandanis to be cover it fairly and flowed be our of Work, if the were at this degree at Parkellow's Arman and the Confert of the Death.—At fixteen, the thould be out of Ward; the at the Death of her Anceftor five was under fourteen: The Reason is, that then she might take a Husband able to perform Knight's-Service.—At twenty one Years, the may allenate Lands and Tenements.

nate Lands and Tenements.
For a Man a st the Aft of fourteen he may chair his own
Guardins, and claim his Lands held in Seconge. Dyer, of,
ord. the Bratist, Lib. II. limits this to fifteen Tears, with
whom Glasseils' agrees.—An fourteen, a Man may confect
when Glasseils' agrees, Ant fourteen, a Man may confect
be fown to the Leace, Ant. 24. Each. I Mare, 24 which
Aft to treatly one, a Man was obliged to be a Knight, if
he had reveny Dounds Land for Annuam in Foc. 16. Age of twenty one, a Man was obliged to be a Kingin, in he had twenty Pounds Land per Animum in Fee, or for Term of Life, Animo i Edw. II, Stat. 1. But this Statute is repealed, 17 Car. 1. cap. 10.——The farme Age allo can bles him to make Controlls, and manage his own Effice 3 which, till that time, he cannot do with Security of those that deal with him.

Ane Prier, a Petition, or Motion made in Court, by one in his Minority 3 having an Altion brought againfi him for Lands coming to him by Defents; requesting, that the Action may cell till account to fail. Age—This, the Court, and the Court of the Court

Theron, Conaron, Misority, Popil, Sic.

AGEMOGLANS, or Aranoglans, Children of Tribute
raisd every three Years by the grand Seignior, among the
Chriftians whom he tolerates in his Dominions.

Chriffian whom he tolerates in his Domilions. The Commilioners appointed for this Levy, take them by facts, even out of the Rousis of Chriffians, always the state of the American American and the American State of the American American State of the American State to bear Arms.

to bear Arms.
Such as are not judged proper for the Army, they employ
in the lowest and most fervise Offices of the Scraglio; as
in the Kirchen, Stables, Sc.
The Word, in it o Osignal, fignifics a Barbarian's Child,
The Word, but a Tark—It is compounded of two Arafice Words, Day and Day of Child, which among
the Tark in pulse as much will be will be discovered
the Tark in the convert people of the Contrals of the Tark lignifies as much as Berbarous among the Greek's, the Gener Feogle dividing the World into Arisk to Grark, and Science is a the latter two Greeness and Barberium. The General Conference of the Science of the Science of the General Conference of the Science of the Science of the General Conference of the Science of the Science of the Conference of the Science of The World Science of the Science of th

81VE. 850.

avr., gic., The decided higher forms into Neumria and Fers.
The Schools divide Agents we should manched single decided for the whole famends single decided for the should manched the should be sho

furpoded to be; which may other will or will the fune thing. See Fee. Branchamaron, Linguary, Watt., 187.

Natural effects, again, are thickvided into Univocate,
Natural effects, again, are thickvided into Univocate,
Decomination with the Again that the first Rich and whole Effects are of a different Kind, 187. from the Again.

The Schoolman reclam the following: Circumitates the grant of the Company of the

for I m which Senfe, the Word coincides with Hapsey, France-mentary, Cosmilgeone, Feldre, Sc. Sc. Derwert, Pacce-mentary, Cosmilgeone, Feldre, Sc. Sc. Derwert, Pacce-cal Commentary, C

Execa size.

Acsus and Patient, in Common Law, is where a Person town, or given something to himself is of that he is at the town, or given something to himself is of the test at the town, or the common something to the common something the person of the Habshed's inheritance.

AGENDMET INSELLA, a Term parely Green's, dynamized and Common something the common some

AGER Terra, in antient Writers, the fame with an

AGER Terrs, in ancient Writers, the fame with an Arc of Lend. See Acaz.

AGGLUTINAN'S, however whose the first seed of the See Acaz.

AGGLUTINAN'S, however whose the seed of the See Acaz.

Control of the See Acaz.

The seed of the See Acaz.

The see Acaz.

The see model of can of the glutinous Kind, or fish as evident of the seed of the See Acaz.

The see model of can of the glutinous Kind, or fish as evident for the see Acaz.

The see model of can of the glutinous Kind, or fish as evident for the see Acaz.

The see model of can of the seed of the see Acaz.

The see model of can of the seed of the see Acaz.

The seed of the seed

(46) The Operation and Use of Agglutinants, See under

STRENGTHENERS. STRINGTHENERS.
The principal Simples which come under this Class, are finggaits, Olibanum, Gum Arabis, Dragons Blood, Cafira, Sago, Vermicelli, Polic, Comfrey, Planains, Ec. Sc. 131NG-01431, GUM, OLIDANUM, DRAGON'S Blood, CASSIA,

Puras, §6.
AGGLUTINATION, literally, denote the AR of joining, occumenting two Bodies together, by means of a proper Gentes, or Glose. Gentester, Glose. Gentester, Glose. Gentester, Glose the ARIO delivers of some Soldines or the principal garanter Confidence to the ARIO delivers. Or the principal garanter Confidence to the ARIOLATION, for Common Francisco and Newstrans. AGGRANATION, the ARIO of aggreening a Clone, or the Parilliment thereof. See Causas, and Versansurasar. The Word is compounded of ad, to, and graven, heavy.

In the Romill Canon Law, Aggravation is particularly used for an Ecclefiastical Confure, threatening an Excommunication after three Admonitions used in vain. See Cen-

From Aggratuation, they proceed to Re-aggravation; which is the laft Excommunication. See Excommunication.

AGGREGATE, the Sum, or Refult of feveral things

Natural Bodies are Aggregates, or Affemblages of Parti-cles or Coppucies, bound together by the Principle of At-traction. See Bory, Pagretex, 15c.

The Word is form'd of ad, to, and grex, gregis, a Fleck,

Company.

AGGREGATION, AGGREGATIC, in Phyficks, a Species of Union, whereby feveral things which have no natural Dependence or Connection with one another, are collected together, fo as in fome Senfe to conflitate one. See Union. Thus, a Heap of Sand, or a Mass of Ruins, are Bodies

by Aggregation.

In a 10c Senfe, they familiane sky. To be of a ComIn a 10c Senfe, they familiane sky. To be of a ComIn a 10c Senfe, they familiane sky. To be of a Comtrain in Senfe sky. The Senfe sky. The Senfe sky.

Veril DeGets to the Excitor of Lass—La Leip, Aggrega
tive the Senfe sky. The Senfe sky. The Senfe sky.

Land Senfe sky. The Senfe sky. The Senfe sky.

Land Senfe sky. The Senfe sky. The Senfe sky.

Compressing in that the former denotes a Coulision of the

Veril Senfe sky. The Senfe sky. The Senfe sky.

AGGRESSOR, in Law, be, of two contending Parish,

to sky. The Senfe sky. The Senfe sky.

La Senfe sky. The Senfe sky.

AGGRESSOR, in Law, be, of two contending sky.

AGGRESOR, on Law, the Senfe sky.

AGGRESOR, on Parish Senfe sky.

Estimatio Capitis.

EXTINATIO Capitis.
The Word comes from the privative a, and the Saxon Gildan, observe. See Gildo.
AGILITY, AULITYAS, Nimblenofi; a light and active Habitude, or Diffootion of the Members, and Parts defigued for Monico. See Mescat, and Muserular, and Muserular and Capital Capita

Keeper of a Herd of Cartle in a common Field.

AGIST, in Law.—To agift, fignifics to take in, and feed, the Cattle of Strangers, in the King's Forefl; and gather the Money due for the fame. See Agaroa.

The Word is also extended to the taking in of other Mens

Cattel, in any Man's Ground; at a certain Rate per Week.
It is also used metaphorically for a Charge or Burden on It is also been merapherically for a Charge or Durwen on any thing.—In this Sende, we meet with Terre as Cuffediam Maris Agiflete, i. e. charged with a Tribute to keep out the Sea. Seld. Mare Cauf.—So, Terre Agiftate, are Lands whose Owners are bound to keep up the

Sca-Banks, Spelman. The Word is form'd of the French Gifte, a Bed, or Ly-

AGISTOR, an Officer of the Foreft, who takes in the Cartle of Strangers, to feed therein; and receives for the King's Ufe, all fuch Tack Money as becomes due upon that account. See Forest, and Actst.

In English, they are otherwise called, Guest-takers, or Gift takers, and made, by Letters Patent, to the Number of four, in every Forett, where his Majesty has any Panof four, in every

See Pannage.

Their Function is term'd Agiftment, and Agiftage.
AGITATION, Agranto, properly fignifies Shaking;
a reciprocal Motion of a Body this way and that. See MOTION.

The Prophets, Quakers, Pythian Priestesses, &c. were subject to violent Agitations of Body, &c. See Prophet, Quaker, Pathia, &c.

Among Physiologists, the Term is fometimes appropriated

to that Species of Earthquake, call'd Tremor, or Trembling. Ariesstio. See Earthquare.

Among Philosophers, it is chiefly used for an intesting
Commotion of the Parts of any natural Body. See Intra-

Thus, Fire is faid to agitate the minute Particles of Bodies. See Fire. Fermentation, and Effervelcence, are at-sended with a brifk Agitation of the Particles. See Fig.

sended with a brilk Agination of the Particles. See Fig. MRNPATION, EUTRANGES MERS, and PARTICLE. AGITATION of Beaffs in the Foreit, antiently fignifyed the Drift of Beafs in the Foreit. See Dayler, and Foreign AGITATORS, in our English Affairs, were certain Officers, created by the Army in 1647, to take care of the Interestic thereof.

Intends thereof.

Crownel leagued himfelf with the Agiasters, whem he could be large more Insent than the Council of War-more Research than the Council of War-more Insent the Council of War-more Insent the Council of War-more Insent the Council of Religions and the State in relating to the AGLECTS, AGLETS, Or AGLETS, See AGNATION.

In this Sense, the Word is contradiftinguish'd to Coengri.

AGNATION, AGNATIO, in the Civil Law, the Bond of Confinguinity or Relation between the Male-Defendents of the fame Father; as Cognation is the Bond of Relation between all the Defendents of the fame Father, both Males and Females. Sec COGNATION.

The Difference, then, between Agnation and Cognation, confile in this, that Cognation is the universal Name, under which the whole Yamily, and even the Éguati themselves are contained; and even the Éguati themselves are contained; and éguation as particular Branch of Cognation, which only includes the Defeendents in the Male Libre. See COMS SMONINTY, Children 1997.

Line. See Coast Ancienters. Tables, Males and Fermina By the Law of the Twelve, Tables, Males and Fermina By the Law of the Twelve, and the Collection of the Collection of the Comment of

Cognata mit took its rife. But this Difference was again aboidfu'd by Justinian, and the Females were re-inflated in the Right of Agustism and all the Defendent's on the Father's fide, whether Males or Females, were appointed to furceed each other indiciniately, according to the Order of Frozimiay. Hence, Cognation came to take in all the Relations of the Earther; and Justinia to be retifiated to those of the

Adoptive Children enjoy'd the Privileges of Agnation;

which was called Good in their respect, in opposition to the other, which was Natural. See Apprison. AGNOITES, or AGNOETES, a Denomination given to certain antient Hereticks, who denied that Christ foreknew

the Day of Judgment.
The Word is Greek, 'Appuira; form'd of ayona, Ignoro, I do not know

I do not know.

Disigni, Patienth of Australein, steintes thus HeedDanigni, Patients in the Neighborhood of Training,
who is defence hereof, altelyd divert Texts of the New
Tethannest, and among others, this of St. Mark, C. XIII.
Tet. 31. "Of that Day and How knows he Mus 1, so
the Father only."—The firme Flidge was made use of by
the Britany 1 and hence the Orthodox Divines of those Day
were induced so give various Expeliations interect; Semeralwave induced so give various Expeliations interect; Semeralwere induced to give various Explications thereof: Some di-lodge, nature 3 services here had no regard to his Divine Na-ture, but only flokes of his Human. Others underhaal it than, the property of the property of the property of the German Services on the Control of the Medical Con-ference of Services confided in his Constitute of Medical God only. Which is the most natural Explication. A GNOMEN, among the Remont, a kind of Sinnane, utually given on occasion of fome particular Atlon, Halist, or other Chramalhane of the Beater. See Nami, and or other Chramalhane of the Beater. See Nami, and

SIRNAME.

SIRMANE. Thus, one of the Scipic's was named Africanus, and the other Africanus, from the brave Archivements which the one did in Africa, and the other in Africa.

The Againsten was the third in order of the three Refusions, was the third in order of the three Refusions. Tablists Cuerce, Marcus is the Francisco, Tablists the Practice, Tablists to Cuerce, Marcus is men. See Noman, Fas. Noman, St. and Cherry the Agricus and Cherry and Cherry of the Agricus and Cherry and Cherry of the Agricus and Cherry and Cherry of the Agricus and C

men. See Nowass, Francourst, Ed.
AGNUS Cellfus, a Shrub, Isamous among the Antients as
a Specific for the Frefervation of Chaffity, and the preventing of all Venercal Defices, Pollutions, Ede.
The Greeks call'd is 'Ayd's, Chaff; to which has fine
been added the Reduplicative Caffus, q. d. Chaff, chaff.

The Athenian Ladies, who made Profession of Chaftier, lay upon Leaves of Agnus Castus, during the Feasts of Ceres. See Cameaura.

See General.
It is reputed a Cooler, and particularly of the Genital
P ras; and was antiently ufed in Physick, to allay thofe inerdinate Mutions arising from feminal Turgefecces: But it
is out of the prefer Predice. See Pollucyton.
Annua Dei, a piece of conferrated Pathe, of great fervice
in the Charch of Rome.

The Name literally fignifies Lamb of God; this being fapposed an Image or Representation of the Lamb of God, &c.

God, 55.

They cover it up with a piece of Stuff, cut in form of a Heart, and carry it very devoutly in their Procedion.—The Romif Pricks, and Religions, make a good Penny, by feling thefe Agaus Der's to fome, and prefesting them to

others.

The Pope confecrates firsh ones once in feven Years, the Dilthbution whereof, belongs to the Mafter of the Ward-toles and they are received by the Carlinals with a world of Revenence, in their Mirret.—This Ceremony they pre-tend to derive from an analence Castlem of the Church, wherein part of the Paichal Taper, confectated on Holy Tharf-Houses, Fields, &c. in order to drive away Devils, and to preferre them from Storms and Tempests. See Paschal

The Name Agaus Dei, is also popularly given to that Part of the Mars, wherein the Priest, striking his Breast three times, rehearles, with a loud Voice, a Prayer begin-

ning with the Words Aguns Dei.

AGON, in Antiquity, 'Aya's, q. d. Combat; a Dispute or Contention for the Mattery, either in fome Exercises of the Body, or the Mind.

There were of these Agenes, on certain Days, in most of their Feasts, and other Ceremonies, in honour of Gods, or Heroes. See FRAST, and GAME.

There were also Agonese effabilitid expressly, and not attach do any other Solemnity—Such was the Agon Gyunarus, at Albem; the Agon Nomean, infiltrated by the Agri in the 53d Olympiad; the Agon Olympian, infiltrated by Herealte, 430 Years before the first Olympiad.

dry's in the 510 (Nympiad, the days Objectors, influence by Herricht, 152 Carts before the first Ohympiad. See 1. The 152 Carts Seed on the 152 Carts Seed

thick? The Agon was also called Pops, Cultrarius, and Pillima-rius. See Pors.
The Agon was also called Pops, Pop Epither given to the SAIGHOGALERS in Antiquity, so Epither given to the SAIGHOGALERS in Antiquity, so Epither given to the firmamed Gradium. See SAILI given to the Gold Mary They were also called Puririualet, and Patatini. See Quintinals, and Palatini.—Resinus calls on Agones-fis Saili.

fes Selit.

AGONALIA, or AGONEA, in Antiquity, Peafls celebrated by the Romant, in honour of Jesus; 5 or, 2s fome will have it, in honour of the God Agenius, whom the Romans used to invoke upon their undertaking any Butiness.

Remeats udd to lewide upon their understring my Buffaced of importance. See Fastr.

Authors very as to the Eigenschop of this Sodomitty; J.

Authors very as to the Eigenschop of this Sodomitty; Sognitudits, wherein twas hald—Others lupped is taken from that Corenory in the Fastl, where the Bufch bodding as Ram, afted, Agere Shall Leb 1; —This to receive the AGONSPICIA, in Analysis by, Sams green by Domaste AGONSPICIA, in Analysis by, Sams green by Domaste AGONSPICIA, in Analysis by, Sams green by Domaste Continues of the Contin

bat; in regard they were fent as it were to fight, and sub-

due the Propie to their Opinions.

AGONOTHETA, AGONOTHEXES, in Antiquity, a Magistrate choic among the Greeks, to preside, and have the Superintendency of their facted Games, or Combates; to defray the Expenses thereof, and adjudge the Prizes to the

derray the Expenses thereof, and adjudge the Prizes to the Conquerors. See Game, Consert, E. Garler, Facred Sport, and Strik, be wale adjudge, comber, facred Sport, and Strik, be wale adjudge; appoints, ordains.—Among the Romans, the like Officer was denominated Advisabilities. Sec ATHELOTHETA.

AGONOCLITA, or AconocLITES, in Antiquity, aScelin the VIIth Century; whose diffinguishing Principle it was, never to kneel, but to deliver all their Prayers itand-

was, never to kneel, our to denter an account of the privative Particle a, y'my,

The Word is compounded of the Privative Particle a, y'my,

Knee, and wins, I bend.

AGONY, Acons, 1 verms.

AGONY, Aconsa, the Extremity of Pain, or a Difcase; when Nature makes her last Effort, or Struggle, to
throw off the Evil that oppresses her. See Pain, Dis-EASE, and DEATH,
The Word is furm'd from the Greek dydy, Certamen,
Combat; this being a kind of Strife, between Life and

AGORONOMUS, in Antiquity, a Magistrate of Athens, established for the Maintenance of good Order, and Policy in the Markets; the Inspection of the Weights, Meafures, &c. The Agoronomus was much the same with the Curule Æ-

The Aggressmit was much the tame with the own and the smooth the Romans. See Edita.

The Word is compounded of the Greek, syeet, Market, and types, to distribute—Arificute difficienties two Kightham of Magifirates, the Aggressmi, who had the Intendance of Magifirates, the Aggressmi, who had the Intendance of Magifirates, the Aggressmi, who had the Intendance of Magifirates.

the Markets; and the Aftynomi, who inspected the Buildings

AGRARIAN, in the Roman Juriforudence, a Denomi-nation given to such Laws as relate to the Partition, or Distribution of Lands. See Law.

ildribution of Lands. See Law.

The Word is form'd of the Latin Ager, Field.

The Adramatan Lew, Lew Adramata, abfolutely, and by ay of Emiscace fo call'd, was a celebrated Law, published to the control of the contro way of Emiscace to call'd, was a celebrated Law, published by Sylurin Caffus, about the Year 168, for the Dirificon of the Lands taken from the Encuy.—Those other two in the Dirificon occupantial by Nerva, only relate to the Limits or Boundaries of Grounds; and have no Relation to that of Spurint Caffus.

tstation.

The focood is, where one does an Act, and another agrees or affents thereto, afterwards. Soc Assister.

The third its, when both Parties at one time are agreed that fuch a thing fhall be does in time to come; which is Executory, in regard the thing is to be done afterwards. Soc Contracts.

AGRESSES, or OGRESSES, in Heraldry, the fame as

ACRESSES, OF CORRESSES, IN ACCESSES, IN ACCESSES, PRINTER OF THE P FRUIT, SEED, ESC.

Fruir, Stud. (de. The principle and most general Operations in Agriculture, are Manuring, Plumphing, Estimang, Seving, Harrwing, Studenting, Harrwing, Harrwing, Harrwing, Harrwing, Thomas and Studenting, Harrwing, Harrwing,

Woas, 16.

To the Inne Art belong Plasting, Transplanting, Private, Progrifting is the Culture of Kerolli, Transfer, Oglet, et al., 2007, p. 2007,

greatest Authors: Virgil for instance, Care, Varre, and Cof Money due to the Lord, from his Tenants, on certain See Sussidy, SERVICE, Ec.

Immella. The later Authors on Agriculture, are Palladini Confloritums, Cefor, Baptifla Perta, Herelacchius, and Agrecola. In Latin 4 Affeyool Hereras, in Bulans y Sobbests, Liebant, de Servie, de Creifons, Bellom, and Countl, in Franch's and Ecolom, Mortiner, Switzer, Bradley, and Lawrence, in Englift. See Gavronicz.

in English. See Georgian.

AGRIPPA, a Name applied, among the Antients, to Children deliver'd in an unufuel, or irregular manner. See

DELIVERY.

They were called Agrippe, quasi egre parti.

AGRYPNIA, Apparts, a Watching, or dreaming Sumr. See Coma, Wartening, SEEF, E.

AGUE, a periodical Difeate, confliting in a cold shiver-

AGUE, a periodical Diteate, contitung in a cool inver-ing Fit, fuceceded by a hot one; and going off in a Dia-phorefit, or Sweating. See Dissass.

If the Coldness and Snivering be inconfiderable, and only the hot Fit felt; the Difeafe is called an Intermitting Fe-

See FEVER. According to the Periods or Returns of the Fits, the Dif-

According to the Periods or Restants of the Flist, the Dif-cials a callenge appendix of Vertina, Sequenta Appendix Control of the Control of Control of Control of Control Force, See Querination, Tantanas, Quantana, Sei, The next Casio of Agues, force to be an oblimical deription, on the Control of Control of Control of Control and Heaviness and Reaching; a weak, flow Fulic, Cold-nois, and Shirvenia, felt first in the Joins, these crevipes of the Control of Control of

A Vernal Rue is castly cur'd; but an Autaminal one is more oblinate, especially in agod and eachefileal Persons; if complicated with a Dropsy, Perimeumony, &c. dange-rous.—When an Ague proves tatal, it is usually in the cold

The Core is usually begun with an Emetic of Ipecacu-anha, an Hour before the Access; and compleated with the Cortex Peravianas, administer'd in the Interval between two

ents and communed at times, no prevent a Richiglo. See Dr. Spining enderdown to account for Beffect of the Bark, from the Irregularity, Alperity, and Soidilyr of Its Turnicks, which for it to break the Victidians in the Jarcides, which for it to break the Victidians in April 1997, and the Soidil at 1997 and 1997, and 1997, and 1997, and the Soidil at 1997 and 1997, the Soid at prevent spining the Soid at greater Momentum; and the Good, by its comparing the Soid at greater Momentum; and the Good, by its comparing the Soid at greater Momentum; and the Good, by its comparing the Soid at greater Momentum; and the Good, by its comparing the April 1997, and 1997,

whence the Spanish Adjutant.
Alto, in Law, is when a Petition is made in Court, for the
Calling in of Help from another Perfon interested in the
Matter in Queltion; who, its probable, may not only throngthen the Party's Caufe, who thus prays for Mel, but also
prevent a Prejudic artifing to his own Kight.
This is called Mel Prier, or Ad Preger: But this
Cauté of Proceeding is now much distired.

A City or Corporation, holding a Fee-farm of the King, may Pray in Aid of him; if any thing be demanded of them relating thereto.

neum reasung increto.

The Ad Prior, is femerimes also used in the King's behalf, to prevent any Proceeding against him till his Council be call'd, and heard what they have to say for avoiding the King's Prejudice, or Lofe.

Any the County, an Officer in an Army, whose Business is to stated the general (Officer in an Army, whose Business is to stated the general (Officer in an Army, whose Business is to stated the general (Officer in an Army, whose Business is to stated the general (Officer in an Army, whose Business is to stated the general (Officer in an Army, whose Business is to stated the general (Officer in an Army, whose Business is to stated the general (Officer in an Army, whose Business is to state the gene

to attend the general Officers, and receive and carry their Orders, as occasion requires.

When the King is in the Field, he usually appoints young Volunteers of Quality to carry his Orders, who are

young Volunteers of Quality to called the King's Aids de Camp.

sailed the King's Mit Te Gang.

An Mayer, or Adjuster, is an Officer, whole Business to cost the Major of year of his Davy, and to perform the first of the Davy, and to perform the Major of the Major of year of his Davy, and to perform the Major of Garach has but one Major, who has two Major of Garach has but one Major, who has two Major of Garach has but one Major of the Openion of Health Major of the Openion of Health Major of the Major of t

TALION, ES.

A1D, Auxilium, in our antient Cuftoms, a Subfidy or Sum

It differ'd from a Tax, which is imposed at any time when wanted ; whereas the Aid could only be levied where it was Cuftomary, and where the particular Occasion fell

it was Cultomary, and waere the particular Occasion ten out. See Tax. Such was the did de Relief, due from the Tenans in Fee upon the Death of the Lord Mefin, to his Heir , towards the Charge of a Relief of the Fee, of the injection Lord.

Such also was the Aid Chevel, or Capital Aid, due by Vaffals, to the chief Lord, or the King, of whom they

Vaffili, to the chief Lord, or the King, of whom they held in Edgils. See Vasais.

Of this there are three Kind,—The firt, of Chivity, or, a they call if, Per fine Genetiler, to resect making in the control of the Control of the Control of the Control of Martings, or Per fills marier, 15-words marrige his deleti Daughter, aboth thee, but all Charges incident thereto, the sken away by Set. is. Car. II, because the control of the Control o

In some Provinces there was a sourth kind of Aid; due whenever the Lord should undertake an Expedition to the

whenever the Lord Roadd undertake an Expedition to the Huly Land, Sec Connant, 167.
We also read of Add pink the Lord, when he was mindof the parking the Lord Tenement. These were experiency and
Factifying of Guillan, Sean, 167.
Their, Add, or Contributions, were as first imposed by
the Lord or King, at what Rate he plead'd put by a Stat,
of Emm. I as Reinstein was lided ones to a first Roportion, and
Lord, and they were told down to a first Roportion, to
the King. The Statement, the first Rein was exceeded even
to the King.

to the King They from to have been first cstablish'd with a View to the Clients and Freedmen of antient Rome, who made pre-

fents to their Patrons towards his Daughter's Fortune, as also on his Birth-day, and other solemn Occasions. See Paneme of the control o

See Sussing. ATES, in the Manage, are Helps or Affiliances, which the Horfeman coorributes towards the Motion or Action re-quird of the Horfe; by a different use of the Bridle, Cave-ion, Spur, Poinfon, Rod, Calf of the Leg, and Voice. See

BRIDLE. Such a Horfe knows his Aids, answers his Aids, takes his Aids with Vigous, &c.—The Aids are made use of, to avoid the Necessity of Corrections.—The fame Aids, given in a different manner, become Corrections. See Correct

The Aids used to make a Horse go in Airs, are very dif-ferent from those requir'd in going upon the Ground. Newcaftle.

The inner Heel, inner Leg, and inner Rein, are called inner Aids.—The outer Heel, outer Leg, &c, are outer

AIGLETTE, in Heraldry. See EAGLET.
AIGUE Marine, in Natural Hiftory. See Aqua Ma-

AIGUISCE, or Atouissee, or Equisce, in Heraldry, a Term applied to a Crofs, when its four Easis are flastpend, fo however as to terminate in obruse Angles. See Cassa. The Crofs Aguise differs from the Crofs Fliethee, in that

The Cods Magnife diletes from the Cods Firebec, in that the latter goes tepping by degrees to a flarp Foints, where as only the Ends of the former are taperd. See Firetusk ALLE, in Law, a Wirt which lies where the Grand-fa-ther, or Great Grand-father called Magnife, was fixed of Lands or Temments in Fee Simple, on the Day he died; and a Stranger abstess or enters the fame Day, and diffioilfellith the Heir. The Word is formed of the French Magnif, Navis, Grand-father.

AIR, Ara, in Physicks, a thin, fluid, transparent, com-profible, and dilatable Body; surrounding the terraqueous Globe to a confiderable Height. See Earth, and Tra-

RAQUEOUS. Air was confider'd by fome of the Antients as an Ele

Air was considered by some of the Antients as an Ele-ment; but then, by Element they understood a different thing from what we do. See ELEMBAY. "13s certain, that Air, taken in the popular Scase, is far from the Simplicity of an Elementary Sublance; the there may be fornething in it, which bids fair for the Appellation. Hence, Air may be distinguished into Valgar, or Hateregeneous; and Proper, or Elementary.

Vulgar or Heterogeneous Axx, is a Coalition of Corpulcies of various Kinds, which together conflicture one fluid Mafa, whereio we live and move, and which we are continually receiving and expelling by Refpiration.—The whole Afternating the market what we call the Atmosphere. See ATMOSPHERE.

Where this Air or Atmosphere terminates, there Ether is supposed to commence; which is diffinguished from Air, in that it does not make any sensible Refraction of the Rays of Light, which Air does. See Ether, and Refrac

NOW. TO A CONTROL OF CONTROL OT CONTROL OF CONTROL OF CONTROL OF CONTROL OT C EXHALATION.

Elementary Airs, or Airs, properly fo call'd, is a certain fubrile, homogeneous, claffick Matter; the Bafis, or Fundamental Ingredient of the Atmospherical Air, and that which gives it the Denomination.

Nature and Production of Alb.

The peculiar Nature of this serial Matter, we know but little of; what Authors have advanced concerning it being chiefly concideral. We have no way of examining it apart, or feparating it from the other Matters it is mix'd with a and confequently no way of aftertaining with Evidence what belongs to it abstractedly from the reit.

what belongs to it abstractionly from the reit.

Dr. Hole, and often either, will have it to be no other
than the Rither it felf so that fine, find, altive Matter,
daiffield thin's the whole Expande of the Cheffinia Regions; a
diffield thin's the whole Expande of the Cheffinia Regions; of
Spirite. See Extrasp. Measures, and Gyrattr.
On this View it supported a Body fing starrit, ingenerable, incorruptible, immutable, prefent in all Places, in all
Bodies, 5C.

Bodies, &c., Others, confidering only its Property of Elafticity, which they account its efficials and conflittent Chasefter § inp-pole is mechanically producible; and to be no other than the Matter of other Bodies alterd, fo as to become per-manently elaftick—Mr. Byte give as feveral Esperiments, which he made "for the Production of Arr 4 taking Fro-d delthin for the obettings a featible Quantup thereof, from which he made "i for the Prodellom of Art, taking Padellon for hochimics facility Quanty thereof, from Bolice wherein it did not appear either at all, or in for Bolice wherein it did not appear either at all, or in for Bolice wherein it did not appear either at all, or in for Bolice wherein it did not appear either at all the second of Bolice and Composition, Decomposition, a the bolice of Walter of Composition, Decomposition, a the bolice of Walter of Composition, Decomposition, a the bolice of Walter of the first the Tartice, but deriven, a first discussion of the second of Bolice and mineral Bodies, unifiedded of Fallicity, blung plumped in correction maintain and a first discussion of the second of the Bolice, blung plumped in correction and the second of Fallicity, blung plumped in correction (Business of permanent) and the Conflict, affect a confidential Cognities of permanent and the second of Lecture, compact, and forced subthance, obering by a freeze arrantice feether. Are for the first the second of Lecture, compact, and forced subthance, obscine by a freeze arrantice feether, are not figurable without a rehermont. Heat, or perhaps not without remembers of the second of Lecture and force of Lecture and the second of Lecture and force of Lecture and the second of Lecture and force of Lecture and the second of Lecture and force of Lecture and the second of Lecture and force of Lecture and Lecture

fame may be observed of Alcohol of Wine, and other sub-tile and lugitive Spirin, raised by Distillation.—Whereas real Air is not reducible by any Compression, Condensation, or the like, into any other Substance beside Air. See ROLFILE.

Ar is nor redeable by any Competition, Condentition, or the like, immoney of the foliables beloed N. Soc Eccentration beloed to the like, including the foliables of the control of the like of the li

But Sir I. Newron pats the Thing another way; fuch a Texture he dishts by no means sufficient to account for that waft Power of Elisticity observed in 20%, which is capable of dishting into above a Million of times more Space than it before puffeld d—Dut, as all Bedies are shown to have an attractive and a repelling Power; and as both these are stronger in Bodies, the dealer, more folid and compact they are: Hence it follows, that when by Heat, or any other powerful Agent, the attractive I orce is fur-mounted, and the Particles of the Body (sparated fo far as mounted, and the farticles of the Body Separated so far as to be out of the Sphere of Attraction; the repelling Power commencing thence, makes 'em recede from e. ch other with a strong Force, proportionable to that wherewith they before coher'd; and has they become permanent Arr. for coher's; and thus they become permanent Air.— Hence, fays the fame Author, it is, that as the Particles of permanent Air are groffer, and selfe from denfer Bodies, than those of Transfers Air, or Vapour: true Air is more ponderous than Vapour; and a motif Atmosphere lighter than a dry one. Obticks, p. 371, &c. Sec Attraction,

than a dy one. Opened, p. 371.

Bat, after all, there may fill be Rea'on to doubt, when the Matter thus preduced from folid Bodies have all the Properties of Art; and whether fuels dire be not transfers, as well as that from bundle ones; the note to that a star from the Reportineer made ones. We also star from an Experiment made ones. then, is well as that from hand done; the near the degree—Mr. Spir agues, from an Experiment made in the ABP lump with lighted March; that the light and fabrile Faune into which the First it fall fathered and be ablitted Faune into which the First it fall fathered and be all the spir and th Ubi supra

der. Dit Japon.

The Lame courtless Perion further stiftere us, he precured The Lame courtless Perion further stiftere us, he precured Berth. The Lame courtless of the Copyes, Mald, Alex, Apples, New Steel, Steel and Berth. Description, the Copyes, Mald, Alex, Apples, New Steel Steel Standard Paper, Barther Steel Standard Standard

the Property of Statistics in Garden Statistics and the Property of Statistics in Garden Concellibrate, APT, that AFT is rendered more chillick by the Admixture of Rome of the Matter along with it, that is in in Fairward of M. Statistics along with it, that is in in Fairward of M. Statistics at Endingent, M. Prometella affect was and of M. Statistics at Endingent and the Internetical Statistics and the Admixture of M. Statistics and the Affine of the Statistics and the Rome of the Cipit times more childred than the dry. Hill, 4t Endal, An 1763.

Bate it mail not be comined down to Product of the Conference of the Con

But it must not be omitted, that Dr. Javin explains the Experiments another way; and endeavours to shew, that the Conclusion does not necessarily follow from 'em. Append. ad Varen. Geogr.

This much for fire confidered in it felt —— But fire A fire, the beavenity Bodiers the fire he kept in a continual Recive where we have other red, no where earlier in in Parity—That whereasis we are concerned, and whole Proportion and Est. Hence, in good mention, it is, that no the Tops of the fire has not children and the proportion and Est. Hence, in good mention, it is, that no the Tops of the fire has very fire the state of all the Kinds of central Bodies.—Whatever Fire can of all the Kinds of central Bodies.—Whatever Fire can of all the Kinds of central Bodies.—Whatever Fire can can withing the Force of Fire. See Tata, Voluntary, Buranna Grans, Gift.

Buranna Grans, Gi

can withing the Porce of Fire. See Fire, vocations, constitution of the Conference o

like, is now in the Air. y the way, it may be noted what huge Swarms of the By the way, it may be noted what huge Swiffins or the gooder excrementations Matters of Asimans mult form in the Arr: At Madrid, we are shared, they have no Necethary Houles; and this they always make a Jakes of their Greets overnight; yet does the Air imbibe the Filth as fall as 'it's laid; informach, that there is no increase of any fend

The field's informach, that there is no increase of any netasity. As to Vegetsben, reading of the Call see the deprefed warning; a fonce we know that all Vegetsben by Franting the state of the Call see the See Vegets and the See Vegetsben of the Call see the

Of all the Effects fleeting in this grand Ocean the Asmodificate, some of the Property of the See Vegetsben, Parkey, VegOf all the Effects fleeting in this grand Ocean the Asmodificate, some of the property of the See Vegetsben of the See

Order of the See Vegetsben of the See Vegetsben of the See

Description of the See Vegetsben of the See Vegetsben of the See

Parkey of the See Vegetsben of the See Vege

may be considered as a store of the considerable or anonymous Bodies, unknown to us.

Air, in this general Senfe, is one of the most confiderable and universal Agents in all Nature 3 being concern'd in the Production of most of the Phanomena relating to our World. Production of motif of the Phanomena relating to our World.
—In Properties and Effects, including a great Part of the
Refearches and Diffects, including a great Part of the
Refearches and Diffects of the modern Philosophera,
have fome of 'em heen reduced to precife Laws and Demonfirations; in which form they make a Branch of Mathematicks, called Phanomaticks, or Asymmetry. See Marnastaticks, Phanomaticks, and Armonitaes.

Mechanical Properties and Effects of Air.

P., Fluidity. — That the Air is a Fluid, is evident from the ealy Paffage it affords to Bodies thro it; as in the Propagation of Sounds, Smells, and other Effavius: For this argues it a Body whose Parts give way to any Force im-press d, and in yielding, are easily moved among themselves; which is the Definition of a Fluid. See Parturn—See also SOUND, So.

Sowns, Gr.
They who, with the Carteffeat, make Floidity confill in a preprint intelline Monto of the Tare, and Art also are partial intelline Monto of the Tare, and Art also are the Species of external Objekts are howpit to by a fingle Ray; they appear in a contenal Flechantent, a coft that even min a moment at the See Westernam Gale;
The Caule of this Flaidity of Art, is attributed by fome Intelligence of the Caule of the Flaidity of Art, is attributed by four later Thiologheon to the Fire internals delivered to the intelligence of the contraction of the Caule of the Flaidity of Art, is attributed by four later Thiologheon to the Fire internals discovered in the Caule of the Flaidity of Art, is attributed by four Degree of Flaid or the Flaidity of Art, is attributed to the contraction of the Caule o

rogether with a Force equal to zeo Pound, by the Pordinar the ambient dry.

Further, a Tube code are one cade being filled with Mer.

Further, a Tube code are consecutive to the State of the State of

Beight - Inn unser can athunity weigh Air : For a Vel-Fo, full even of common Air, by a very nice Balance, is Fo, full even of common Air, by a very nice Balance, is the lifet is proportionably more families, if the fame Vel-fel be weight full of condenied Air, and void of Air. See Watenino, and Hyracovarical Balance.

WEIGHING, and HYPROSTATICAL Halance.

The Weight of Art is continually varying, according to the different degree of Heat, and Cold.—Ricciolus effimates its weight to that of Water, to be as 1 to 1000; Merchanus as 1 to 1200, or 1 to 1356; Galileo only makes it as [comms as 1 to 1300, or 1 to 1350 3 Gallies only makes it as 1 to 400.—Mr. Egyle, by a more accurate Experiment, found it about London, as 1 to 938; and thinks, all things conf-der'd, the Proportion of 1 to 1000 may be taken as a Medium; for there is no fixing any precife Ratio, finee not only the Air, for there is no fixing any precife Katio, finec not only the Air, but the Water if left, is continually varying. Add, that Experiments made in different Places necessarily vary, in regard of the different Heights of the Places, and the different Confidences of Air arising therefrom. Boyle, Physical Review of the Places, and the different Confidences of Air arising therefrom. Boyle, Physical Review of the Places, and the different Confidences of Air arising therefrom.

Mechin. Exper.

It must be added, however, that by Experiments made fines before the Royal Society; the Proportion of Air to Water way, life, found as a to Saya, brien, as a to Saya. Water way, life, found as a to Saya, brien, as a to Saya. And birly, by a very fumpic and accounts Experiments of the last Mr. Herchites, the Proportion was feeded as a to Say, Phys. Mechan. Experiments being all mandle in the Summer Mustha, when the Beremerer was a leaders 4, lidity 2 Dr. Farrie thinks, that ar a Medlum Sel-Marchites and the Sayan high ; the Proportion between the two Fluids, may be taken

as 1 to 800.

\$\vec{Mir}\$, then, being heavy and fluid \$\frac{1}{2}\$ the Laws of its Gravitation, or Prefluie, may be inferred to be the fame as in other Fluids \$\frac{1}{2}\$ confequently, its Brefluier must be as its perpendicular Altitude. See Fluin.

pendicular Altruco. See FLVID.
This is also continued by Experiment.—For, removing the
Torticellian Tube to a more elevated Place, where the incumbent Column of Air is florter; a proportionally florrer
Column of Moreury is fulfatined; it being found to defeen
at the Rate of one fourth of an Inch, for every roc. Foot of Afcent. See LEVELLING

On this Principle depends the Structure and Office of the Barometer. See Banoneten.

From hence, also, it follows, that the Air, like all other

Melledere, one or holm causes, that the Afr. Ble all other Flaids, multi price equally every way. Which is confirmed by what we observe of loft Badles furthaining this Prefilter without any Galage of Figures; and britte Badles, which the branches is affected as the confirmed and any of the confirmed and the confirmed

Bollet on it; and confirings and bload 'em down with a Force amounting, according to the Computation of M. Pyde according to the Computation of the Computati

wbo, as the Air is taken from 'em, [well, vomit, drivel, dung, arine, fwear, E.S. Sec Vacuus. 2°, The Mixture of contiguous Bodies, effectally fluid occ, is chiefly owing hereto.—Hence many Liquids, as Oils and Saits, which readily and fpontaneously mix in Air, upon taking that away, remain quietly in their State of Sepa-

ration.

**The determine the Adden of one Body upon another.

**In the Time definition of the Policy of the Adden of the Policy of t

the Methy, there me of the states away. And upon the general properties that its 20 part 10 part of the 20 part 10 par

minifiling the impredisc Couler, retaining to its Former Space or Figura. "This clittle, force is accounted the space of Figura." "This clittle, force is accounted the space of the space

This Yower does not feem to have any Limits affiged it; no does it appear capable, by any Means whetever, of heig definely do r diminified—Mr. Beyle made feveral Experiments, with a View to diffeover how leng. dri, brought to the greatest degree of Expandion he could reduce it to in his Arr Panny, would retain its Spring; and could never obtains any lendified Diminution; even the this poor this post of the property of the could be supported by the property of the property o wonder how it should support a Moment.

Yet, Mr. Hawkishes, by a later Experiment, has flown, that the Spring of the Zir may be fo diffurb'd by a violent Pression, as to require some time to return to its natural

The Weight or Prefiere of the Air, it is obvious, has no dependence on in Elasticity 3 but would be the fame, whether the Air Dad fish Property or not.—Bast the Air, in being clalite, is necessarily attected by the Pressure, which reduces it into fach a Space, as that the Elsticity which wells against the compressing Weight, is equal to that Weight. See Convertscope.

In officit, the Law of this Baltitire, is, that it is become as the Decity of the Air-incredies, and the Decity of a the Objective of the Control of the Con

Gine. Letter attern, in the Thinghy Translations, that the Deptatement made in the Deptatement in the Letter at the Deptatement in the Letter at the Deptatement in the Letter at the Le lefs and lefs compais; that it is only claffick in Virtue of the Fire it contains; and that as 'tis impossible ever abso-lately to drive all the Fire out of it, 'tis impossible ever to make the atmost Condensation.

make and sithout concentration. The Zilistation of the Air, by Virtue of its elaffick Force, is found to be very furprixing, and yet, Dr. Wallist (laggefits, that we are far from knowing the utmost it is capable of.—In feveral Experiments made by Mr. Boyle, it capable of.—In feveral Experiments made by Mr. Boyle, it is capable of the feveral Experiments made by Mr. Boyle, it is capable of the feveral Experiments made by Mr. Boyle, it is capable of the feveral Experiments made by Mr. Boyle, it is capable of the feveral Experiments made by Mr. Boyle, it is capable of the feveral Experiments made by Mr dilated that into aine tunes its former space; then into 34 times; then into 60; then into 130. Afterwards, it was brought to dilate into 8000 times in Space; then into 10000, and even at last into 13030; times its Space; and all this by its own expansive Force, without any help of Fire.

On this depends the Strutture and Ufe of the Manometer.

Sec MANOMETER.

declear, Moder I. a. Hence, it appears, that the Air we breathe, near the Surface of the Easth, is compress of by it own Weight into at least the 1850 a for the Space it would possible in Fession—But if the same Ar be condensed by Art; the Space it will consider the same and of the same of the

uske up when mod dilated, to that it spoffsfis when con-dended 4 with 6, according to the lime Author's Experi-ments, as 195000 to 1. See DIATATION.

Hence, we fee how wild and errosson was that Offser-vation of Noffsith, that Alv., readed ten times stare than

M. Amessens, and others, we have already obstreat, that the the Ratefying of Air to sarie wholly from the Brecomstaid in its and hence, by increasing the Degree of Heat, the Degree of Ratefitchism may be carried thill further than in figurational Distances. See Hazer. On this Principle depends the Structure and Office of

On the trinciple argument to descence was beginning the Thermometer. See Thermometer.

M. Amontons first discovered that Air, the deafer it is, the more it will expand with the same degree of Heat. See

On this Foundation, the fame ingenious Author has a Dif-courfe, to prove "that the Spring and Weight of the Air, of with a undersun degree of warmth, may enable it of "produce even Earthquekes, and other of the most ve-therment Commercious in Nature."

"I hermest Commocions in Nature."
According to the Experiments of this Author, and M. & Her., a Column of Are on the Surface of the Earth, at Column of Are on the Surface of the Earth, at Column of Are on the Surface of the Earth, at Column of Are positive of the Earth, at Column of Are positive of the Earth, at Column of the Weights where with they are prefeted. The Weights of the Arthur of the Earth of is equal to the Surface of the Earth, and its Height containing as many times three Lines, as the Atmospherical Space con-tains Orbs equal in weight to that of 36 Fathous, whereraiso Orba cqual in weight to that of 36 Fathonis, where of the Experiment was mide—Hence, taking the denfelt of all Bodles, e.g., Gold, whole Gravity is about eagly of the state of the Company of the Company of the Company, and the Company, and the Company of the Company of

therefore, expectite the height at which the Barometer multi-thand, where the dir would be as heavy as Gold, and the Number *** Lines, the Thicknet to which our Co-lumn of a Fathoms of dir, would be reduced in the fame

Now, we know, that 4c9640 Inches, or 43518 Fathoms, is only the 74th Part of the Semidianeter of the Earth; and when you are past that, whethere Matters there but hey must be heavier than Gold: The 10th Part of the 10th Part of 10th Part o Journetter, may be hut of come. Joir, nearvier, by minly degree, than the best some Joir, to copyeffed, the new degree, the some Joir is copyeffed, the new deep the first some Joir is copyeffed, the new deep the first some Joir is considered to the first degree of Hire hereafte the Peer of the Spring, and order to public the Joint Joi

digious Exceity of expanding and that fo cafy to be excited whence it must nectifiely but the Particles of the Badies it is mix'd withal, into perpetual Ofciliations. In effect, the Dogree of Heat, and the Air's Gravity and Donafty, and confequently its Elafticity and Expansion, never remaining the fame for two Manues together; there must be an in-ceffant Viberation, or Dilatation and Contraction, in all Bo-

See VIERATION.

dies. See Vieration.

This Recipiocation we observe in several Inflances, particularly Plants, the Traches or Jin-Vessel's whereof, do the Office of Lungs: For the contained Jin alternately expanding and contracting, as the Heat increase or diminishes, by turns presses the Vessel's, and cases 'em again; a and thus promotes a Circulation of their Juices. See Vegetale.

CIRCULATION, &c.

Hence, we find, that no Vegetation or Germination Hence, we find, that no Vegetation or Germanation will proceed in Pacase.—Indeed, Beams have been oblerved to grow a little tentil therein; which has led fome to attibute that to Vegetation, which was really owing to no other than the Dilatation of the Air within cm. See Vegeta.

than the Dilatation of the Ar within 'cm. See VREYE'S.
From the fame Caufe it is, that the Air containd in the
Babbies in Ice, by its continual Action, bartle the Ice:
And thus Glaffes and other Veffels frequently erack, when
their constanted Luquous are frozen. Thus, also, canire Colamms of Marble founctione cleave in the Winter time, from
them Bulbole of included Air's acquiring an increased

From the fame Principle arifes all Putrefaction and Fer-mentation; neither of which will proceed, even in the best disposed Subjects, in Vacuo. See Putrefaction, and Per-

MENTATION.

In this we have a fingular Inflance of the wonderful Efficacy of Air, that it can change the two Kingdoms, and convert Vegetable Subflances into Animal, and Animal into

convert Vegetable Sabitances into Animai, and Animai into Vegetable. See AniMA. G. G. In offeet, all autom Metals, particularly Gold, only from to be darable and incremptibe, in Vitrace of their not being perious to Air.—Accordingly, Names flightly worte in the Sand, or Dull, on the Top of high Monanian, have been known to tennin 40 Years, without being in the Leaf altered or effects. See Cenarurous, Artharason, Ger Canarurous, Artharason, Canarurous, Canarurous, Artharason, Canarurous, Ca

Effetts of the peculiar Ingredients of the Ain.

Epicted on sequentar ingreaterist of the Atta. After not only all by its common Properties of Guristy, and Estilisty, but there are numerous other Effects, sifter from the peculiar lengedients where of it conflish.

Then, "i not only diffuse and attenuate Estimates and the Conflict of Southern South

and condiscrably interacts in weight basing more found of the property of the

Gozh, 95.
Stones alfo ondergo the common Fate of Metals.
Thus, Purbick Stone, whereof Schibbry Cathedral conflist, is observed gradually to become infere, and moudet away in the Arry, and the like Mr. Reyle relates of Biackington in the 2H's and the thee 'air. Projet resides of Discourges's Stence. See Sovers.— He 2646, that Zir may have a no-table Operation on Viroli, even when a flrong Fire could all no further on it. The fame Author has even found the Funcas of a flarp Liquov to work more fuddenly and manifeltily on a certain Meeti, when fulfained in the Zir, than the Mentiruum it felf did which emitted those Funnes, on those Farm of the Meetis it covered.

on those Farm of the Messis it covered.

**2. Air volatiless fixed Bodiles—Thus Sea Salt being first calcined, then fixed by the Fire, and when fused expoded to the Air to liquidity, when liquided fet to day again, then fixed again; and, the Operation thus repetited: will by degrees be almost whoshly evaporated; nothing remaining has a given by the beind. See Volatility, Volatilization,

Eff.

Hittener mentions it as a mighty Arcasum in Calymiltry,
to render fixed State of Tatter valuable: but the thing is
easily effected by far alone; are if none of this State
easily effected by far alone; are if none of this State
easily effected by the fixed the

to the control and the control of requirements, see 2-4°, Add, that Air brings many quicken Bodies into Level, at a caption to the control, at a caption to the control of Days in the intended: Heat of a melting Formace; tho the housingth Fars of the Fire in open Afr, will prefeatly turn it is into Alhea.—Humons adds, that the Charcoal remains all that while without any Alteraction of its black Colory; but that if the minute Afr is let in, it falls industry into white Afres. The farme helds of the Parts of all Alminuts and Vegetables; which can only be calcined in open Afr: is delic Veffest when over become any other than black Coals.

eich Ville der never become any other than black Coale. See Carantarion, Coat, 46°c.

The Art is links on shandares of Aiterstion, nor only in reflect of in Mechanical Properties, Cravity, Denjin, or reflect of in Mechanical Properties, Cravity, Carantarion, Carantario, Ca shift form Cround wherein there were Great Vetter of Mentals, and other Minerals, that the Mentals, that the Mentals, that the Mentals, that the Mentals, that the Mentals was the Mentals of the Mentals

Tho

The like is obligated in Vegetables. —Thus, a good Part of rice Cleve Trees which gove for pleneshing by a characteristic Cleve Trees which gove for pleneshing between the Cleaner effected in the Other, as thread the Ganner effected in the Other, as thread the Ganner effected in the Other, as thread the Ganner Effect of the Effects of the Cover Trees, and their Effectives of the Cover Trees, and their Effectives of the Other Trees, and the Ganner of the Ganner of the Other Trees, and the Ganner of the Other Cover Trees, and the Ganner of the Other Cover the Other of the Other Other of the Other Other of the O

fpicy Bleffoms.

on, has been corrected by me assumance, neflected of their Descriptions of their Descriptions of the Description of the Year—Thus, few full-principus Efflicts are cuited in the Year—Thus, few full-principus Efflicts are cuited in Section of the Year—Thus, few full-principus Efflicts are cuited by Section of the Contractors Real Principus Effects with, that the fame, seed a casing physics—Fixed in it, that of the fame seed a casing physics—Efficient in it, that of the fame seed as Granding Principus Efficient in it, that of the fame seed as Granding Principus Efficient in it, that of the fame seed as Granding Principus Efficient in it, that of the fame seed as Granding Principus Efficient in it, and that the fame, a very delicition Efficient in the Committee of the Efficient in its Efficient in the Committee of the Efficient in the Efficient in the Committee of the Efficient in the Committee of the Efficient in the Efficient in

Impulloon the Barth's Surface becomes more and more power-ful; by which the Glebe or Soil is more and more relaxed, foreas' and putified; till be arrives at the Tropic; where, with the Fore of a chynical Agen, he refolves the fuper-ficial Parts of the Barth into their Principles, Water, Oil, Salt, Etc. which are all fueer into the Atmosphere. And hence we conceive the Nature of Meteors, which are

either Collections of fuch Effluvia, or Difpersions thereof. See Mxxxon.—These Mercors, too, have considerable Effects on the Air; and thus Thunder is known to pur Li-

Effects on the BP γ and thus Thunder is known to part Liest goar upon firemainty afterlin. Quantum of the part of the par

may ble their Plaidity and Monton, floor into Crylini, and Tame Tengen Space, the Left makes a further Africa. He figures grant of the Left makes a further Africa. He figures grant for the Control of the Statistics being few of 'em able to a food above the Tips of high Monastans, as appears from their heaves and the state of the Africa of the whole the Africa of t grow Verminous. The added, that in the Illand of St. yago, they are chilged to expose their sweetmeast daily to the
Sun, to exhale the Moiltare they had contrasted in the
Night, which would otherwise occasion 'em to partify.

On this Principle depends the Strutture and Office of the

Hyprometer. See Hygrometra.

These Divertities in the Air, are found to have an Influence on the Operations, Experiments, &c. of Philosophers,

hience on the Operation, Experiments, &c. of Philosophers, Cammilt, and other Operation.

Than, in very difficult to perheu; in Fran Foing then for a very difficult to perheu; in Fran Foing then for adju to deep us to the Arr. I But an idea, most lift, the Oil comes in abundance—So, all Sult melt: easiert in a cloudy Arr. and when method; all can foi feetily. And Tattrib expedie in a Place where say said Spirit is floating in the Arr, it will inshibe the fame, and of feat Obecome volatile. Hence, the Experiments under 48 Sults at spirit calculate float message when the said of the Arr. and Sults at spirit calculate float message should be come volatile. Hence, the Experiments under 48 Sults at spirit calculate float message should be sufficient from those mode on the fame Subject in other Parts of the Kingdom, when Wood, Part C. der set the valle Fuel Hence also, metallian Utenfile, Cr. rath work forcer at London, than in the Arr, and Termantston, which is early ratified and the the Part and Termantston, which is early ratified and the Arr and Termantston, which is early ratified and the Arr and Termantston, which is early ratified and the Arr and Termantston, which is early ratified and other Barts, where there are fewer acid corrolives Corpulcia in the Airy and Termentation, which is early mitted and cented on in a Place free of Suphar, is impredicted in ferromated. When the center is impredicted in ferromated When be critical time a Place where the Air is replacefully with the Fames of new Wine then ferromating; is will begin to ferromate affelth. So that of Termat feeling, and will begin to ferromate affelth, so that of Termat feeling, and of Nutre, Visited, or Set Sub is properting—The Martier of common Obferration among Procure, Dilliter, Vinegal-makers, Set that as the Time when the feel will be all the properties of the properties of the properties of the top in the properties of the terminal properties of the properties of the properties of the terminal properties of the properties of the properties of the terminal properties of the properties of the properties of the properties of the terminal properties of the properties of

on's fucceeds the boît.—Add, that Stains caused by vegeta-ble juices, are oblicined to be best taken not of Linen, at the Time when the fereral Planas that effort them are in their Frime. This, Mr. Beyle observes, has been experi-end in the Stains of Juice of Quinces, Hopp, etc. which latter, etadling all the enceavours that round by used to get the stains of the control of the stain of the conit out, has vanish'd of it self the next Hop-season.

After all, fone of our more curious and penetrating Naturalities, have observed certain Effects of Air, which do not appear to follow from any of the Properties, or the Materials above recited.—On this View, Mr. Beyle has composed an expect of realition of Suppleions about some undexocus Properties of the Air.—The Phenomena of Fire and Filme in Vacou, feem, according to him, to argue fome odd unknown vita! Subflance diffufed thro' the Air, on Account whereof that Fluid becomes to necessary to the Subfiltence of Flame; but whatever this Substance be, it should seem by its sudden but whatever this dubitance be, it floods teem in the wave walking of ploiling, that the Quantity theceof is very inconfiderable, in proportion to the Bulk of Zir it impregnates with its Vitree μ in regard, when the Elame can no longer fabrill in it, the Zir, upon Examination, is not found to have undergone any Alteration in any of its Properties. See FLAME

Other Inflances to countenance fuch Sufpicions, are, the Appearance and Growth of Salts in many Bodies; which either afford 'em oot at all, or not in that plenty, unless ex-

Appearance and Growth of Sain in many Bodies; when appeare to the diff. Mr. 2014 merits and Mr. 2014 merit SUBTERRANKOUS.

SUBPLEARANCOUS.

To fay no more, the Silks in Jamaica, if exposed to the Air, feen rot; even while they preferre their Colour: whereas, if kept from the Air, they hold both their Firmsels and Dye: And the fable Taffety wom at Airafil, becomes in a few Days of an iron-grey Colour in the Air; but in the Shops preferres its Hae: And Some Leagues beyond the Shops preferres its Hue: And forme Leagues beyond Parigua, white People foon grow tawny 3 but as foon recover their native Colour, upon removing out of that Quar-ter.——Thee, out of a great Number of Inflances tending the fame way, may convince us, that notwithflanding all the Differences hithere made concerning Arr, there fill remains a Field for feture Inquiries. scerning Air, there fill

Air, in Medicine, &c. makes one of the fix Non-Naturals. See Non-Natural, Heaters, Disease, &c. From Observations on Bleeding in Rheumarifins, and ofter taking Cold, 'tis evident, the Air can enter with all its Qualities, and vitiate the whole Texture of the Blood, and other Julies. See Becon.

other juices. See Bloom. From the Falles, Vertigoes, and other nervous Affections canced by Damps, Mines, Etc. 'is evident Air thus qualified can relax and obtired the whole nervous Syftem. See DAMP, Ec.—And from the Cholicks, Fluxes, Coughs, and Confumptions produced by damp, moift, and nitrous
Air, 'tis evident it can corrupt and fpoil the noble Organs,
So.—See further under the Article Armosphunn.

Instate A.r., is a fine serial Subflance, supposed by fome Anatomiths to be inclosed in the Lobytinth of the inner Ear, and to mainstife to the due Conveyance of Sounds to the Senfary, See Lauranter, Sound, and Hearing. But the Existence of such Jonate Air, has of lare been called in question, and even disproved. See Ear.

Arn, in Mufick, fignifies the Melody, or the Infection of Mufical Composition. See Mazona. The Word is also used for a Song it felf. See Song.

Airs, in Horiemanthip, the artificial or practiced Mo-tions of a managed Horie. See Horsemanners. Such are the Demi-volt, Corvet, Caprole, Groupade, Ba-latade, and Step and Leap. See Damivolt, Curvet, Ca-znicle, Salt, Sc.

divide 'em into low, and bigb.

The low Airs include the Natural Paces, as Trotting, Walking, Galloping, and Terra a-Terra. See Pace, Taor,

GALLOF, Sc.

The high, or rais'd Airs, are all fuch Motions as rife higher than the Terra-a-terra; as the Demivols, Curves, &c.

AIR Pump, a Machine, by means whereof the Air may be exhausted out of proper Vesicle. See Air.

The Use and Effect of the Air-Pump, is to make, what

The Ute and Bricca of the Mrs-Pump, as to make, what we popularly call, a Facurum; which, in reality, is only a Degree of Rarchellon furficient to furfeed the critical Effects of the Atmosphere. See the Article Vaccuum. By this Machine, therefore, we learn, in fome mestare, what our Earth would be without an Atmosphere; and how when the Mrs. Survivies Atmosphere and how the Mrs. Survivies Atmosphere and how the Mrs. Survivies Atmosphere and how

woat our Estri would be without an Armosphere; and how much all Viral, Generative, Nutritive, Alterative Power, depend thereon. See Armosphere. The Principle on which it is built, is the Elafficity of the Afry, as that on which it is built, is the Elafficity of the

Hey as that on which the commons Water Furny is tombe-cked, in the Gravity ob the size the fire Pure, more fingly as The Sure of the Sure of the Sure of the Sure of the Sure Theory of the Sure of the Sure of the Sure of the Sure of the Theory of the Sure of the Sure of the Sure of the Sure of the terred that the Sure of the Sure of the Sure of the Sure of the terred that the Sure of Vaccinity is the Sure of the Sure of the Sure of the Sure of Vaccinity is the Sure of t

neonly flex away.
To fly so more, to make Water afcord, the Force wherewith it is preful downwards, it either to be diminified or
interval in one Fry, more than nonther; like a Bhater of
Equilibrio, one of whole Scales may be made to shot and
the state of the control of the state of the
other in the Water, therefore, receded from the common Control of Garaity, by the very Power whereasth it ends towards it, indicately or feedbard particular for that two fimilar cornirectal Force being made other, must have the
First of a Cognitional Flows.—Whereasth have the
First of a Cognitional Flows.—Whereasth he Priorished Service. other, what the one over basances the other, must have the Effect of a Contribual Focco.—Whereas, the Principle where-by Air traffics or diminifiles, does not refpect the Centre of the Farth, but the Centres of its own Particles; being no other than a certain implanted Power, whereby they immediately tend to recede from each other. See Rapat-LING Power.

EMBG PROSEY.

The Investion of this noble Inflrument, to which the prefers Age is indebted for fo many fine Differencies; is as decided to Otto 46 Genrick, the celebrated Contil of Magde-Lenger, who exhibited this first publick Experiments therewith, before the Emperer and the States of Gennasy, at the breaking up of the Imperial Diet at Rasiibon, in the

Dr. Hock and M. du Hamel, indeed, ascribe the Invent to Mr. Boyle; but that ingenious Author frankly confesses de Guerick to have been beforehand with him. Some Atde Gerrek to have been beforehand with him. Some At-tempts, he affures us, he had made upon the fame Founda-tion, before he knew any thing of what had been done abroad a but the information he afterwards received from Schottni's Mechanica Hydraulico-Pneumatica, published in Securing Recursion 1733 and Account of de Guerre's Experi-ments, first enabled him to bring his Defign to any thing of Maturity.—From hence, with the Affiltance of Dr. Hosk, after two or three unfacechful Trials, arose a new Airatter two or three unfacesful Trials, arele a new Ar-Promp's more casy and manageable than the German one : and hence, or rather from the great Variety of Experiments that illustricus Author applied it to, the Engine came to be denominated, the Machina Boyleans.

Structure and Uje of the Arn-Pamp.

The Bafis or effential Part in the Air-Promp, is a metal-line. Tabe, answering to the Barrel of a common Pump, or Syringe; having a Value at the bestom, opening upwards: and a moreable Pitton or Embolau, answering to the Sucker of a Pump, family'd likewide with a Valve opening up-wards.—The whole, doubly fitted to a Veffel, as a Necylean. See Essiouse, Valva, and Recristory—See: allo Stra-tore Essiouse, Valva, and Recristory—See: allo Stra-

The red, heing only Greunflanen chiefly refpeding Cu-veniency, has been diverfield and largored steam times to consider the control of the control of the control Marketon—That of the describe being federateds, laboured under feveral Defects, in refpel of the Force needfary to work it, which was own pract; and the Proper's very five out in the control of the control of the control of the large of Sulphells for Rapertinents. Mr. Byte, by degous, remorted feveral of the fire-ness and alleviated obsers; but fall the Working of his Pump was laboured, by redate of the Profiteer of the Attenue

fiphere, a great part of which was to be removed at every Excue-tion, after a Vacuum was nearly arrived at.—But this Incon-venience has been fince removed by Mr. Howksbee, who ventence has occor lince removed by the Adventises, who by adding a fectord Barrel and Pillon to the former, to rife as the other fell, and fall as it rofe; made the Prefiler of the Atmasphere on the defeending one, of as much ferrice as

the Armstphere on the detecting one, of as much service as it was of differrice in the afcending one. Some of the Germant have also brought the Air-Pump to do the opposite Office of a Condenfer: But this is not to make the Instrument so much better, as more complex,

See CONDENSER.

The Structure of the Air-Pump, as now made among us, with all its Advantages, is repreferred in Tab. Presumeticks, Fig. 16.
It confifts of two brazen Barrels or Cylinders, represented

by a a a a; which communicate with each other by a Canal by means of the hollow Wire b b, one End whereof opens into the Canal of Communication, and the other into a like anal us; which penetrating the Plate iiii, opens into

The Accepter.
Within the Cylinders are two Emboli, or Suckers made of
Braß, and fitted with Cork and Leather to the Cavities for
the Barrels, fo as exactly to fill the fame, cach being in
infill with its Valve, and terminating at top in a Rackes, by which it is to be work'd.

united with the Valves, and communing as only its 3 scheece, by which it is to be of citied Eurel is smoother Valves by which the for may pass out of the communicating Comit Ad, and configurately not of the show Were and the Med. And configurately not of the show Were and the Med. And configurately not of the show where by the Valves of the Piline it may proceed into the university by the Valves of the Piline it may proceed into the university of the Northeam of the Northea ent on the Valve.

been en het Vallex.

In the Milles befag again stilled in in twum, faun in be bronn of the Cylinder to the topy the filled f^{μ} befage led, with a fine of the bronn of the Cylinder to the topy the filled f^{μ} befage led, and the filled f^{μ} befage led, the stilled f^{μ} befage led, the stilled f^{μ} befage led, the stilled f^{μ} befage led to the stilled f^{μ} befage led to the cylinder f^{μ} be Receiving spon the Varlex to befage led to the Cylinder, being now incomfidentible; the colorie, dender f^{μ} of the Receiving et stilled. From the cylinder f^{μ} is the cylinder of the colorie to the cylinder of the cylinder f^{μ} be the Valves, and thus pain into the Cylinder of and f^{μ} of the the cylinder of the Elevation of the Filline, by the Quantity of a Cylinder full sharing for what rime crunial of between the depreted paration again and again; the f^{μ} in the Receiver is at frequency of the Cylinder full sharing for what rime crunial of between the depreted paration again and again; the f^{μ} in the Receiver is at frequency of the Cylinder full sharing the cylinder full sharing the cylinder full sharing for what relative to the cylinder full sharing for the cylinder full sharing This done, and the fame Piston being again raifed in its

a Gago, II 5 continues of a Tube, whose upper Orisice communicates with the Receiver, the lower being immerged in a Basin of Mercury, as m—Herec, the Air in the fact has the Tabashar Tabharillen advances, the Mercury will be saided by the Prefixer of the Column of external Air, prevailing over that of the Column of Air riculated 31, the Column of Air, and Mercury together, become a Balaver or that of the external Air. When the Mercury is the column of Air, and Mercury together, become a Balaver or that of the external Air. When the Mercury is the to that of the external Air. When the Mercury is thus rifen to the fame Height as it finds in the Birometer, which is indicated by the Scale of Inches added to the Gage; the Inftrument is a just Torriccilian Tube; and the Vacuum may be concluded to be as perfect as that is the upper End of the Berometer. See Barometer, and

To let Air again into the exhaulted Receiver, the Cock as is to be turn'd; which makes a Communication with the external Air; upon which the Air rufhing impetuously in, the Mercury in the Gage immediately fubfides into the Bason.

To the Air-Pump belongs a large Apparatus of other Veffels, accommodated to the divers Kinds of Experiments. See APPARATUS.

Laws of Rarefaction in the Receiver of an Air-Pump-1°, For the Proportion of Air remaining at any time in the Receiver, we have the following general Theorem.

Theorem, in the Memores de I Jeed. R. An, 1795, p. 357-but it may be allo demonstrated pneumatically, thus: Calling the Air remaining after the first Stroke, the first Refelant; that after the Icond, the feomal Residual, Sc. and remembering that the Air in the Receiver is of the firm Dentity as that in the Cylinder, when the Pitton is sied eremelsteing that the Arv In the Receiver is of the fine Denlity as that in the Cylinder, when the Pillon is refined Denlity as that is the Cylinder, when the Pillon is realised in the Country of Arriva the Receiver and Cylinder, the Cylinder, the Receiver and Cylinder, the Receiver and Cylinder, the Receiver and the Arriva the Receiver Arviva the Cylinder, the Receiver and the Arriva the Receiver and the Arriva the Receiver and the Cylinder, the Cylinder, the Cylinder, the Cylinder, the Cylinder, the Cylinder, the Receiver and Cylinder, to the Cylinder to the Cylinder, to the Cylinder to the Receiver and Cylinder to the Cylinder to the Cylinder to the Receiver and Cylinder to the Receiver and Cylinder with the West Cylinder to the Cylind

to the Air remaining. to the Assembling of the Capacity of the Receiver, Substact the Logarithm of the Capacity of the Receiver and the Cylinders, then, the Reminder being multiplied by the Number of Stuckes of the Filton, the Product will be a Logarithm, whose Natural Number flows how of the pri-

mitive Air contains the Remainder requir'd. Thus, if the Capacity of the Receiver be 460, that of the Cyinder \$80, and the Number of Strokes of the Pitton 6; the primitive Air will be found to the remaining Air, as

146/ r_s to 1. For Juppole the Capacity of the Veffel $= v_s$ that of the Cylinder and Veffel together, $= s_s$ the Number of Strokes of the Fifth $= m_s$ and the remaining $M_T = t_s$. Since the Printitle is to the remaining M_T as s_s to v_s ; the primitive $m_s = t_s$ and $m_s = t_s$. Air will also be to the remaining Air, as a : o to 1. Consequently, if the remaining Air be 1, the Logarithm

of the primitive Air is a - v × n.

3°, The Capacity of the Receiver and the Barrel being given; to find the Number of Strokes of the Pifton required

given in find the Nember of Storder of the Photo are being from a mind the Nember of Storder of the Photo are might the Arm a given Degree.

Subserd the Logaritim of the rectaining 45 from the Conjective of the That a kindled Charcoal is totally extinguish'd in about five That a findled Charcoul is totally extinguist by in shoot five Montest, the in open dir it remain alike buff an Bourg and Montest, the in open dir it remain alike buff an Bourg and the Cuttleta.—That recludes Iron is not affected by the Ab-force of the Airy, and yet not buggbare of Gongouder Ab-force of the Airy, and yet not buggbare of Gongouder and and provided thereby, but only lifed.—That a March, and the provided of the Airy of the Airy of the Airy of again upon the Re-admittion of the Airy—That a Findle Steel fifthet Smitz of Fire as copiously in Facus as out of its and that the Bayta more in all Directions, queued, but and and that the Bayta are on the Airy of the air and the Airy of the Airy of

3 In a Vegle exhapt by the Air-Pump, the primitive world, (Gr. here, 'sain the fire—That Mappets and Magnets and Air assistant therein, it is the Air remaining, notick Needles, are the lime in Years as in the Air remaining, notick Needles, are the lime in Years as in the Air remaining, notick Needles, are the lime in Years as in the Air remaining, notice in an exhaulted Recovering to the Air remaining being on the Air Recovering the Air Recov

be produced by Attrition in the exhaulted Receiver. be produced by Aurition in the exhibited Receiver— That Camplier unit on the few in Foors; and that Gon-pouler, the foor Grains of a Heap be kindled by a Berning glid in Fears, will not give Fee to the count-gauss Grains.—That Gow werms loft chief Light, in proportion as the first is chaired; and at length be upperformed to the first chairman of the first produced for the chairman of the first produced of the profession of the first produced the first produced in Feen Board and the first produced and and the feeningly first deed in that time, come to Life and the feeningly first deed in that time, come to Life again in forme Hours in the Air .- That Snails furvive ten

or that Figure

or him Figure.
The chiefy the Divertity in the Afraeger, that makes the
different Kinds of Fournisin—And hoose, by having loveral
Agency to be applied coefficially, one Fournish comes to
The vorsion first of Ainages, their Stratiffers, Applietries, the few land of the Verb Afraeter, negligible
AKOND, an Officer of Julies in Priffy, then takes one
AKOND, an Officer of Julies in Priffy, then takes on of Contracts, and other Civil and Verbrane, and Widensey, of Contracts, and other Civil and Confirmation of Concontracts and other Civil and Confirmation of Concontracts and Confirmation of Confirmation of Concontracts and Confirmation of Confirmation of Confirmation of Con
contracts and Confirmation of Confirma

tracts, and other Givil Concerns.—He is Head of the School of Law, and gives Lectures to all the fabilities Officers, he has his Departes in all the Courts of the Kingdom, who, with the fecond Scades, make all Contracts.

AL, an Arabiok Particle, prefixed to Words to exalt or give them a more emphatical Signification.—As, in Alchymy, Algebra, Ge.

The foft, spongious Bodies in the Pudendum Muliebre, usually called the Nymphe, are also denominated Ale. See

The two Cartileges of the Nose which form the Nostrile, are also called Also. See Nose, and Nostree.

And the same Denomination is given to the Top of the

And the same Denomination is given to the 2 op 9 and Auricle. See Auxicle, and EAR.

Alta is also used in Botany, for the Angle which the Leaves, forthe Stalks or Pediciles of the Leaves, form with the Stem or Branches of a Plant from which they arise.

CLEAVE, Sc. This Angle is ofusily acute, and always directed up-wards.—The fame Name is occasionally applied to the An-gle form'd by the Branches themselves, with the Stem; which is also observed to be very regular and uniform. See

Baasen, in the Milliary Ast, are the two Extremes of an ALLA, in the Milliary Ast, are the two Extremes of an ALLA, in the financy Best-feet from the Company and the ALLA BASTER, ALLA BAS

Sec ONYX.

Alabaster

(56) ALC which we live in ; and the roll of the Manichean Teners.

Minbaffer cuts very Imouth and easy, and is much us'd mong Sculptors for little Statues, Vales, Columns, &c. Sec STATUE, FOUNDERY, &c.

They fournmes allo employ it like Plaifter of Paris: in order to which, they burn and calcine it; after which, mixing it up with Water to a thin Confiferee; it is caft into a Mould, where it readily congulares into a firm Body.

See FLAIRTH.

Ablefiler, Mr. Beylt olderves, being finely pouder'd, and
thas for it a Baisn over the Fire; will, when hor, affum
the Appearance of a Flaid, by rolling in Waves, yielding to
the finallest Touch, and emitting Vapour; all which Properties it lotte again, on the Departure of the Heat, and
different it felf a mere incherent Pouder. See Freir, and Some derive the Word from the Larin sibus, because of the Whiteness of this Stone.—Others, from the Greek sha-dency, which they form from the Privaire a and sage say, copies; this Stone being too smooth and slippery for the

Hund to faften hold of it. The Alabaster Box of precious Ointment, mention'd in St. Matthew XXVI. 1. Mark XIV. 2. and Luke VII. 37-has given the Criticks and Interpreters fome Pain.—To sup-

has given the Criticks and interpreters fome rain.—10 inppofe in a Vale of Alabefer, does not feem conflictor with
its breaking to eafily, as is intimated by St. Mark.
F. Kircher, in his Ocidip. Agap. notes, that Alabefer,
Alabeferm, was not only used for a Vale of oderiferous Li-Makaijiram, was not only used for a Vale of odoriferous Li-quer, but allo for an Egyptian Meafare, containing nice Koft, or Egyptian Pounds; amounting, according to his Computation, to 24 Romas Sextatics, or Pounds. See Makasura, Whichir, &c. ALABASTRA, in a Plane, are those little green Leaves which compais in the bottom of the Flower. See Ca-

LYX, Sc.

ALAISEE, in Heraldry. See Humetty. A-LA-MIRE, in Musick. See Note, and Gamut. ALAMODE, a fort of Silk, or Taffety. See Stupp,

ALANOBAR, a lort of Sir, or larrey. See Stuff, Sirk, Tafferty, &c.

ALANORARIUS, in our antient Cuftoms, a Kcepet or Manager of Spaniels, or Setting-Dogs, for the Sport of Hunting, Hawking, &c. See Huntine, and Hawk-

The Word is form'd from the Gathie Alian, a Greybound, ALARES, in Austiculty, are furposed by fome Authors to have been a kind of Militin, or Soldiery among the Remount is called from Alia, a Willing, because of their Light-Cohen make home a Fough of Personnic 1 but others, with more probability, take Aliares fee an AdigGRee or Epithetia and apply in to the Remous Covery) because figure in the condition of the Aliany is the Alian Alian and the Alian and Alian an

RY, Co. ALARM, a Signal given by Shouts, or by Inflruments of War, for the Soldiers to take to their Arms, at the unexpec-

ted Arrival of an Enemy The Word is form'd from the French & l'arme, to your

ALARM-Poft, is the Ground appointed to each Regiment, by the Quarter-Matter-General, for them to march to, in case of an Alarm.

In a Garison, the Alarm-Post is the Place where every Regiment is order'd to draw up, on all Oceasions. See

ALB, ALEA, Anten, antiently called Camifia, a Robe or Vertment of white Linen, hanging down to the Feet; wherein the Remifi Priefts perform divine Service.

The All corresponds to the Surplice among us.-It takes its Name from its Colour, albus, white.

ALBA Firms, or Armus, was a yearly Rent, payable to the Chief Lord of a Hundred; fo called, because paid wholly in white Money, or Silver, and not in Corn, which

wholly in white Money, or Silver, and not in Gorn, which was called Black Mail.

ALBIGENSES, a Sect or Party of Reformers about Tholones, and the Milipeots, in Languardoe, who, in the XIIth Century, became remarkable for their opportion to the Differpine and Ceremonica of the Church of Rome.

See REFORMATION.

See REFORMATION.
They were allo known by various other Names; as, the
Petrebruffiens, Arnoldslit, Gatheres, Patarius, Publicast,
Tifferant, Bon-hommens, Paligerry, See.
Tis petended, they received their Opinious from Bungaria, which having been indeed by the Pathicians of Arments, diffuled the fame into Italy, Germany, See, and that
Peter Trays was the fift that brought can into Canguadae, about the Year 1126. See Parmornussian.

The Rossanifts tax them with abundance of heterodox Opinions; as, for inflance, that there are two Gods, the one infinitely Good, and the other infinitely Evil: That the good God made the invitible World, and the Evil one that

See MANICHEL But this fccms rather one of those pious Frauds allowed particularly to that Church, which citcoms it a kind of Meric

to blacken Hereticks.

However this be, the Albigenses grew so formidable in a little time, that a Holy League or Croizade was agreed upon among the Catholicks; and War denounc'd against them, among the Catholicks; and War denounc'd against them, the Pope himself railing the first Standard—In 129, a Peter was struck up, and an Inquisition (shiblish'd at Thomas, from which time they dwindled by little and little, till the Times of the Reformation; when fach of them as when the left, fell in with the Vandous, and became conformable to the Doctrino of Zuinglins, and the Dicipline of General

See Vardors.

ALBUGINEA, in Acatomy, the outermost Coat or Tegament of the Eye ; called allo the Advasta, Conjunctive,

See. See Annara, Conjunctiva, See. its Whiteness; it

It takes the Name Advagines, from its Whiteness; it

being this that forms what we call the White of the Eye. Sec Err.

The fame Term is also applied to the Membrane imme-diately encompassing the Testicle. See Testicle, and SCROTUM.

Sergive.

Albugo, or Album Oculi, the fame with the Albagines, or Write of the Pye. See Exs. Albusonsa, Ele.

Albugo is allo a Bilicafe of the Eye; otherwise called

Lencoma, and populatly, Pin and Web. See Lencoma, PIN

and I'M.

The Albrgo is a whitish Speck or Film, growing, fay some Authors, on the Cornea 3 and obstructing the Sight.

Others, more justive, place the Albrgo on the Albrgonea 3 by this distinguishing it from the Pterzgium, which is a similar

Speck on the Cornea. See PTERVOIDM.
It ofteneft arifes as a Sear, after an Inflummation or Uleer
in the Part; particularly in the Small Pox.—The Cure is
the fame as in the Pterygium.

the isme as in the Prerygium.

ALBUM Gracome, or Stereut Canis Officinale, Don white Dung, is a Medicinal Drug, in the prefent Practice, used with thomey, to cleanfe and detorge, chiefly in Inflammations of the Throat; and that principally outwardly, as a

an injection in some auxiliary for combinisating freak Wounds, and preventing too great a Los of Blood. ALBURN Colour, Brown. See Aururn. ALCADE, or Arcaling, or Arcalin, in the Spanish Fo-licy, a fort of Judge or Minither of Judice, answering to a Provoil. See Favour.

The Spaniards borrow their Aleade from the Saragen Al-

ALCAICKS, in the antient Poetry, a Name common to feveral Kinds of Verfes; thus called from the Poet Alexus, the Inventor thereof. See Verse. The first Species of Alcaicks, confists of two Dactyls and

two Trochecs : As, Exilium impositura combe.

There is another Kind, confiling of five Feet, of which the first is a Spondee or lambick; the second an lambick; the third a long Syllable; the fourth a Dackyl; the fifth a Dackyl or Amphimacer: As these of Horace, Omnes codem ergimur, omnium

Verfatur urna, ferius, ocius Sort exitura.

Besides these two Kinds of Verses, which are call'd Ascaick Dallylies, there is a third fort, called fimply Alexick; whereof the first is an Epitrite, the second and third Choriambus's, and the fourth a Bacchins; as,

Cur times fla vum Tiberins | tangere ? cur | olivum?

The Alexaen Ode, confids of four Strophes, each of which contains four Verfes; the two first are Alexaek Verfes of the second Kind; the third an lambick Dimeter Hyper-catalectick, i. e. of four Feet and a long Syllable: As, Sors existera, & nos in eternum

The fourth is an Alesiek of the first Kind,-The entire Alcaick Strophe is as follows:

Omnes codem cogimur, omnium Verfatur urns, ferius, ocius Sors exiturs, & nos in eternum Exilium imposturs cymbe.

ALCADE. ALCADE.
The Juridiction of the Alcaid is fovereign, both in Civil and Criminal Concerns; and Flores and Panishment lie wholly at his Doos.—The Word is formed of the Particle Al, and the Verb NT kad, or akad, to govern, rule, advisors.

MIGHIET.

ALCALI, ALCALY, or rather ALKALY. See ALKALY.

ALCALIZATION, or ALKALIZATION, Medicasto, in
Chymidry, the AR of imprognating a Liquor with an alcatime Salt. See Alkaly.

Inter Sait. See ALRAY.

This is done either to make it a better Diffelvent, for fome particular Purpoles; or to load the Phiegm, fo as it may not rife in Diffillation, whereby the fightruous Parts may go over more Pure. See Dissouvios, Distributions Saits.

ALCANTARA.

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the spin which they changed their was, and took be Decembration of Kengles of Heateneys. After the Espaision of the Moors, and the Taking of the Heateneys of the Other of Heateneys, and the Stating of the State of the Heateneys of the Other of Heateneys, and the State of Heateneys of the Other of Heateneys, and the State of Heateneys of Heat

Greek yous, Coymiley,
The Name Albeymy is of no long flanding: The first
time its occurs, is in Julius Firmicus Maternus, an Author
who lived under Coulfantine the Great, and who in his Mathosis, C. XV. Ipcaking of the Influences of the Heavenly
Bodies, affirms, "that if the Moon be in the Heaving of
a Sattern, at the Time a Child is born, he shall be failed
in Alcharus."

in Acceptary.

The great Objects or Ends purfued by Alelymy, are, 1°,
The making of Gold; which is attempted three different
ways: by Separation; by Maturation; and by Transinutation; which last is to be effected by means of what they
call the Philosopher's Store. See Gold.—See also Trans-

call the Philosopher's Nove. See Gold.—See also Trans-Mutation, Philosopher's Nove. Rec. With a View to this End, Alelyzay, in some antient Wri-ters, is also called **servina, Philosopher's and Xnovenuese, Chryspherice, 9. d. the Art of making Gold.—And hence also the Artists themselves are called **serva*, Posts, Makers*, and zeromman, Gold-makers.

2°, An Universal Medicine, adequate to all Difeafes. See

go, An Universal Diffolvent, or Alkaheft. See Arka-

21127.

4°, An Utiverfal Ferment , or a Matter which being applied to any Seed, fluil increds Its Feunsility to Infinity to Its proposed to Gold in the best of Gold in the best of Gold in the Its proposed to Gold in the Its proposed in Gold in Gold in the Its proposed in Gold Infinite in the Its proposed in Gold Infinite in multiple in Gold in Gold

The Origin and Antiquity of Morpins are much conserved—if regard may be had to Eggend and Tradition, it mult be as old as the Flood; may, Adam bimidf is repeticated by the Alchymyl, as an Adept. A great part, nor only of the Heathen Mythology, but of the Jewills and old and the Markey and the Heathen Mythology, but of the Jewills and old and the Markey and the Alchymylls of the Alchymylls of the Heathen Mythology and the Fibiliopher's Steme coach'd in the Eather of the Alchymson's other facilities and in the Books of Most, &c.

But, if the Am of the Art be examin'd by the Mona

But, it the man of the rice of a deal of this fancied Anti-quity.—The learned Dane, Ol. Borriebins, has taken im-mente Pains to prove it known to the antient Greeks and

mode Pata to preve it known to the andrea Greekt and Egyfriata. Her. Curniyate, eet to course, with equal habdred, subtracks to the win Novelty.

In effici, note on of the anticat Press, Philosophen, or In effici, note on of the anticat Press, Philosophen, or In effici, note of the anticat Press, Philosophen, or any fact help.—The first Author who foodbard the long and the Perspetters, who freed the season Goods in Zezumu the Perspetters, who freed towards the Engineering of the Vth Contary, and who has an expect Pressile, were not see report a year or a payor sensing Pressile, who will be a report a year or a payor sensing the pressibility of the press of the pression of pression of

sest Geress, souther Greck Weiter, tourch the Dolle of the finen Country, in whom we have the following pidings: 48 Such as are fulfild in the Ways of Nature, on the Silver 18 and This, and changing their Nature, time 'an into Gold, "and This was a supplier that Nature, time 'an into Gold," and the supplier than the neas Garens, another Greek Writer, towards the Close of

tion is made of "a Medicine which enter all Leptari This Paffage from Authors fuppole to have given the first Hint of the Matter; the Gelev's limited, perhap, meant to luch hing: For, by attending to the Arbeick Sittle and Diction of this Author, which abcounds in Allegory, it appears highly probable, that by Maru he mean Code, and by Leptas or Difficult, the other Metals, which are all impaire in central control of the Author, which also made the real ill mapure in central control of the Author and the Author parifon of Gold.

parties of Gold.

Sindia accounts for this total Silence of Authors in refpect
of Adolyses, by-obleving, that Discirlation proceed all the
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Kinth. But, he sidd, this Streets were never worse down or made policit, but confined to the Royal Family, and handed down radditionally from Father to Son.

The chief Four advanced by Burnershire, and on which has been also be the greated threat, in the Attempt of Calibration and the side of the side of

rated from the Mineral. See ORFINENT.
The principal Authors in Alelysay, are Geber, Edia Zecon, Ripley, Lully, John and Jiane Hollandan, Eafil Valentine, Paracellin, Van Incheten, and Centingsio.

ALCMANIAN, the Name of a kind of Verfe, composid of three Dactyls and a long Syllable; as,

Munera, letitiamque Dei.

ALCOHOL, or rather ALEGOL, in Chymistry, an Arabic ALLOHOLL, or rather ALKOOL, in Chymittry, an Aresic Term, chicity underflood of the puret Byirit of Wise, ridde or rectify'd by repeated Diffillations to fix atmost Subility, and Perfection, is that is 'Fire he fet thereo, it burns who ly away, without leaving the leaft Phiegm or Faxes behind. See SFIRIT, DISTILLATION, RECTIFICATION, &c.
The Word Alcohol is fometimes also uted for a very fine, palpable Pouder. See Powder.

The Word is form'd from the Arabic or Hebrew 500 Kasi, to leften, attenuate, fubtilize.

ALCORAN, the Mahometan Gofpel; or the Revelations, Prophefics, &c. of the Imposter Mahomet. See Ma-

cions, tropicated, oc. or the imposter histories. See Ma-rostitabilists.

The Word Mouran is Archick, and literally denotes ei-ther Reading, or Collection; but 'this in the fifth of thefe Senfes that the Mouran of Missouri terms bett under-tended, Missouri purposing to have his Book, call'il Read-ing, by way of Eminence; in imitation of the Feers and Chriftians, who call the New and the Coll Tellamont Writing. Scripture, DIDD Books, on Sulkia, on the fame account

Sce Scripture, and Bisie.

The Multiment allocal it NOTED A Alpharkan; from the Verb PTD Pharaca, to diffinguish: either by reason it makes the Diffindton between what is true, and false, or between what is lawful to do, and what moe; or elle on account of its containing the Divisions, or Heads of the Vann, in which notes have industrial the directory when Law: in which, again, they imitate the Hebrewi, who give divers Books the like Name Coping Perakim, q.d. Capita, Capitula, Chapters, Heads; c.g. the רובו ארום ברנו Parrum; ברנו ארעור Capitula Rabbi Eliczer. Laftly, the Alcorea is also denominated Alzeebr, Adverislement, or Remembrance; as serving to retain or retrieve the Knowledge of the Law.

'Tis the common Opinion among us, that Mahomet, af-fifted by one Sergius, a Monk, composed this Book; but

the Antifinations believe it as an Article of their Paith, that the Propher, who they fly was an illiterate Man, had no hand in it, but that it was given by the Angel Gal-bertel, that however it was communicated to him by little and little, a Verfa at a time, and indirected Places, during the Confre of 3 y Years.— And hence, for judy, proceeds that Diffucte and Constitution In Diffuse has the con-

truth, Disoner and Containon vitable in the Work; which, in truth, is fo great, that all their Docken shave never been able to adjult it. For Mobourer, or rather his Copill, having per all thefe look Verfes promifecoully in a Book together, it was imposfible ever to retrieve the Order wherein they were delivered.

they were deliverid.

Thefe a 5 years which the Angel employ'd in correcting the American to Molomer, are or wenderful Service to the Federowera in Landson and the American Service to the Federowera in Landson and the American Service the Control Doctrines out of the Scriptures: And it was hence, that the
Alterna became so full of the wild and erroneous Opinions
of rhose Hereticks,

The Jews, allo, who were very numerous in Arabia, contributed their Quots to the Alexans; nor is it without fome Readon that they booth, weeke of their chief Doctors to have been the Authors of this deteflable Work.

The Alceren, it is to be observed, while Mahomer lived, was only kept in loose Sheets: His Successor, Abubeker, first collected 'em into a Volume, and committed the keeping thereof to Haphya, the Widow of Mahamet, in order to be confeited as an Original. And there being a good deal of Diverfity between the feveral Copies already differed threout the Provinces; Ottoman, Succeffor of Abuboker, procurd a great Number of Copies to be taken from that of Haphia; at the fame time suppressing all the others not conformable thereto.

The chief Differences, then, in the prefent Copies of is Book, confift in the Points; which were not in ale in the Time of Mahomes and his immediate Successions, but were added face, to ascertain the Reading; after the Example of the Massociety, who put the like Points to the Hebrew

of the Mafferests, who put the last round of the Text of Scripmer. See Forsts.

The Work is divided into first verses, or Chapters; and the Sarates fished into Into Verses, which are all composed in a broken incrmpted Style, refembling Profe rather than Verse.—The Division into Surates is but of a late fitnding: The usual Number of 'em is 60.

The usual Number of 'em is 60.

There are feven principal Editions of the Alecran; two at Medina, one at Mecca, one at Coufa, one at Barjora, one in Syria, and the Common or Vulgate Edition. The first contains 6000 Verfes; the others farpaffing this Number by ters is the fame in all, viv. 77639 Words, and \$23015 Let-

EER. SEC MASSORTES.
The Number of Commentaries on the Meeren, is fo large, that the bare Titles would make a hage Volume. The Office of Selvid has worse the Hilberty thread, instead of the Meeren of the Meeren of the Meeren of Teachies, Learnetic Selvid in Meeren of Teachies, Learnetic Selvid in Meeren of the See Massoretes.

METANISM, Go.

The Mabametans have a positive Theology, built on the Alcoron and Tradition; as well as a Scholaiti on Reason. - They have likewise their Casuits, and a kind

on Realon.—They have likewise their Calmits, and a kind of Cinon Law, wherein they distinguish between what is of divine, and what of positive Right.
They have their Beneficiaries too, Chaplains, Almoners, and Ginners, who read a Chapter every Day out of the Jd.
They have their Beneficiaries where the control of the proposal in the Modjeue; and have Preceded for the doing.—
The Hatth of the Modjeue, is what we call the Parish, and the Scheles are the Peachers, who take their Text out of the Alcoran.

Among the Perfiant, Alcoron likewife fignifies a kind of ower, or Steeple; very high and narrow; furrounded Among the Parjams, Movem necessic regimes a annu or Tower, or Steeple; very high and natrows farrounded without by two or three Galleries, one over another; wh mee their Moravites or Priedis repeat their Prayers thrice a Day, with a very load Voice; making the Toer of the Gallery all the while, that they may be the better heard all

ALCOVE, in Building, a part of a Chamber, separa-red by an Estrade, or Partition of Columns, and other corresponding Ornaments; in which is placed a Bed of State, and fometimes Scats, to entertain Company.

The Word is deriv'd from the Spanish Alcoha; and that from the Arabick Eleans, a Cabinet or sleeping Place; or

from Elcobst, a Tent. ALCYON. See I

ALCYON. See HALCYON.

ALDEBARAN, an Arabian Name, for a fixed Stir of the first Magnitude, in the Head of the Sign or Confiellation Tanrus, or the Bull 3 and hence popularly called the

lts Longitude, Latitude, &c: fee among the reft of the

(Is Longitude, Latitude, See Jee among the visi of the Confidential Taylors. ALDERMAN, an Afficiate to the Mayor or Civil Magificate of a City or Town, for the better Administration thereof. See Ciry, Town, U. Town, U.

and moil of the municipal or incorporate Towns, who form a kind of Council, and regulate Things relating to the Policy of the Place.—They formetimes also take Cognizance of Civil and Criminal Matters; but very rarely, and only in certain Cafes.

Their Number is not limited; but in some Places more, some less, from 6 to 26.

Our of these are annually elected the Mayors or chief

Out of these are annually elected the Mayori or chief Magistrates of Places; who, at the Expiration of their May-oralty, return again into the Body of the Aldernacu, whose Delegates they were before. See Mayon. The 26 Aldernacu of London, preside over the 26 Wards

the City. See WARD.

When any of 'em die, the Wardmore return two, out of which the Lord Mayor and Aldermen chafe one.

which the Lard Mayor and Atternate that one.

All the Atternate risks have been Lord Mayors, and the
three client Atternate who have our yet arrived at that Digthree client Atternate who have our yet arrived at that Digformerly, here were also Atternate of the Merchant, of Hodjatal, of Handsch, Cr. See Saxarvan.

Formerly, here were also Atternate to the Merchant, of Hodjatal, of Handsch, Cr. See Saxarvan.

Formerly, and the See Saxarvan.

Formerly was the first, Atternate the forced, and These
The Atternate was the time a one force of Court yellow

Appellation, after King, Athelfant, Time, one place is
in the Time of King, Edger, Atternate was also be defea Judge, or Politez—In this Senfe, Menis Sen of Electtraverset, Theological was also considered and the court of the Court of

interprets, Jufliciarius Anglie.
Thomas Elienfis, in the Life of St. Ethelred, interprets Themse Eliculis, in the Late of St. Electrical, interprets Alderman by Prince, or Come, r Egelevinus qui expansionatus eft Alderman, quad intelligium princeps five comes—Matthew Paris, in lieu of Alderman, quat the Word Fujille ciarins; and Spelman observes, that it was the Norman Kings, who, inliead of the Saxon Alderman, introduce due Word Fujille.

Word in its original, is compos'd of Alder, Senior or Elder, and Man.

ALE, a popular, or Beverage Drink, made from Malt.

ALL, a popular, to Committee the Method of Brewing Ale, fee Brewing Ale, fee Brewing Ale is chiefly diffiguiffed from Beer, another potable Liquor made from the fame loggedients, by the Quantity of Hops feel therein a which is greater in Beer, and therefore renders the Liquor bitterer, and fitter to keep. See Bres, etc. Hors, &c.

rendern the Jaspier Botteer, is an inter to see Fisc. We have been a fine of the first of the fi

the Vificera. Dr. Butler's Purging Ale, is prepared of Polypody, Sem, Britler's Purging Ale, is prepared of Polypody, Sem, Sarfaparilla, Anifeceds, Scarrygrafs, Agrimony, and Meidenhair, pet up in a Bag, and hing in a Veffel of Ale, We allo meet in forme Difpendatories with Syrop of Ale,

we are meet in tome Dispensionles with Syrop of Me, made by boiling that Liquer to a Confidence; wied against Obfractions in the Kidneys, Sc., Ar. Herry, is Ale boild with Bread and Mace; sweet-ned, frain'd, and drank low ALE-Meafure. See MEASURE.

There are four of them, and they are choice by the Com-mon-Hall of the City. See MEASURE.

mon-Hall of the City. See Measurs,
Alle-Siber, a Rent of Thibute yearly paid to the Lord
Mayor of London, by those who fell If within the City.
Alle Taller, is an Officer appointed, and twens in every
Court-Lect, to look that there be a due Size and Goodless
of Bread, Ale, and Beer, fold within the Jurislikthon of the

See Assize, &c. Lect. See Assizt, &c.

ALECTORIA, in Natural History, a Stone fometimes found in the Stomach, Liver, or rather Gall-Bladder of old Cocks. See Stone.

It is ordinarily of the Figure of a Lupine, and feldom exceeds the Bignels of a Bean.—It has abandance of Virtues attributed to it, but most of them are fabulous.

The Word is derived from \$\delta\int def{a}_1\$, \$\delta\int def{a}_2\$.

ALECTOROMANTIA, an antient Kind of Divination, perform'd by means of a Cock. See Divination.

This Art was in use among the Greeks; and the manner of it was this.—A Circle was made on the Ground, and divided into 24 equal Portions, or Spaces; in each of which Spaces was written one of the Letters of the Alphabet, and upon each of thefe Letters was laid a Grain of Wheat.

This done, a Cock was turn'd loofe into the Circle, and careful Oblevation made of the Grains he peck'd.—The Letters corresponding to those Grains, were afterwards form'd into a Word; which Word was to be the Answer defired. anto a word; which word was to be the Aniwer defreed.

Twas thus that Librarius and Limbilicious Sought who
should faceced the Emperor Falons; and the Cock earing
the Graits andwering to the Spaces 8000, they concluded
upon Thousand, but by a Miffake infload of Thousafula.

The Word counce from the Greek Asialus, a Cock, and

Inc word comes from the Greek deader, a Cock, and publis, Divination.

ALEMBICK, or Limebers, a Chymical Veffel, confiding of a Mattals, fitted with a roundiff, Head, perforated in a floping Tube, for the condended Vapours to pair thre' in Diffiliation. See Cucuraty, and Discrete deader.

The Head or Capital of the Alembick, is formetimes in-compaffed with a Veffel fall of cold Water, by way of Re-ffigeratory; the this Intention is now more commonly an-fwered by a Serfection. See Reprinceration, Serfe

TINE, Sc.
Thea are divers Kinds of Alembicks: Ao Open Alembick, where the Capital and Caurbit are two feparate Parts a Ritual Alembick, or Blind Head, where the Capital is feeled Hermetically upon the Caucitit, Sc.
The Word is formed of the Arabick Particle Al, and the

Greek 2485, a fort of earthen Veffel, mention'd by Atheneus,

Greek expect, a fort of carthern Veffel, memional by Alberneux. The, Marthern Situation, in his Pandel? Medicine, affects the Word Albudoist to be Arabick, and hast it literally denotes the toper Part of a dilliting Veffel.

ALEXANDRINE, or ALEXANDRIAN, in Portry, the Name of a kind of Veffe, which condits of resulve and thirteen Syllables alternately; the refl or Paule being always on the first by Silables. See Versas.

on the instituy splinible. See VEREE.

It is faid to have taken its Name from a Poem on the
Life of Aleastader, inititled, the Aleastaderiad; written, or
ac least transfared into this kind of Verfe by some French
Poets; the others will have it denominated from one of the

Translators, Alexander Paris.

This Verse is thought by some very proper in the Epopea, and the more sublime Kinds of Poetry: for which Rea-

fon it is also called Heroic Verse. See Henoic.

It answers in our Language to the Henometers in the Greek and Latin.—Chaspman's Translation of Homer, con-

ALEXIPHARMIC, in Medicine, expresses that Property ALEAFHARMIC, in Medicine, expectites that Property which a Remedy, either finiple or compound, hash to refit; or defirely every thing of a polifinous Nature: For the Antients had a Notion, that there was Polition in all malignant Difestics, and in the generality of those whose Cause is unknown. See Poisson.

Alexiterial, Cardiac, Autidate, Alexipharmic, and Coun-terpoifin, are all Terms of the fame Signification. See An-

TIDOTE, COUNTERFOISON, &c.

Alexipharmics are ordinarily divided into fuch as are general; and those more particular, supposed only to combat

Are Country, an Officer in the City of London, whole forme particular Difease.—But this Division is founded more Business is to inspect the Measures of the Publick Houses.— on Speculation than Experience.

Alexipharmic Medicines, contain a great Number of vo-latile Parts, and fuch as render fluid the Mals of Blood. The lattle farts, and tuch as render fluid the mais of Blood. The greatest part of them are aromatick, and pangent to the Tafte. See Aromatric.—Among the rest, it is true, there are forme acid Plants and Juices; but their are only reckon'd in the Number, on account of their Ufe in maig-

nant, colliquative Fevers.

Nection in the sequence, on eccount of their tute in multiparties, and the sequence, and except the sequence of the sequence o

Water was pat, for the Accuracy to promo-tice. Helway by way of Teils of Pagation. See WAYRIATY as Peaker program of Teils of Pagation. See WAYRIATY a Peaker program of Barrier and Market Allowed Allowed in wo more than the Recyclic of that Mineral, dislored in Acids, and feparated again by mean of Several Lastons with Acids. And the Acids of the Acids of the Acids of the Thin is also called Mirecrative Piece, for fingly Emosic Pantar—It pages violently both upwasds and downwards of Arvitators.

By collecting all the Lorious, and evaporating two third Parts, what remains is a very acid Liquor, called Spirit of

phocal Vitriot

Philiphone I Virtual.

ALGEBEA, a Method of reforing Problems by mean
of Equation. See Programs, and Engarrence,
of Equations. See Programs, and Engarrence,
the Commission of Equations of Equations of Equations of Equations of Equations of Equations of Computations of Computations of Computations of Computations of Equations of Square Cenfus .- Others call it Specious Arethmesich ; others uverfal Arithmetick, &c.

Discoyed Artemetics, Sec.
Manage devices the Word from the Artile Agglera,
Manage devices the Word from the Artile Agglera,
that the principal Part of Agglera is the Continent
better Namekrs.—Others rather borrow it from the
Stanfill Algebrifla, a Perion who re-place difficated Benes
adding, that Agglere has nothing to do with Pricklon; in
that it confides broken Numbers as if they were entite, and
our engerflest in Sowen by Lennes, which are incapable of
our engerflest in Sowen by Lennes, which are incapable of Fraction.

even engretfie in Fowers by Leeren, which are incapable of Parlicine, with McHarbist, see of Opinion, that Agirbarity and Allerbist, and Colonion, the Agirbarity Lee in Name from Gebers, a celebrated Philosophere, Capnilla, and Mathematican, whom the Areb; all Globers and Colonion, and Colonion, and Colonion, and Colonion, and Colonion, and the great diverse and the colonion, with more probability, during the form Gebers and the colonion, with more probability, during the form Gebers and colonion, with more probability, during the form Gebers and colonion, with more probability, during the Georgian Colonion, and the colonion of th

Sec QBANYITY, and ARITHMETIC.
Algebra is of two Kinds, view. Nomerol, and Literal.
Numeral, or Fulger Alorara, is that of the Antiens,
which only had place in the Reclausion of Arithmetical Queftions.—In this, the Quantity fought is represented by fome
Letter or Cherelte; but all the glenn Quantities are exprofid by Numbers. Sec Numbers, and Numbross.

Lileral, or Specious ALGERNA, or the New ALGERA, he that wherein the giveo or known Quantities, as well as the unknown, are all expressed or represented by their Spe-tics, or Letters of the Alphabet. See Species, and Spa-

This eales the Memory and Imagination of that vall Streis or Effort, requir'd to keep the feveral Matters necessary for the Discovery of the Truth in hand present to the Mich For which Reason this Art may be properly denominated Metaphysical Geometry.

Section Mights, is not, like the Numeral, confin'd to certain Kinds of Problems; but ferves universally for the Investigation or Invention of Theorems, as well as the Solution and Demonstration of all kinds of Problems, both Arabiton and Demonstration of all kinds of Problems, both Arabitons

tions and Demonstration of all helds of Problems, both Jords-mured, and General S. Ser Than Inst., Ser. 19.

The Letters wild in July John, do each fuguest of the memorial and memorial, and together, and the first of the control o

be so great as to become incommodious; the Method is, only to write down the Root, and on the right hand to write the to write down the Koot, and on the right has to write the ladkx of the Power, that is, the Number of Letters whereof the Power to be expressed does consist as, s¹, s², s⁴, s⁴,

Exponent, &c.

For the Symbols, Characters, &c. used in Algebra, with
their Application, &c. see the Articles Characters, Quan-

For the Method of performing the feveral Operations in Al-gebra, fee Addition, Subtraction, Multiplication, Sc. As to the Origin of this Art, we are much in the dark.— The Invention is usually attributed to Diophantus, a Greek Author, who wrote thirteen Books, the only fix of 'em are ex-Author, who wrose thrireen Books, tho only fix of 'em are ex-sent, first published by Xylender, in 175; 3 and fines com-mented on and improved by Gasper Backet, of the French Academy; and fines by M. Fermat.

And yet Algebra feems to have been not wholly unknown to the ancient Mathematicians, long before the Age of Die-phoneum: We fee the Treect, the Effects of it in many

Aphanus: We fee the Trees, the British of it is nown. Fluces; the it folks at if they had depended onceasing the Inces; the it folks at if they had depended onceasing the state of the state of the state of the state of the tent in Fern upon Early, who otherwise the Fluck of at Flucky and more to deviate the state of publication. But the Treat is, the Analysis wild by take Authors in rather Geometrica than Representation as appears by the we make to Graphe to they that Publication is an appear by the we make to Graphe to they that Publication is the first one who to Graphe to the Analysis wild the work to Graphe to the Analysis will be work to Graphe to the Analysis of the The Analysis was to the state of The Analysis who has treated of Rights This Att. Inserts, we had to see the

prodefieldly.

This Art, however, was in use among the Arabi much carlier than among the Greekt. And its faid the Arabi cooper of the form the Perfaient, and the Perfaint from the heldmant—"Its added, that the Arabi carried it isno Spaint; whence, fome are of opinion, in paid into Eighard, the Arabi carried it is to the Arabi carried to the Arabi carried in the Spaint; whence, fome are of opinion, in paid into Eighard, before Diophatatus was known among us.

The first was wrette on the Subject in this part of the

The first wan wrote on the Subject in time part or we World, was Linest Perceivals, or Lucis of Emgray, a Cordical whose Book, in Italian, was printed at Venice in 15,94—This Author makes mention of one Leannarian Figura, and Jome others, of whom he had learnt the Art; but we have none of their Writings.—He adds, that Affection. but we have none of their Writings.—He adds, that Afterbra came originally from the Arabs; and never mentions Dio-phastus: which makes it probable, that that Author was notyet known in Europe.—His Afterbra goes no further than Simple and Quadastick Equations. See Quadanter, 1956. After Prescripts appeared Sifetims, a good Author; but neither did he advance any further.

actither did he advance any further.
After him, can Skiple Ferrens, Carden, Tarrelon, and
After him, can Skiple Ferrens, Carden, Tarrelon, and
After him, can Skiple Ferrens, Carden, Tarrelon, and
block Engartone—Banderid followed the Sq. and worm himself
at little further.—At half came Normain, Raman, Schwarz,
Schigenze, Catetin, Sc., whos all of them took dillicens CourSchigenze, Catetin, Sc., whos all of them took dillicens CourAbout the farmer time, Zhophokumi was first made public k,
whosh Method it very different from that of the Artes),
which had been followed dill them.

Schied the Schied dillicens and the Schied the Schied the Schied the Schied dillicens and the Schied the

In 1590, Vista enter'd on the Stage, and introduc'd what he call'd his Specious Arithmetick, which confills in denoting

the Quanticie, both known and unknown, by Symbols or Letter.—He also introduced an ingenious Meridod of co-texting the Rose of Equations, by Approximation 5, including the Rose of Equations, by Approximation 5, including the Control of Equations, by Approximation 5, including the Control of Equations, and the Control of Equation 1, in the Control of Equation 1, in

Oughreid, left feveral Treasile at his Death just human his reft, an Amelylin, or Afgelrein, which was printed a 1813 a phere Friend Method in brought into a 1010 mere at 1813 a phere Friend Method in brought into a 1010 mere at 1813 a phere Friend Method in brought into a 1010 mere at 1813 a 1813. One care published in Geoccustry, whence he made will of the Literal Chiculus and the Afgelreine Real of Herries as also Orgelered in the Literal Afgelreine Real of Herries as also Orgelered in the Literal State and Readoution published in 1813, a part of Friend Affection and Readoution published in 1813, a part of Friend Affection of Simple and Quadratick Figurations j. 6 Dec George special Comptend of Quadratick Figurations j. 6 Dec George special Nature of Carries New Physicases, and address three Carries and Cambridge and Cambridge

Harrieri Method to the Higher Geometry, explaining the Nature of Curve by Papatisin, and adding in Continuous of Lobe, Bluquiriust, and other higher Equations. Dis General Selie in controlled Code and fliquidation. Dis General Selie in Controlled Code and fliquidation. Controlled Code Geometries Catholice, publified in 1884; and the Pondation of facts Confluctions, with the Application of Selies to the Quadrantees of Curves, Quellion às manuar gives by R. Stigling, in 1865; as all the Different Machineries of Reviews, in the Man. & Martin. Of the Phylippe and Eurore, in the Man. & Martin. The Phylippe and Company of the Confluction of the Phylippe and Eurory, in the Late, Geometries, I for the Phylippe and Confluction of the Confluction of the Phylippe and the Phylippe and Confluction of the Confluction of the Phylippe and Confluction of the Phylippe

James Bernoul.

Thus mach for the Progret of Algore — The Eineman of the Autor, and Thus mach for the Progret of Algore — The Eineman of the Arr were compiled and published by Kerley in of the Arr were compiled and published by Kerley in of Evanishes are large explaint, and little the Algorithm of Equations are largely explaint, and little three the Computer of Evanishes are largely explaint, and the Content of Evanishes are largely and the Algorithm of Algor

ed by the Author.

Algebre has been also applied to the Confideration and
Calculus of Infinites; from whence a new and very extensive
Branch of Knowledge has anole, call'd the Deltring of
Plusions, or Analysis of Infinite, or the Calculus Defireratialis. See Fluxions.—The Authors on this Subject, for under the Article ANALYSIS.

ALGEBRAICAL, fomething that relates to Algebra.

In this Scole, we fay, Algebraical Characters, or Symbols. Sec CHARACTER.

ALGABRAICAL Curve, is a Curve, wherein the Relation of the Abfeides to the Semiordinates, may be defined by an Algebraical Equation. See Curve.
These are also called Geometrical Lines. See Grome-

TRICAL Lines. Algebraical Curves fland contradiffinguish'd to Mechanical or Transcendental ones, See Mechanical, and Taan-

Gal G I TOMONO.

GAL G I TOMONO.

GAL G I TOMONO.

ALGEN BB, lo Africamy, a Fixed Sue of the found
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ALGEN BB, lo Africamy, a Fixed Sue of the found
Magnitude, to the right fide of Perplan.—In Longitude, Letimes, CE, Ale enough the rel of the Confeillation Plantice
Magnitude, is the Confeillation, a Fixed Sue of the thick
Magnitude, is the Confeillation, a Fixed Sue of the Confeillation

ALGEN BB, A Term soled by found Arbeit Aulente
Laptune, CE, Se muler the Armet Sue Sue Sue Sue

ALGEN BB, A Term soled by found Arbeit Aulente

Almontoli, a Maghier, See Account — Sue Sue Sue

Almontoli, a Maghier, See Account — Sue Sue Sue

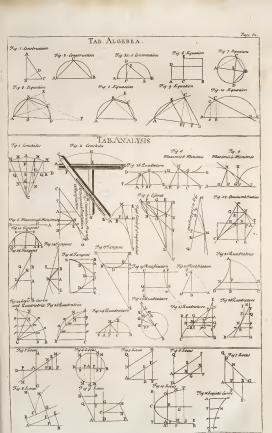
Almontoli, a Maghier, See Account — Sue Sue Sue

Almontoli, a Maghier, See Account — Sue Sue Sue

the pathical Operation of the feveral Parts of Spection are trimmeticly of Patholes. See Aurana, — Societions it is also used for the Practice of common Arithmetick, by the cree ensured Figures. See Aurana, the first of the Pathical Common Arithmetick, by the cree ensured Figures. See Aurana, which some Archen, and depentity the Spectar of Special Pathical Common Common

ARITHMETICE, RULE, &c.
In this Scofe, we fay, the Algorithm of lotegers, the
Algorithm of Fractices, the Algorithm of Sards, &c. See FRACTION, SURD, Ec.

ALGUA-





ALGUAZIL, in the Spanifb Policy, a Serjeant or Offi-cer, who artefu People, and execute the Magistrate's Or-ders. See Staga Part, Eff.

ALHANDAL, a Term in the Arabian Pharmacy— The Troches of Missaids, Trivelifei Missaidas, are a kind of Troches, compeled of Colocyuthis, Bdellium, and Gun Trageacuth. See Tractur.

They are effected good Purgatives, and are used on di-vers Occasions. See Purgative. The Word is formed of the Arabic Handel, or Handhal,

The Word is formed to the Arabic Limital, of Hamson, a Name for Colocyothis. See Colocyothyritis.

ALHIDADE, or ALDEADY, the Index or Label of an Altronomical, or Geometrical Infirmment, for taking of Heights or Diffances.—The Albidade is a kind of Ruler,

moveable on the Centre of the Inftrument; and carrying the Sights. See Index, Sights, &c. See also Astrolage,

Sights. Sec INDEX, Storers, Er. Sec allo Arrionizas; THEOROLIES, where it fignifies the fame thing— In Greek and Lettis, it is called dwelves, Dwepres, and Lines Fiducie, Fiducial Line. ALIEN, in Law, a Person born our of the King's Al-legiance, and confequently not capable of inheriting Lunda in Degland, till naturals id by Afor Farliament. Sec Na-

TURALIZATION.

PERALIZATION.

Of these there are two Kinsle, eis. Alise-Princile, but Of these there are two Kinsle, eis. Alise-Princile, who are of Countries at war with us at all Elements, who are of Countries at war with us at the Elements, who are of Countries at war with us at Man bown out of the Land, be it the within the Limits of the King's Obedience beyond the Scas y or of English Parcens out of the King's Obedience, to the Brents to the Hirth be of fach Obedience, is no Alien, but Time of the Birth be of fach Obedience, is no Alien, but the Time of the Birth be of fach Obedience, is no Alien, but Time of the Birth be of fach Obedience, is no Alien, but the Time of the Birth be of fach Obedience, the Terman of the Birth be of fach Obedience, the observation of the Birth be of fach Obedience, the observation of the Birth be of fach Obedience and the Birth Bir

led the Statute De natis ultra mare led the Statute 2Ne anti; 10178 Mars.
Add, that if one born out of the King's Allegiance come and awell in Pogland; his Children begotten here are not Alliest, but Denlazons. See DENLARIS.
ALIES Priories, were those Cells of Monks, formerly exhibilited in England, which belonged to foreign Monatte-the limits of the England, which belonged to foreign Monatte-

ettablind in England, which belonged to toreign Monatherice. See Priory, Abry, Monatrarth, Ed.

ALIENATION, ALIENATIO, in Law, the Act of making a thing another Man's or the altering, and transfering the Property and Poffedino of Lands, Tonements, or other Things, from one Man to another. See Transferance. RING, POSSESSION, &C.

Tenements to a Religious Community, or other Body

Politick. Sec MORTMAIN. To alienate in Fee, is to fell the Fee-fimple of any Land, or other incorporcal Right. See Fex.

Crown-Lands are only alienable under a Faculty of per-

petual Redemption. See REDEMPTION.
The Council of Laterau, held in 1123, forbids any Clerk to alterate his Benefice, Prebend, or the like. See Par-

BEND SEC TION-Office, is an Office to which all Writs of and Entry, upon which Fines are levied and ALIENATIO ovenants

Covenints and Entry, upon which rincs are covene after Recoveries fuffer'd, are carted 3 to have Fines for Allemation for and paid thereon. See Covenanty, Recovery, Fine, 5%. ALHORMES Proceeding, in Anatomy, the Prominences of the Os Caneiforms. See Congruence.

ALIKORMES Proceeding, is Austrony, the Preminence of the O'Constituent, See Curvaturea, string from the ALTONIANS MIPSELL ALTONIANS, 1994, and a spriged Society, and ALMENTY, ALTONIANS, 1994, and a spriged Society, and ALMENTY, ALTONIANS, 1994, and a spriged Society, and ALMENTY, ALTONIANS, 1994, and a spriged Society, by the Laquer of the Southouth, or the Nursul Heast 50 are to be afterwards converted into Blood, for asymetotic Blody, or repairing the continual Laquer of Parts. See Foot, The World is Justice Society of the Verb Alters, to northing ALMENTSARY, ALTONIANS, donesting the ALMENTSARY, ALTONIANS, donesting that Alments Mark, ALMENTSARY, ALTONIANS, donesting that Alments

ALIMENTARY, ALIMENTAL, formething that relates

to Aliment, or Food. See Foop.

The antient Physicians hold that every Humour confids of two Parts; an Alimentary, and an Excrementitious one.

See Humoun, and ExcREMENT. OCC SIMOUN, AND EXCENSION.
ALTINEATAN DOL. Dollar Alimentalis, is a Name
give, by Dr. Types and fome other, to that Part of the
Eoly thro' which the Food paties, from its Reception into
the Mouth, we its Exit at the Assay including the Gaia,
Stemech, and Interlines. See Ducres Alimentalis, SteMachi, Ed.

Alimentary Dull is femerimes also understood of the Thorseis Dust. See Thorney Dull.

ALIMENTALI Pueri, &c. in Aniquity, were certain Children maintained and educated by the Munificence of the Emperors, in a fort of publick Places, not unlike our Hofpitals. See Hospitals. Trojan was the first that brought up of these Eimen-tary Boys. He was imitated by Adrian. Antonious Plus did the same for a Number of Maids, at the Solli-

citation of Fauftina: And hence, in some Medals of that Empres, we read PUELLE FAUSTINIANE.

Emprets, we read PULLLER FAUSTINIAN Ex-Mexander Severat did the like, at the Requel of Man-mens and the Maids thus educated were called Manmensus, ALIMONY, ALIMONIA, in Law, antiently fightly'd Nourthment, or Maintenance but in a more modern Sector, Actoria that Portico, or Allowance which a married Sector, the Control of the Manual Control of the Husbard, wherein in any occasional Separation from her Husbard, wherein in any occasional Separation from her Adulture Sec West Duwer Copy of with Edeponent or Adulture Sec West Duwer Sector

Hukhud, wherein fhe is 'not charged with Elepement or Adultery. See Vers, Downs, 16c.

This was antiently called Remeable Elementum, Restouche Blateconces, and was recoverable in the Optimal Control of the Control of Article MULTIPLICATION

Thus, 5 is an Aliquant Part of 12; for being taken twice, it falls floor, and when taken three times it exceeds 12

ceeds 1.

ALIQUOT Part, is such Part of any Number, or Quantity, as will exactly measure ir, without any Remainder.—Or, it is a Part, which being taken a certain Number of rimes, becomes equal to the Whole, or Integer. See PART, Sc.

Thus, 3 is an Aliquot Part of 12; because being taken our times, it will just measure it.

The Word is form'd of the Latin Aliquoties, any number

A Table of Aliquot Parts of a Pound, fee under the

A Table of Auquor Parts of a Pound, see muner toe Article MUNIPALLARY, in Chymistry, an universal Munitum or Disolvent, therewith some Chymists have pretended seequarely to reserve the Bodies into their first Matter. See afterward Matter. See afterward Matter. See afterward of Paracelysis and Helmont, Those two cominent Adopts, Paracelysis and Helmont.

expresly declare, that there is a certain Fluid in Nature, ca-pable of reducing all fablunary Bodies, as well homogenepublic of reducing all fishbunary Bodies, as well homogenous as mixed, not their East presume, or Original Master whereof they are compelled; or into an uniform equally located of the property of the proper

nour, who religiously fwears himfelf postested of the Secret mont, who religiously twears himself postfested or the Secret, has excited the fuecceding Chymists and Alchymists to the Parsiti of so noble a Mentraum. Mr. Zeyle was so find of it, that he frankly acknowledges he had rather have been Master thereof than of the Philosopher's Stone. See

ALEITYM.

Indeed, 'tis not difficult to conceive, that all Bodies might originally aride from fome farlf Marter, which was the property of the

Notion of an university LEM, that relovées all montes more their Entigentiatie. Subject that has been converted by an infinite Number of Authors; sa, Pantaleon, Philateleon, Tabbunin, Laboricas, Rec.—Burbasee (ay, a Library might be collected out of 'em. Wildenfelt, in his Treatile de Secretis Adeptorum, has given us all the Opinions that have been entertained about it.

The Term Akabest is not peculiarly found in any Lan-guage: Helmont declares he first observed it in Paracests. gauge: Hatmont declares ne first observed it in Verbausipes, as a Word that was unknown before the Time of that Author, who in his second Book, De wiribus Membrausan treating of the Liver, has the Words: Eff eithm Alkahett liquer, magnam bepatis conferential Eff conferential, Sec. of the Liver and the Liver and the Conferential Effects. coung of the Liver, as flood Woods: Life et am Makanet.

There is allo the Liques Zifichten, of great efficacy of perfecting the Liver is allo the Liques Zifichten, of great efficacy in other Diffcafes arting from Diffcafes of that Fatt. If it have once conquered its like, it becomes faperient to all other Diffcafes affing from Diffcafes of the Fatt. If it of the Company of the its Place

"Tis this fingle Paffage of Paracelfus, that excited the fac-This this fingle Pariling of *Paracellin*, that excited the time-coding Chymidius oan lengthy after the *Albeidy's bere being but one other indirect Expection about it in all his Works. Now it being a frequent Parelice with this Author to transpote the Letters of his Words, and to make all of Albeit and the time of the Concessions it is in Tarter, which he would write *Concessions it in Tarter, which he was a subject to the *Concessions it in Tarter, which he was a subject to the *Concessions it in Tarter, which he was a subject to the *Concessions it

Hecce fone imagine is fromt of Affazi oft, and second-legly, that it was the Alfaline Salt of Terrar voladited. This fecuns to have been Glassfer Options, who indeed performed furphisms things with fact is Menthuman pace. Others will have been continued to the Affazi of Au-dition of the Affazi of the Affazi of the Affazi of Au-thority of the Affazi of the Affazi of the Affazi of the wought from Water 5 and Persentful Indicated the Salt the Centre of Water, wherein Menti angle to die, Gir-ary of the Affazi of the Affazi of the Affazi of the wought from Water 5 and Persentful Indicated the Salt the Centre of Water, wherein Menti angle to die, Gir-ary of the Affazi of the Affazi of the Affazi of the wought from Water 5 and Persentful Indicated the wought from Water 5 and Persentful Indicated the Affazi was Mercury, corrected into a Soliti-Zeat-grack—And Sarty hought be discoved it in his Sousy. There have been fome tynosymess and more significant the Affazi of the temporal Name of Agreenian Hernal Water. But he here form to mean the circulated Lique of Persentiles, which be terms Pers, from the Peoper of

Water: But he here Certa to mean the dreamfuel Liques of Paracellay which be term Erry, from the Poperry of confineing, all things; and Water, on account or in liquid or confineing, all things; and Water, on account or in liquid states of the Certa of fir's Sal circulation, lofes all its Fixedness; and at length becomes an intipld Water, equal in quantity to the Salt it was made from.

Secones an infield Weiter, copul in quantity to the Salt it was much forcil their his Menterman is finish, with Milliamer in expect of their his Menterman is finish, which is the Milliamer in expect when the Menterman is the second of the Menterman is the Menterman in the Menterman is the Menterman in M

arrevacts, into an ease; where the becomes votatics and at length six wholly sumed into inhight Water.—The manner of Application is by toaching the Body peopled to be difflowed, e.g. Gold, Moreury, Sand, or the like, once or twice with the precented Alkeloff; and if the Liquor be genuine, the Body will be converted into its own Quan-

tity of Salt.

2, It does not defroy the feminal Virtues of the Bodies differed thereby—Thus, Gold is, by its Aftien, reduced to a Salt of Gold; Antimony to a Salt of Antimony, Saffien to a Salt of Saffien, gc, of the fame feminal Virtues, or Claracters with the original Concrete,—By feminal Virtues, Methouser underdineds tools Virtues which depend upon the Conftraction or Mechanism of a Body, and which upon the Contraction or Mechanism of a Body, and which make it what it is. Hence, as a shall and genuine Auram potablic might readily be gained by the Alkabell, as con-verting the whole Body of Gold into a Salt, retaining its feminal Virues, and being withal foliable in Water. 5°, Whatever it differen may be rendered volutile by a Sand-beat; and if after volatilizing the Solvend, it be dif-

Sand-bout a mel if after colonillating the Salvend, it he fulf infill chereform, the Body is left pure insight Waver, equal in quantity to its original felf, but deprived of its feminal virtues.—Thus, it Gold he diffused by the Allebergh, the virtues of the salvender of the salvender of the when the Menfleum is diffilled thereform, its left mea-ther, where it appears, that pure Waver is the laft Predection or Effect of the Allabergh.

folying the Bodies it works on, and therefore furtains no Reaction from them; being the only immutable Mentitruum in Nature.

5°, "Tis incapable of Mixture, and therefore remains free from Fermentation and Putrefaction; coming off as pare from the Body it has differed, as when first par therefrom the Body it has unawed, as when the part per there-on; without leaving the leaft Founish behind.

ALKALY, ALKALY, or ALCALY, in Chymifity, a Name originally given, by the Arabians, to a Salt extended from the Alhes of a Plant called Kali 3 and by us Glafe-wort, because used in the making of Glafs. See Kalt, and

Afterwards, the Term Alkaly became a common Name for the lixivious Salts of all Plants; that is, for fuch Salts as are drawn by Lotion from their Afhes. See LIXIVIOUS. and Asires.

and Astres.

And hence, again, in regard the original Alkaly was found to ferment with Accds; the Name has fince between common to all volatile Salts, and all terrefitrial Subthences which have that Effect. See Acid.

Which have that Effect. See Acid.

Arran, then, in its modern exemite Senic, is any Sabflance, which being mixed with an Acid, an Ebuiliton and
Effervelence enface thereon. See EffectiveLence, See.

And bence arise the grand Division of Natural Bodies
into the two opposite Clairs of Acids and Athalies. See

Boerheave fearce takes this Circumstance to be enough to consist any determinate Class of Bodies.—In effect, the kalles are not of one fimilar homogeneous Nature: but there are two feveral forts.

Addit are not of one Immir Somogonous scatter: not Addit are not of one Immir Somogonous scatter: not The first details of from Vegetthe and Arienal Subditure, by Californion, Diffillation, Furthfillon, &r. fach are Spirit of Urine, Spirit of Batterhom, Saint of Tarne, \$(c.-The Los Grands, Control, Indiana, Vander, Saint Somogonous, Control, Indiana, I

and particularly their Talls, munner of procuring, and the Change of Coder they produce in Doller Linour which With ragard to this hill Crountlance, shoft Linour which being pour do syrpe of Volete, change 1 of a gene One loar, see Adator; as 1 tode which turn it red, Adadis—Thas Ol of Tarras reast if a kindly goes, and Ol of Virtue, Oli of Linour sees if on kindly goes, and Oli of Virtue, Oli of Virtue, Oli And if no the Syrpe thou made red by Oli of Virtue, Oli And if no the Syrpe thou made red by Oli of Virtue, Oli And if no the Syrpe thou made red by werewish it comes in countil, prints, lowing the order of and the like holds of Oli of Virtue. green by Oil of Tartar.

To the like effect M. Homberg observes, that 'a more heat and babbling arting upon the Admixture of a Body with an Acid, does not feem an adequate Criterion of the Alice line Nature; fince diffill'd Oils of all kinds are found to do thus much ; and many of 'em with more vehemence that

thus much 3 and many of 'em with more vehemence thus Abhalier themselves, fo as fometimes evento take fire, which Abhalier never do.

To the Definition and Charefer of an Abhaly therefore, M. Homberg adds this Greundinace; 5 that after the Action, the Mixtures coalefee and floor into a Salt, or falline Matter.—This excludes the Oils above membered; a which do the Charles and the

⁴ ter.—This excludes the Olis above mentiord 2, which do not, after Effevefence, units with the Adds into a faline Subbasce, but rather compole a refiness one. All lixitious askin save thefe. Characters of Alledy.—And not only lixitious, but alfo all arthous Salts a which are contently found to inhibe Adds with great eagernefs, and after Liballition, to unite and cythalite with 'cm. See United California and Californi Nous Salt.

Nous Jass.
Hence we have two Kinds of Alkaly Selts, vis. Excl.,
or Liveiseas Alkalies; and Velatile, or Urinous ones. See
Sarty, fee allo Frey, No. LATILE, U.S.
Both before Alkaly Selts, there are an Infinity of other
Both before Alkaly Selts, there are an Infinity of other
Both before much the fame Effects with Aldis,
Lady, 1. a produce much the fame Effects with Aldis,
selts Alkaly Selts above mentioned.—And the clatalises
at the Alkaly Selt above mentioned.—Selts alkalies Matters are in other respects of different Natures.

Matters are in other refiged at different Nature.

Some, 5, 5, or mested Parrieys a Quick-lime, Mariok,
Some, 5, 5, or mested Parrieys a Quick-lime, Mariok,
Some, 5, 5, or mested Parriers and Some Anne their precisit and approximation, issued under the colony. The and Anninony, which only differe with Agent forms; and
the other with other form of correctly, with Agent forms; and
the other with other form of correctly, with Agent forms; and
the other with other form of matter and other and
the other with other forms of correctly and other and
correctly and the other and the other of correctly operated as a teach, Option Parlier, Tofferon Mattern and Other
are Correctly (Copies Parlier, Mattern Special Copies (Copies Parlier, Mattern Mattern

which he lend A fine, or force on the Caude, and become flower, on every carrier, and the control of the contro

Alleidy Softs, according to this Author, are only Acids correction further to 100. by mean of Fig. and united with central further to 100. by mean of Fig. and united with When an Acid, which we conceive in the general as a final, folid, plotted Speciams, happens to be ablered or comes denominated Softsy parts of the Softsy and the Sof an actimonous 4 and, that mere Earth could never nave— From this Tafte it is called Saft; and from its Pores being open, and thus dipoled to admit and imbibe new Acids, it is called Alkaly Saft. See Earth, Saft, §6. Now, it is not to be imagin'd, that an Earth which has

Now, it is not to be imagind, that an Earth which has once been impregnated with Acids, can ever be perfectly di-wefted thereof; there will fill remain fome, the much less than before. So that an Alkaly may be conceived as only a too fmall Quantity of Acid, inclosed in too large a Quantity

of Earth. The visition and further here is not the only Agrat capa. The visition Acids from their Earth Ferrometate has the father than the contraction of their afterness, either of the cane, or the other Fire; and the fine may be find of the Acid distinguily thereform is being the contraction of the Fire, whereas analysis forcing in Comparison of the Fire whereas analysis for the Fire whereas analysis for the Fire whereas analysis of the Fire whereas analysis for the Fire whereas analysis for the Fire whereas analysis of the Fire whereas

Superaded to the Acid.

On the Francise every Acid is volatile, and every Alkely thould be facid, if the Alkely were only Earth: But, in the American control of the Acid and the Acid and

These things well considered; it will be easy to assign what must ensue upon the Separations, or new Uni-the Parts of a Mixt.

the Parso of a Miri.

An Adid, 'to evident, may become an Albaly, in that after having been fequenced from in Mutrix, I trusp be referred in a final Quartly to another Marrix, chinew bolly carrivo and Quartly to another Marrix, chinew bolly carrivo and provided the proposed of the Albaly and the Albaly an

Their Tandmatsien are not food equally eafy and poticisable in the three different Science of Mora, or the three Kingdoms is by scales of the Direction of Mora, or the Control of the Control of the Control of Mora, or the exists and control of the Control of the Control and difficult in the Mineral Realms is by scales, no doubt, that the Parts of Mineral are more collectly via together, and have, as it were, left play. The only influence Chymlity hash likehore polected, of a Microl Add's being covered into a Bred Mineral of the Control of the Science of the Control of the Control of the Control of the Ounterly of first difficult in the Control of the Control Country of first difficult in the Control of These Transmutations

The Vegetable Kingoom, it is oblervel, turmlines a large Quantity of fird Alkaly Salt; and a little volatile Alkaly The Animal Kingdom, on the contrary, affords a deal of volatile Alkaly Salt, and but little fired. The Foffi Kall and the Alkaly Salt, as the Alkaly Salt, as the Alkaly Salt, as the contrary of the Alkaly Salt, as the dom affords a very little mative field Aduly Stat, as the Egyptian Natura, and the fields possered by Lecian from fallow Earth about Souprae and form other Flores of the ready of the State of the State of the State of the verning Native into a field Adulty. He made body both influence produced a volatile Adulty from the Andule of the Micreal to Convertible to you'll dead State of the Vegende Kalley nor Microal Acids to finding the other than Macroal to Microal Acids to finding the other than Macroal to Microal Acids to finding the other than Macroal to Microal Acids to finding the other than the Con-parison of the Conference for the Earth Handl Plane derive their said Jaice? I also the Earth Handl Plane derive their said Jaice? I are the Earth Handl Plane derive their said Jaice? I are the Earth Handl Plane derive their said Jaice? I are the Earth Handl Plane derive their said Jaice? Land Adult Handle Macroal Macroal Macroal State of the Conference of the Conference of the Land Adult Plane Land Macroal Macroal Macroal Macroal Macroal Macroal Macroal Macroal Macroal Land Macroal Ma

Nire, into a volatile urinous Abdaly. Soo the Adas. Act Fades di bifeque. See allo Satro-rara, 16%.

By the way, it is to be noted, that the inflame of Egyf-great Afferine of the Army for the Army for the Egyf-great Afferine of Army for the Army for the Army for the See and the Army for the Exportation of the faporthous Water of the Nils, is yet of a Birkivon Natura, our I stall shounds with Princise of the Riverse Natura, our Lettal shounds with Princise of the Riverse Natura and precedent Enderst-letters of the Natura of little elfe than Acids, or a greater or less Quantity of Al-kaly," Id. ibid. For the Theory of the Operation of Acids upon Alkalica. See Acid.

Hypothesis of ALEALY and Acid.

Tacbenius, and Sylvius de la Boe, follow'd by the Tribe

Tackenius, and Spiesis see is Bos, follow'd by the Table of waigar Chymith, themosuly selfers Sat Mikely and Acid to be the only universal Principles of all Bodies; and the means hered, account for the Qualities of Bodies, and the reft of the Phenomena of Nature; particularly those in the Animal Occomony.—In a word, Mikely and Acid are fabilitated in the fitted of Matter, and Motion. See Paince-

tated in the flead of Matter, and Mattern Geo Philosophy.

Mr. Bayls attacks this Hypothefis with great force of Argument—In effect, 'tis at belf but preservious to affirm, that Acid and Affacture Parts are found in all Bodies.

When the Chymitis fee Aqua fortis diffolive Filings of Cop-

When the Chymilia fee Aqua formi distinct Filings of Cop-per, they consides, but the ead Spirits, of the Mentlemen, experiment of the Children of the Children of the Children Spirit of Urine, which is allowed a resident disting, and a consideral makes a great Camife with Aqua forsis, readily accordingly makes a great Camife with Aqua forsis, readily and Liquer—So, when they for the Mindler of Part of Cards, prepared by dropping Oil of Traits into the Sola-ted Liquer—So, when they for the Marker of the Urine, which mornifes the Addily of the Spirit of Vinegars where-as, the Procipitation to the find Addrey of the Urine, which mornifes the Addily of the Spirit of Vinegars where-as, the Procipitation would no take after of the Lorent for Consparant, were sled. It may also be disburded, when the fact Consparant, were sled. It may also be disburded, when the first constant of the Children of the Children of the first constant of the Children of the Children of the first constant of the Children of the Children of the first constant of the Children of the Children of the first of the Children of the Children of the Children of the first of the Children of the Children of the Children of the first of the Children of the Children of the Children of the condown it with other Quilities as well as Addilyn, Thus, when the Chyntilis ice an addil the Liquers, the well dephlegment arisons Sprins, which they hold to have a p cate per, they conclude, that the acid Spirits of the Menstrum

ripathy to Acids, will readily diffolve crude Iron ev

The Cold.

Further, the Parens of this Hypothefis, feem arbitrarily to have affigued Olfices to each of their two Findplies, as the Chymidis do neach of their rays primes a such the Figure teltists to each of their ray primes a grade the Figure teltists to each of their four Elements—primes their cought to figs, that an Additional feet that they divide the Operations and Phenomena of natural Bodies between them:

Affections of feet moment ought not to be received, without retines and Parameters of natural Bodies between them. Afficings of fich moment ought not to be received, without farther Front. Indeed, the very Hilburgh and the first proof in the property of the property ris of Urine and Hartfhom will readily officion to the Fife. And among Acids themfleves the difference is so led § for fome of them will diffold Bodies that others will not: and this even where the Menftraum that will not diffold be the sense where the Menftraum that will not diffold be the Body, is reputed much flenger than that which does a deplegmant? Spirit of Vierger will diffold the alter deduced to military Parts in the cold, which is an Hiffelt that Chyman which of from Schiz of Schi Nature Acid will so missie Patrik in the cold, which is an Hiffed that Chymills expect for from Spirit of Ski. Nay, one Add will precipitate what another has diffured, and i centra; as, Spirit of Ski will procipitate Silver can of Spirit of Skire. Add, the Properties peculiar to fone particular Adds, as that Spirit of Nitre or Apas fresh, distiller Golden Control of Skire, and the Spirit of Nitre or Apas fresh, distiller Golden Control of Skire, Opport, Lock and Mercery, and keep them differed, it quickly less full aimsoft the whole Body of Tin.
"The no weeder that the Distillation sires of Add and

"Tis no wonder that the Definitions given of Acid and Alkaly flouid be inaccurate and fuperfield; fince the Chymits themselves do not seem to have any determinate Nomind, demokre, de set Cen us hier up, determinet Notion of fire Malas, whereby to know the dilitable, when to infer for Malas, whereby to know the dilitable per to fire that, tecaufe a Body diffiders another, which is diffiable by the not test know Acid, the delicate man diffiable to the set is the discussion of the discussion of the difficult of the discussion of the discussion of the difficult of the discussion of the di lies, via. the Heat, Commotion, and Bubbles excited upon

be presipiented both by Spitts of Silts, and by common Water—Not does not not been found babble excited upon the state of the state of

dity in the Mouth; the latter having a faccharine Succession, and the former an extreme Bitterness. And even in Vegerable Substances of a manifest Tafte, 'tis not easy to Vegenibe Sublances of a monifelt Tathe, 'the out city' as leave by that, whether it be the Add or the Addition bears by that, whether it be the Add or the Addition Processing the Addition of the Addition of

ALKEKNGI, a Madeaui Ferti, produced by a Flags
Corres and Demonstration, and postparely called Hazary.
The That bears a near eclombiace to Schaum or Night.
Name, with the Addition of Fighter of Vigitarian—it is
not a second of the Corresponding of the Corresponding to the Correspon

But that Author decries its Value in that Intention, and hinks it oughly only to be regarded as 5 sweetners.

Out or Membrase of a Festus, investing pur thereof, is numer of a Seat, of Cellar, exceeding from the Certalog Xphylides, to the bostons of the Hips. See Norwes.

Covered as an univary Tunic, placed between the Aminion and Chorien, which by the Navel and Urachus receives the Ura-ries that comes out of the Hiddee. See Secusions, and URINE.

Tis a Point controverted among Anatomits, whether the Tis a Point controverted among Anatomits, whether the Allatutis be found in Man.—M. Drelincourt, Professor & Anatomy at Leiden, in an expects Differention on this Mem-brane, maintains is peculiar to the Ruminating Kind. See RUMINANT.

RUMINARY.

Do. Hele, on the contrary, has given an accurate Deferition of the human Allaunoti; and affigod the Reafon why those who believed its Existence had not before fally found it out; and allo an answer to those who yet deny its reality. See Philopph, Transfelt. No. 2011.

The Word is derived from about, Exercisect, a Gut, and

Line, Forms, Shape; becaule, in many Brutes, it is in the Shape of a Gut-pudding: but in Man, and fome others, it is round.—It is likewife called Farciminalit.

is read—1 is likewije caled Paretimentii.
ALLEGATION, the Clatain, or Quartino of an deshoring, Book, Patlige, Gr. on make good any Ponie, a Alleiman de Commanda of the Com

Declaration, See Della Antron.
ALLEGORY, Allegory, Allegory, a Figure in Rhestoich,
Mallegory, we make uie of Terms which in which propage Sigtimated on denote: Or, it is a Figure, whereby we fay one
thing, expecting it hall be understood of another, to which
it allude. See Figures, Allegory, See
An Allegory is properly a Series, or Comitmation of Allegory. See Markston.

Such is that beautiful Allegory in Horace, Lib. J. Od. 14-

O Navis, referent in more to novi Fluctus, &c.

Where the Ship, flands for the Republick; Waves, for Civil War; Port for Peace and Concord; Oars for Saldi-ers; Mariners for Megistrates, &c. The

The Old Testament is supposed by many to be a perpe-tual Allegory, or typical Representation of the Mysteries of See Type In effect, Allegory has a good Share in most Religious.—
The Jeer, we know, abound with 'cm: Philo Judeus has
three Books, Of the Allegories in the History of the Six

Days. See HEXAMERON. Days. See HEADALDON.

Nor are the Headanes without *Miggrist* in their Religion; is may ceen be field, that the Ufs breed; in of a given is may ceen be field, that the Ufs breed; in of a World-Sense of both Philosphyse materialistic go give. A Rationals of their Philosphyse and the satient Hillifest of their Selbs, and the satient Hillifest of their Selbs, and the satient Hillifest of their Cape of their Philosphyse and the satient Hillifest of their cape of their Philosphyse and the Millifest of their Cape, and unimitin, that they displiyed fomething very different from what they found to expect, and the companion of the Cape of the Philosphyse of the Difficulty that in its natural Seefe, Days by the Cape of the Philosphyse of the Philosphyse

EAD dyswes, fignifies formering other man was is as-by it, makes what we properly call an Allegory. This Shift they had recourse to, in order to prevent Peo-ple from being theck'd with thick Absurdities which the Poets had introduced into their Religion; and to convince Fore that introduced into their Religion 3 and 10 convince the World, that the Gods of Groves bad one been thole 'vie the World, that the Gods of Groves bad one been thole vie thin means, the Hilbery, as well as the Religion of Grova, was at once converged into Mitegory; and the World left to God for them both in a Heap of Fallen, few of which have The Ferre Rading the Advantages or this way of explai-ing Religion; mado also if it to interpret the Socred Wri-land of the God for the Socred Wri-The freme Radind was adopted by the primiting Writers

tings, so as to reoder 'em more palatable to the Pagans.
The fame Method was adopted by the primitive Writers of Christianity. See ALLEGORICAL, something containing an Allogory.

See Arragony.

See Alexeonav.
The Divines find divers Senfes in Scripture; a Literal, a Mythal, and an Allegoriest Senfe. See Myayre, 15c.
The Pophecies, in particular, delived in the Cold Tellament, are faid to be many of 'em accompilifi'd in the New; not in their grimary and literal, but in their foundary, or Allegoriest Senfe. See Parentse.

management Sente. See Propriets.
The Fathers, and other anticost Interpreters of Scripture, are almost all Allegarysis; as Origen, Clement Alexandriums, St. Angulin, Gregory Nasannova, Sc. See further under the Article Type.

the Article IVFE.

ALLEGRO, in Musick, a Word used by the Italians to denote one of the fix Diffinctions of Time. See Time.

Allegro experdic a very quick Motion, the quickeft of all excepting Treflo.

The music fix Diffinctions fucceed each other in the follow-

The usual fix Diffinctions succeed each other in the follo

and the primary productions increase each other in the follow-ing Order, Grave, Adagio, Largo, Vivace, Adagra, and Predict It is to be observed, that the Movements of the fame Name, 2s Adagio or Allegro, are fwifter in Triple than in Common Time—The Triple § is usually Allegro, or Fivaces, the Triples §, §, §, °, °, are most commonly Allegro. See ALLELUJAH. See HALLELUJAH.
ALLEMAND, ALMAIN, a kind of grave, folema Musick,
where the Measure is good, and the Movement slow. See

Musick, Song, Measure, Ge.
ALLER Good, in our antient Writers.—The Word Aller rves to make the Expression of superlative Signification,
Alter Good is the greatest Good. Sometimes it is wrote

> ALLERION, or ALERION, in Heraldry, as fort of Eaglet, witho Wings. See EAGLET.

The Alleries appears much the same wit the Martlet, except that the Wings of the former are thut, and they are represented, as it were, Paffant; whereas the Allerios is fpread, and is represented In pale. Add, that among our Heralds, the Martlet has a Beak. See

MARTERY. The Name is French; and is faid to have been introduced for the Word Eagler: "Tis added, that the Practice of calling Eaglets, Allerious, and of representing 'em spread, without Feet and Beaks, is not above an hundred Years old. Hence, Menage derives the Word from Apulario, a Dminutive of Apulla. ALLEU, or ALLODA, in our antient Cultoms. See AL-

ALLEVIARE, in old Records, to levy or pay an accus-

ALLEVIARE, in old Records, to levy or pay an accumed Fluce or Composition. Soc. Lavy.

ALLEVIATION, the AR of alleviating, i. e. of allaying, or enting any Grievance: as a Pain, Dileafe, 56c. See legy or expense and few in Logist possed of ag. and few il. Logist.

ALLEV, in Gardening, a first parallel Walk, oredered or bounded or each hand with Trees, Shrebs, or the like.

See Garden, Wala, Edging, Sc.

Allegs are usually laid either with Grass or Gravel, See
Grass-Walk, and Gravel-Walk.

An Alleg is diltinguished from a Path, in this; that in an

Alley there must always be room enough for two Persons, at least, to walk a breast : So that it must never be less than five Feet in breadth; and there are fome who hold that it ought never to have more than fifteen.

ought never to have more than fifteen.

Century-Alleys, a rule fittle dilite by the Sides of the great order. A Perus-Alley, is that which trust first in the Face of a Building-A Perus-Perus (Alley, that which the form or a right Angles.—A Disposal-Alley, that which can a Spatre, Talket, Parters, (Se from Angles Anders).

—A disposal-Alley, is that which either by reads of the parameter of the

An allay in Zenzas, in the which has too great a Defense and which, so with a secons, in libelo to Le damaged by an which, so with a secons in libelo to Le damaged by hands of Turir ranning acrosi it from Space to Space, which had to keep up the Gravel. This is it Name is likewise givents an Allay in a Labytenh, or Wildersof, formd by given an Allay in a Labytenh, or Wildersof, formd by the things of the second the second to the left in Historia of the more in-likely in Perifyedize, in that which is larger at the Enderth and the little is to give it a greater Appearance of learning that the little is to give it a greater Appearance

longth.

Alley of Compartiment, is that which separates the Squares of a Parterre.

The Word Alley is derived from the French Verb Aller,

to go; the ordinary sic of an Alley being for a Walk, Pat-fage, or Therow-fare from one Flace to another. ALLIANCE, the Union or Connection of two Perions, or two Families, by means of Marriage; called allo An-mity. See Marriage; and Aprintry.

nity. See Marriace, and Appinity.

The Law of the Twelve Tables footids all Alliance between Perlons of nenegual Rank and Condition—And in Portugal, we are told, the Daughters of the Nobility are problibited to ally with fach as have never been in the Wars.

The Word is form'd of the Latin ad ligatio, q. d. a tying together.

ALLIANCE is also extended to the Leagues, or Treaties of Peace concluded between sovereign Princes and States, for their mutual Safety and Defence. SecTREATY LEADUR, #6. The Triple Alliance between England, Holland, and Swe-1nc Triple Internet between Logistins, Internet, and over-den, is famous.—So is the Analysis Alliance, between England, Holland, the Emperor, and King of France. In this Sende, we fay, Allies, for Confederates: The King and his Allies; the Allies of the Treaty of Hanover,

SCC CONFEDERATE. ALLIGATION, in Arithmetick, a Rule or Operation

ALLIGATION, in Arithmetick, a Rule or Operation, whereby Queffions are refolved, relating to the Mixture of divers Commodities or Ingedients together, with the Value, Effect, Eds. Hercef. See Russ, Mixtura, Eds.

The Word is form'd of the Latin, Alligare, to tie together; by resion, perhaps, of a fort of Vincula, or circular Ligarures, ordinarily used to connect the feveral Nambers.

together. Alligation is of two Kinds, Medial and Alternate. ALLICATION Medial, is when from the feveral Quanti-

ties and Rates of divers Simples given, we discover the mean Rate of a Mixture compounded out of 'em. The several Cases hereof, will come under the following

Rutes.
The Quantity of the Ingredients, and the Prices of each
being given s to find the Price or Value of fame part of the
Missipre.—Multiply the Ingredients feverally by their own
Prices, and divide the Sam of those Products by the Sum of

Frices, and divide the Sum of these Froncess by the sum of the Ingredients; the Quotient asswers the Question. The Prices of the fiveral Ingredients, and the Sum said or received for the Mixture being given; to find sebat quantity of each was beight or fold.—Divide the Sum paid or received, by the Sum of the particular Prices; the Ouotient is the Answer.

pild of received, by the Sum of the particular troces 3 ms Questien is the Anies. Motters being joine, in augment of Manies. Motters being joine, in augment or Manies has the Manies Proparticustly.—Sum up the Impediations than fig. A that Sum is took a Angementation Fill institution, for its Chanter of each Taxed of the Mixture, Tax. Manner, Sugard, See, of the Secret Ingeritient of Martine sheing given, in fall the Tambrasana or Diegoe of Martine sheing given, in fall the Tambrasana or Diegoe of Martine sheing given, in fall the Tambrasana or Diegoe of Martine sheing given in Rous, a spatial which place needly their ferent Quillies of Finencia, and multiply each Quality their ferent Quillies of Finencia, in the Martine of the Mixture in Rous, a spatial which place needly be in one Quality or Diegoe of Martine being given to find the Tax of the Mixture. For Quantities of a Masters being given to find the Tax of the Mixture in Conference of the Mixture of the Conference of the Mixture of the Conference of the Mixture of the Mixture of the Conference of the Mixture of the Conference of the Mixture of the Conference of the Mixture of the Mixture of the Conference of the

Given the Total of a Missiure, with the whole Value, and the Values of the several Ingredients; to find the Several

Quartities tuised, for meagatily—Multiply the Toul of the Mixmar by the leaft Value, tuhendt the Product from the ratif Value; and the Reminder in the full Divided Them take the full divided Them take the full brieff. Them take the full brieff the rest in the full brieff. The capacitate of the Divided Them take the full brieff the Complement to the full brieff the Complement to the full brieff the Complement to the Complement to the Whole. Ask when more legalities alone to the Complement to the Whole. Ask when more legalities than two our len blee Leaft Value, takes from the other 'I'llied Divided are the Remains left upon the Divideos, all nonce remain these; which will be one float of the Number of Impredients which will be care float to the Number of Impredients which will be care that the divideous cough for the other Divideos, all not the takes in every Quartine, than that there may remain cough for the other Divideos; and that the other confinerations. Divisors ; and the last to leave nothing remaining. See Di-

ALLIGATION Alternate, is when the Rates or Qualities of divers Simples are given; and the Quantity of each is required necessary to make a Mixture of the given Rate or

Quality.

Alligation Alternate, shows the due Proportion of several Ingredients; and counter-changes the Places of such Excef-fes or Differences as a rise between the mean Price and the Extremes; a faribing that to the greater Extreme, which pro-ceeds from the lefter; and contrarily.

The Rules which obtain in All gation Alternate, are as

follow.

Every greater Extreme to be linked with one leffer.

If either of the Extremes be fingle, and the other Extremes plural; the fingle Extreme to be linked to all the

reft.

If both greater and leffer Extremes be not plural, they may be linked so diversly, that several Differences may be taken, and a Variety of Answers be made to the Question, yet all true: But if one of the Extremes be single, there can be but one Anfwer.

The Numbers being linked, take the Difference of each The Numbers being linked, take the Difference of each from the mean or common frice; and place this difference against the Number it is linked to, alternately.

Every Number linked with more than one, must have all the Differences of the Numbers it is linked to, set

infl ie

Those Differences resolve the Question, when the Price of every of the Ingredients is given without their Quantities; and the Demand is to mix them so as to sell a certain

and use Demand is to mix them to as to tell a certain Quantity at a mean Rate.

But when the Quastity of one, with the Price of all the Ingredients is given; and the Demand is to know the Quantities of the other Ingredients; then, the Rule of Three is to be ufed,

And when the Price of every Ingredient is given, without any of their Quantities, and the Demand is to make up a certain Quantity to be fold at a mean Rate; then all the "central Quantity to be field at a mean Rate; then all the Differences added speaker will be the first Number in the Rail of Three; a behalo Quantity to be first Number; and the Rail of Three; be many Sett united, if many Operations of the Rail of Three; be Rutter of Work the Rail of Three; be Rutter of Work the Kinds of the Rail of Three; be Rutter of Work the Kinds of Higgstein have place. — Supple a Rutter of Wite of 130 Quarts, equinced to be made of Wines of the following the Rail of Rail of

ALLIOTH, in Aftronomy, a Star in the Tail of the Great Bear, whuse Observation is much used at Sea. See

Its Longitude, Latitude, &c. fee among the rest of Un-

Its Longitude, Latitude, Ce. tee among the cert of OxA Major.
To find the Latitude, or Elevation of the Pole by this
Star. See LATITUDE, and POLE.
ALLOCATION, ALLOCATION, the admitting, or allowng of an Article in an Account; and puffing it as such.
See Account.

The Word is form'd of the Latin Alloco.

ALLOCATION is also an Allowance made upon an Ac-count; used in the Exchequer. See ALLOCATIONE. ALLOCATIONE Facienda, a Writ directed to the Lord Treasurer and Barons of the Exchequer, upon the Com-

plaint of some Accountant a commanding them to allow him such Sums as he hath in execution of his Office lawful-ALLODIAL, ALLODIAN, in antient Cufforms.

ALLOPIAL, or ALLOPIAN, in anneat Cultoms.—Terra
ALLOPIA, or ALLOPIAL Land, is that whereof a Pecino
has the abolate Property; or which he holds without paying any Service or Acknowledgment to any Superior Lord,
See Papersay. Ed... Sec PROPERTY, &c.

See Tagyrany, Se.
Such an Inderirance is Alladial, i. e. not fubject to any
Charge, Service, See See Fare Land.
In this Sonic, Alladial flank oppoint of Fendel, or Beneficiary. See Fers, Bererret, Se—See alio Artonico.
ALLODIUM, Actors, Artonico, Alladial
Alladia, See Fers, Bererret, Se—See alio Artonico,
ALLODIUM, Actors, Artonico, and Alladia
Alladia, and Alladia, and Alladia, and Alladia
to the Presions, for agreeity pelific literal pringing program,

to be Vicanium, Ien gnews follethe libera jurispine frequent of mon in Feudam Clientelari owere accept. See ALCOSIAL, After the Conquest of the Gauts, the Lands were divided in two manners, viz. into Benefice, Emergines and Allesta, Benefice, consisted in Lands given by the King to his Officers and Soldiers; either for Liste, or for a Time fixed.

Sec Benefice.

Allodes, or Allends, were fuch Lands as were left in Pro-crty to the antient Postesfors.—The 62d Title of the Salie Law, is, De Alladis; where the Word fignifies Hereditary Lands, or those derived from a Man's Ancestors. Whence, Allodium and Patrimonium are frequently used indiscriminately. See PATRIMONY.

In the amicus Capitulars of Chertensign and his Sucafees, we find Allact confinanty propoled to Fee Just, rown the Period of the General Race of Kings, it both the Presidency of Establish Lock childiga the Propiection of Establish Chertensia and Change also happened in Grameny, See, See Travers, The Ufurprise of the Peneda London of the Peneda Changes, but one Stymologiit or ALLONGE in Penedas Languages, but one Stymologiit or Allonge in Penedas Allonge In the antient Capitulars of Charlemaign and his Succession

ALLONGE, in Fencing, a Thruft, or Pais at the Eromy. See Pass, Guann, &c.

The Word is French, form'd of the Verb Allowger, to lengthen out a thing by piccing another to it.

longthen out a thing by piccing another to it.

ALLOTING, or ALLOTRANT of Goods, in Matters of
ALLOTRANT, or ALLOTRANT of Goods, in Matters of
Parts, to be bought by divers reforms, who're Names are
wrote on as many Picces of Paper, which are apply'd by
which means, the Goods are divided without Partiality;
which means, the Goods are divided without Partiality;
crey Man having the Parcel which the Le with his Nime

ALLOX, or Avv

on, a hippopyractes two. In Mattern of Coinage, etc. a Pro-John M. L. C. F., other Metal, mingled with a finer, or puer. See Mex As, Mixevus, 16:
See Mex As, Mixevus, 16:
See Mex As, Mixevus, 16:
The latention of Alloy, is to give the Gold a doe hard-tel, that it may not waite with wearing; and to increde in Weight, 6 as to counterval the Canges of Coinage. See SEIGNEURAGE.

Gold that has more of this, than it ought to have; is faid to be of a coarfer or greater Alloy, or below Standard. See STANDARD.

The Proportion of Alloy for Gold used in our Mints, is about a rath Part. See Colning.

The Word feems derived from the French, Ley, Law;

in regard the Alloy is fix'd by Law.

ALLUM, or Arum, Alumen, a kind of Mineral Salt, of an acid Tafte, leaving in the Mouth a Sense of Sweemers accompany'd with a confiderable Degree of Affringeory. Sec SALT.

The antient Naturalifts allow of two forts of Allinn; the one Native, the other Fastitions.—The Natural is found in the Hand of Mile, being a kind of whitift Stone, very light, friable and porous; and fireal'd with Flaments refembing

The Factitious Allum, is prepared in different manners, according to the different Marcrials whereof it is made.

Allum is of divers Kinds, Red, Roman, Circon, Phinology, Saccharine, and Burns. The three last of which, are

muje, Sacharine, and Burnal. The three lad of which, are not proper earlier of Illium, and represent the Countries where the clima is principally produced.—The English slimate, and the climate is principally produced.—The English slimate, and the climate is principally produced.—The English slimate, and the English slim

begins, in three or four Days, to gather into a Mass; which being taken out, washed, and melted over again, is fit

for alc.

The Mineral Stone, before it is calcined, being expeled to the Air, will moulder in pieces, and yield a Liquer whereof Coppers may be made; but being calcined it is fif for Allium.—As long as it continues in the Earth, or in Water, it remains a bard Stone.—Sometimes a Liquor will iffue out of the Side of the Mins, which by the Heat of the San

is turned into a Natural Allum.

In the Allum-Works at Civita Vecchia, the Process, as de-In the 20000-Works at Court of Veteria, me Frocets, as of-cribed by M. Geoffpop, is formwat different.—The Stone, which is of a ready may, being existing, they beil and dif-ficient the Calx in Waser; which imbilion; the Sat, i.e. the Allian, fequation is left from the whelle Earth. Latily, leav-ing the Water thus impregnated with Sait to thand for fome Day, it crystallizes of it felf, like Tartar about a Bu, and makes what they call Ratio or Ramssy Allians.

makes what they call Robb or Romany-Allum.

At Suffarray, near Prayacuti, is a confiderable oval Plaio, the Soil whereof is wholly faline; and fo hot, that the Hand cannot long bear it.—Pirom the Sufface hereof, in Summer-time, there arties a fert of Floor, or faitiff Duft; which being flower up, and cast into Pits of Water at the bottom of the Plain; the Heat of the Ground, without any other

of the Plains it he Heat of the Ground, without any other Fire, evaporates the Water, and leaves an Allum behind. Allum diffolives in Water, and what remains undiffolived at bottom, its often of Calic, which diffolives readily enough in Oil, or splitt of Virtiol.—And hence there ariles formed doubt, whether Allums, as it does not leave an Earth be-hand, due to profession for the Calic of Schin.—Mi. Boyle in the Calic of the Calic of Calic.—Mi. Boyle in the Calic of Calic.—Mi. Boyle of the Calic of Calic.—Mi. Boyle in the Calic of Calic.—Mi. Boyle of Calic.—Mi. Calic. On the Calic.—Mi. Calic. On the Calic.—Mi. Calic. On the Calic.—Mi. Calic. On the Calic.—Miles of Calic.—Miles

alteres we, that Antimo Der tobbé of its Salt, does in tract of Timo recover it again in the Alt. See Ann. The generally allemn is made of a Mineral which contains a great deal of Sulphurs and Virtello, not to be taken away bur by Calcination or Diffillation. The Matter remaining in the Iron Vedels used in Separating the Sulphur from the Mineral, being expedie to the Air or from time, became and a stind of baself Africa, which they lixtivate, crybellulue, and

The Word Allum comes from the Greek ane, Salt; or serhaps from the Latin Lumen, Light; because it adds a Lustre to Colours.

Aliam is of fome ufe in Medicine, in quality of an Ab-forbent; but being apt to excite Vomiting, is not much ufed inwardly, and rarely without some finouch Aromatick, as a Corrector.— Tis ufed outwardly in aftringent Lotions, and is an Ingredient in feveral Dentifrices.

It is a principal Ingredient in Dying and Colouring 3 nei-ther of which can be well performed without it.— It serves to bind the Colour upon the Stuffs, and has the same Uses

there, that Gum-water and glutinous Olls have in Painting. It likewife difposes Stuffs to take the Colour, and adds a degree of Brifkness and Delicacy to it; as we see visibly in cogget of Briades and Delicacy it it is see the valley in Cochineal, and the Grain of Scarler.

The Effects of Allians feem owing to its flyptick, or aftringen Quality, by which it binds the finer Parts of Colours together, and prevents their exhaling. Hence also it preferves Taper that has been dippl of in its Water, from finking when

raper that has even dipp a in its water, from mining when wrote upon. Sec Colorby, Drine, etc.

Sectorize Allows, bears a near refemblance to Sugar.— It is a Composition of common Allow with Rofe-water, and Whites of Eggs, boild together to the Confidence of a Pathy, and thus mouleded at pleasurer. As it cools, it grows hard as Surat Allum, Alumen Uflum, is Allum calcined over the Fire, and thus render'd whiter, more light, and casily pulverized.

the Five, and this render'd whiter, more light, and early "Promet Actave, James (Dresspin, is a fort failine, "Promet Actave, James (Dresspin, is a fort failine, miteral Sone, of various Colours, mod commonly white bookering on gene redmissing Franker Tak, except that the contract of t

See Fun.
The Word is form'd of the Latin ad, and ludere, to play.

ALLUVION, ALEVYO, in the Criti Law, an Accelians or Accretion made along the Sex-Borrs, or the Banks of Banks of Banks of Lange Kvern, by mean of Tempole to Tendralriens. So Ton Court of Tendralriens, Son Ton Court of Tendralriens, Son Ton Court Law places Affective its most places improved for Acquilition; and defines it to be a latent improved the Accretion.—Hence, where any condecrable Person of Coural is ton away at once, by an Intended to a grade to force neighboring Effect; this is not acquired by right to force implications, the chiral dispuls by the former from Calterius, burn the chiral dispuls by the former from

prictor.
The Word is form'd of the Latin Addino, I wash to 3 composeded of sd, and lsvo, I wash.
ALMACANTARS, ALMACANTARAS, OF ALMACANTA-

ALTA, in Africany, Soc Almurantas, w Almarata Almarantas Saff. See Almurantas Saff. Almarantas Saff. See Almurantas Saff. Almarantas Saff. See Almurantas Saff. Operating the Observations of the Observa-tions and Poblems of the Asinets, relating both to Geometrics and Poblems of the Asinets, relating both to Geometrics and Poblems of the Asinets, relating both to Geometrics and Poblems of the Asinets, relating both to Geometrics and Poblems of the Asinets, relating to the Company of the Company o and Aftronomy.

In the Original Greek it was called ois a pairs, q. d. Greatest Construction, or Collection: Which last Word Me-Greatest Construction, or Collection: Which last Word Meg(Re, joind to the Particle Al, gave occasion to its being called Aimageste by the Arabians, who translated it into their Tongue about the Year Soo, by Order of Maimon, Caliph of Balylou.—The Arabic Word is Atmosphesis.

of Basyon.—Inc practic word is Attnagerys.

Receive has also published a Reformed Altronomy, which
he intitles, after Polemy, the New Aimsgest; being a Collection of autient and modern Observations in Astronomy.

iction of anisent and modern Observations in Attonomy, See Astronometical Observation,
ALMANACK, or EPHENERIS, a Calendir or Table, wherein are fet down the Days, and Feafs of the Year, the Course of the Moon, &c. See Calendar, Years, Day,

Cauffe of the Moon, Gr. See CLARMAR, TARA, DAY, MOWYM, MOON, Gr. GW. World in make necesseral semantic Mowers, Moon, Gr. World in make necesseral semantic methods for the semantic method of the semantic method in the semantic met MERIDES.

MERIDES.

To fay no more, Verflegen writes the Name Almon-ac; and makes it of Sason Original: Our Anceders, be observes, ufcd to carre the Courte of the Mono of the whole Year upon a figure Stick, or Block of Wood, which they called Almonoglet, q. d. Almon-beed.

The modern Almanack and weeks to the Fafti of the antient

The modern Almanack naivers to the Patis of the antient Remains. See Parisy underly an Almanack, the Reader will find moder the Article Carthura.

Henry III. of Person, very productly decreed by an Octomanic of 1719, that 'No Almanack Maker Board predominance of 1719, that 'No Almanack Maker Board predominance of 1719, that 'No Almanack Alaker Board predominance of 1719, that 'No Almanack Maker Board of States or private Person, in Terms either expect or 'coret.' See Anymotomy.

The Patis of Cartella C

In the Philippp, Chierr, we have a perpendicular additional deferibed by Mr. R. Wood.

ALMANDIN, or ALBANDIN, a Precious Stone, of the Ruby Kiod; fomething lighter and fofter than the Orien-

and MATALIAN Processing and the Control of the Cont

as Maturity and Martin American Street, when the action of the Martin American Street American American Street, and the street American Street, are of a fort, The Owner American Street, are of a fort, and artitive a see much perfeited in Humilions, and for good effect in all Discoters from cholerick and actions on Humouser.—The Old of Society American Street, is a fife and uteful Kumech in modification. Fire, is a fife and uteful Kumech in modification. The American Street Street

For the manner of procuring the OU of Sweet Almonds, fee the Article Out.

Jose no Afficio Ost. Bitter Almonds, Amygdala Amara, are held aperient, deterrive, and disretick 3 and on those Accounts commended in Obstructions of the Liver, Spicen, Uterus, &c.—Some effects "om good to take off the Effects of Dranckennesh. Accordingly, Platterle telates, that Draspir's Physician, a flour Draspire, took down as even Con fine Bitter Shumet.

Accordingly, Printeres relates, that Dright's Physicas, & floor Drinker, took down at every Cap five Blitter Almonds, to allay the Heat and Fumes of the Wine.

The express of the Blitter Almonds, is much used to foften and deterge the Wax out of the Ear—Some affirm, which was the state of the Blitter Almonds of the state of the Blitter Almonds.

foften and deurge the Wax out of the Ear—Some affirm, that Bitter Humand braid, kill or flapily Food; for that they may be taken with the Hands: which, they for, jis a scent petchle damped the Bistonian American Some for the Bistonian Control of the Hands: which, have the fame Effect. The Word Almoud come from the French Annuales; which Manage devices from the Latin Annualds; and which Manage devices from the Latin Annualds; of Others at the order to from the Greek depl-Pows, which fightics that the Inne device is from the Greek depl-Pows, which fightics that the Inne device is from the Greek depl-Pows, which fightics that the Inne device is from the Greek depl-Pows, which fightics that the Inne device is from the Greek depl-Pows, which fightics that the Inne device is for the Greek depl-Pows, which fightics that the Inne device is the Greek depl-Pows, which fightics that the Inne device is the Greek depl-Pows, which fightics that the Inne device is the Greek depl-Pows, which fightics that the Inne device is the Greek depl-Pows, which fightics that the Inne device is the Inne device is the Inne device in the Inne d thing.

thing.

**Amound give the Denomination to a great Number of Preparation in Confederation of Preparation in Confederation of Preparation in Confederation of Preparation of

Faurer, Wan where are.

Tomors, Ed.

Each of 'em has a large oval Sinus, which opens into the Faurer; wherein are contained a great Namber of lefter once, which difcharge they the great Sinus a mucous and filippery Matere into the Faurer, Laprax, and Orolphagus, for the moillening and inbricating of those Parts. See La-RYNK, &c.

When the Oefophagus Mufele acts, it compresses the Al-monds; and as they are subject to Inflammation, they fre-quently are the Occasion of what the common People call a

quently are the Occasion of what the common reopic call a five Threat. See Oksorphatoys, Raucapo, 45°c. ALMOND, or ALMAN-Furnace, is a pecalur kind of Furnace, afed in Refining, to Geparate all Kinds of Metals from Cinders, parts of Melting-Pots, Teths, Bricks, &c. See Furnace, and Refining-Pots, Teths, Bricks, &c. See Furnace, and Refining-Pots, Teths, Bricks, &c.

The Almond-Furnace, called also the Sweep, is usually six The Dimond-Formance, called allo the Swings, I is usually used to high four words, and two which; built of Erick, and conclude the control of the control of

The Matter, then, on which the Operation is to be per-formed, being bear finall, they kindle Charcoal in the Far-nace, to anneal it; and when hot, they throw in two or three Shovelfuls of Coals to one of the foremention'd Stuff; and to proceed during the whole Work, putting Lay upon Lay of one and the other. After eight or ten Hours the Metal begins to run; and when the Receiver below is pretty full, they lade it out with an Iron Ladle, and cast it in

ty fall, they lade it our with an Iron Ladle, and call it is of sows, in Cavities, or Forens made with Affies.

ALMONER, anticotly also wrote Almara, or Aumoniar, an Officer in a King's or Princ's Houthold, whose business is to distribute America to the Poor. See Almas. The Lord Amoner, or Lord High Amoner, is an Eccle-fiaffical Officer, who has the Forfeiture of all Deodands, and the Goods of Folo's de fe, which he is to dispose of to

See DEODAND.

He had likewife, by an antient Cuftom, a Privilege to give the first Dish from the Royal Table, to whatloever poor Person he pleased, or, instead thereof, an Alms, in

Money. He also distributes daily to 14 poor Men, nominated by the Parlihoures of the Parlih adjacent to the King's Piace of the Parlihoures of the Parlih adjacent to the King's Piace Elected and Small Beer; each Pyrole first repeting the Creed and the Lerd's Prayer, in pecience of one of the King's Chapilan, departed by the Lord Atlanear to the King's Chapilan, departed by the Lord Atlanear to the Salls-Allenner's who is a fine of seator newcoold 2 Two-peners. Progress.

Frogress.

He has alfo the Charge of feveral poor Penficiers to the Crown, below Srairs 3 confilling of fuch as have fpent their Youth, and become fuperannated in the King's Service 3 or the Widows of fuch Hosfield Servants as died poor, and wore not able to provide for their Wires and Children, whom he duly pays.

he duly pays.

Under the Lord Almoner is a Sub-Almoner, a Teomass, and two Grooms of the Almoners, choice by his Lordfhip.

ALMONRY, or Ausers, the Office or Lodgings of the Almoner; also the Place where the Alms are given.

ALMS, Electrofyns, foracthing given our of Charity or Liberality, to the Post. See Charity, Almoner, 36. The Romanifts afte extend the Term to what is given to the Church, or other pious Ufes.—Hence, what the Church holds on this footing, is called Tenure in Alms; for accord-

ing to Raftal, Alms, or Tenure in Alms, is Tenure by Di-vine Service. See Tenure, and Service.

The Ecclefishicks were antiently fubfilled wholly on Alms,

See CLERGY, TITHE, &c.

See Clerk ov, Tivits, Sc.

The Ams of the primitive Chriftians were divided into
three Parts; one whereof belong d to the Biftnops, another
to the Pricits, and a third to the Deacess and Subdestons.

—Sometimes they divided 'em into foar; the lath
whereof

—Part of the Particle of Checket whereof

to the Precisi, and a third to the Decrees and Subblemon.

were to the Roya, and the Repulsing of Churches.

Clivedering, Hilmay of Mires, in the VIII-M Coursey, esjean, in the 4xd Chapter of his Rick, that a Prictal sefermed the Chapter of the Rick, that a Prictal sefermed to the Chapter of the Rick, that a Prictal sefermed to the Chapter of the Rick, that a Prictal sefermed to the Chapter of Prictal section of the Chapter of Prictal

that from the IV-G Coursey there were Women capital

to coulet. Alma for the Privaner. In all probability noise
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prictal that the Chapter of Course of the Prictal

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to the Prictal Section of the Prict

ALMSFEOH, or ALMESPEON, among our Saxon Au-

ALMSHEUH, or ALMESTEON, among our MANN Harcoftee, Amp-Many; that is Peter-penc, antiently paid in England on the first of Anguly; called also Romefeeb, Romefee, and Hourshpains, See Berna-Pence.
ALMS Houfe, a House built by a Person in a private Capacity, and cadow'd with a Revenue, for the Maintenance of a certain Number of poor, aged, or disabled People. See

of a ceruin Number of poor, aged, or anneau acoperal AMUCANTARS, ALMACANTARS, or ALMACIANTARS,
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Azimuths and Horizon, that the Parallels are with regard to the Meridians and Horizon.

the Meridians and Horszon.
They ferve to fliew the Height of the Sun and Stars; and are deferibed on many Quadrants, Es. being also called Parallels of Allistude. See Parallels of Allistude.
The Word is formed of the Arabic Allimosambarat. Inc. word is form of or the Arabic Atmocantizard:

AnsweanArab-Saff; is an Inflarment usually made of Peastree or Box, with an Arch of 13 Degrees; chiefly also to take Obdervations of the Son, about the Time of its rifing and fetting; is order to find the Amplitude, and cook-quently the Variations of the Compain. See Amelitudes.

quently the Variations of the Company and Variations.

ALNAGE, or Authade, q.A. Ell-measure; the meafairing of woollen Manufactures with an Ell; and the other
Fanctions of the Almager. See Almaders.

The Word is French; form'd of Aune, or Alme, an Ell

The Word Is Prince; name to norm; and the Sec ELL. Law, relating on the Joine; Sit J. Child delivers. All out are subling to the wind making of our Memachtens, and projected in there are nature Campachia, and projected in thereo.

ALNAGER, ALRICAI, Or ACRESIA, of A Morphory of the Ell's inguities a from public Office; who by infinisfic or Deveny, is not to book to the Affine of worder by the Ell's inguities a from public Office; who will work thereof; and to the Scala for that purple or shalled See ALNAGE, CLUTTA, Eff.

There are now three Officers relating to the Almage of Regulation of Cloth; all which were antiently comprized in one Perion.—These bear the diffinit Names of Searches,

one Tection.—These bear the dilithed Names of Searcher, Magharer, and Mingere on woodlene Croths, for the Mainte-man of the Magharer of the Mandelburg, and the control of the Magharer of the Mandelburg, and the Magary, who had the Directlian of the whole, it now be-come only the Calcher of that Davy as Subday general wi-the King; who he fill holds the antient Denomination, by "New was the bridge of the Machingrang and Searching, till Day his own neglect it was thought proper to feparate the row Offices. So that there is now a peaclike Madistre, of distalt beam the Magary or Collector, or above the Afficial found from the Magary or Collector, to above the Afficial and Maria.

ALOES, Azoz, in Medicine and Pharmacy, the infpifiated Juice of a ferulaceous Plant of the fame Name; much
midd as a purgative Remechy. See PenoArtive.

The After Plant grows in divert Parts of the Eafl and
Wift-Indies; and is all found in form Countries of Europe,
as Spam, and particularly the Mountains of Stere Mercan.

as opairs, stud particularly the modulates of steen spores.

Its Leaves are green, very thick, hard, and prickly y yielding a kind of Cotton, whereof Laces may be made. Out of the middle of the Leaves ariks a Stem, which bears the Flower, and the Fruit, the Seed whereof is very

light and hemispherical.

Dieferides, Pluny, and the antient Naturalists, seem on

Differentials, Fluny, and the amicer Naturalith, feem or you to have been acquainted with one Species of Allets; which is the Allet Fulyarra above deferibed; But the late the Differency of forey more form, andhown to Assignity, Mr. Bradley affires us, he has fees above farty feered Mind in the Physick Canden at Ameliander Mr. Schaff Allet is see become the Denomisation of a Genua.—Among the Mamber, however, there are not above touch that yield

Number, however, there are not above twelve that yield he puggilled piles above mentioned. The place of Extra of or Abov, is situally diffinguilled in the place of Extra of or Abov, is situally diffinguilled in the place of Extra of the Abov, is situally diffinguilled in the place of Extra of the Abov and the Abov a

with the following lost; as, in cliedt, there are but wo forst commonly known in our Shops.

The third is the most impure, the blackeft, and two frongest.—It was formerly used by the Indians to plich their Vesicles withal: and is of little Ufe among us, excepting for the Herries and Cattle for which reason is call'd Cabalium, i.e.

Horfe-Alses.

Befides their, fame mention another kind of Aloss pre-pared in Barbadoss, and brought over in large Gourds: but most Writers make this the Caballine kind. Some have imagind, that their differences of Aloss were

Some have imagined, that these differences of Alex were owing only to the generacy, releft himitation of the judice. But this is a Mittake, it having been found that so Different the second of the property of the property of the contraction, or declarities to the property of the proper

Sun, till it becomes of a proper Constitence.

Mee is extremely biter, and pungative; externally applied, either in Subfiance or Tinefune, it prevents Patterfaction and Gangene—Its Bitternefis makes it for nucleous, that it is rarely sided in liquid Forms, but is generally made into Fills, whereof ball a Dram is an ordinary Dofe.—Scarce any of the Officinal Fills are without this in their Composition. See Pitt.

Its cathartick Virtue, is best employ'd in watery, cold, and corpulent Constitutions, as it heats and attenuates; being bad for thin and hestick Constitutions. It is accounted efficacious in promoting the Menfes; and is also good to effroy Worms.

deltroy Worms.

M. Zenidze, by his Auslysis of Aleet, has found that the Succorine Scarce contains half the Resin or supplyments Part, but one third more of the failine Part, sound in the Hepatic Hence the Succorine comes to be preferable for internal Use, and the Hepatic for external.

Ules, and the Hepatic for external, Actor Refeats, is a Preparation of the Aless Julee, made by diffidiving it in Julee of Damask Rofes, and evaporating it to the Confidence of a Paffe. Then, more Julee is added, and the Evaporation repeated, again and again.—This is beld a genier and laft Cathardick than the Alfest alone. Actors is also a kind of fragent Indian Wood; the called from in exceeding Distraction, which refembles that

of the Aloes Juice.

causes some in executing instruction, waten refemble that This After, called also Agathetium, is infinitely valued) and divera frampe Fabbet have been increased as to the Original Agathetic and the Agathetic and Agathetic and

called Calan

The Heart, of innormost part, is called Tambet; and more valued by the Indians than Gold it fell. It affords a very strong, but agreeable simel; and is need as a Pering and is withal held a fovereign Remedy against the Patry,

and is withal held a lovereign Remedy against the Patty, Deliquiums, Weckneffes, Eg.

This the Celembou alone that is known among us—It is brought in final bits of a very fragrant force, ejectally when cast on the Fire, where it metrs like Wax. The best is of a blacklift purple Colour, and so light as to fain on Water 1: is hot and drying; and eiteem'd a great Strengthener of the Nerves.

theore or the Nerves.

Some pharmaceutical Writers make a Diffinction between

Most, Ligaum Mest and Noto Mest; which may amount
to the three Orders of Wood abovementoold. The amoug
us they are the fame thing.

ALOETICS, Medicines wherein Aloes is the chief and

fundamental Ingredient. See ALDES.

The Word is form'd of Alber, which is further derived from 20, the Sta, or Salt; that Plant being chiefly found near the Sea-Coafts.

ALOGIL, or ALOGIANS, a Soft of anticut Hereticks; who denied that Jelus Christ was the Eternal Word. See ARIAN.

Theodore of Byzantium, by Trade a Currier, having Yesolove of Eposantium, by Trade a Currier, naving apoliarie d, under the Perfication of the Emperor Sourras; to defend himfelf against those who reproach d him therewith, faid; Thas it was not God he deuted, but only Man. Whence his Followers were called in Greek 20-91, in regard they rejected the Word; from the Privative e, and 25/97,

ALOOF, a Sea Term, fignifying as much as, keep your Luff: being a Word of Command from him that come, to

Laff: belign a Word of Command from him that comis, to the Man at the Helm, to keep the Ship near the Whiel, when the falls upon a Quarter-wind. See Cossens, He., when the falls upon a Quarter-wind. See Cossens, He., of the Child, for the Command of the Child, for the Child, for the Command of the Child, for the Child, for the Command of the Child The Word is form'd from abone, Falley, a Fory whole Unite, it is fall, will exceide Balledies or because facts a Difficult is common to that Cresture. ALPHA, the Vanner of the first Letter of the Greek Al-ALPHA, the Vanner of the first Letter of the Greek Al-

phabet. See Letter, and Arguster of the Greek Na-phabet See Letter, and Arguster Smertimes, Priva-tion, in the fame Senfe with arg, evitbour; foractimes Aug-mentation, as apar, much; and foractimes Union, as apar-mentation, as apart of the Arguster Survey and Arguster States. together.

It was also used as a Letter of Order, to denote the first and of Number, to figoify one; but when it was a numerical Letter, a little Stroke, or an acute Accent was drawn above it thus A, to diffinguish it from the A, which was a Letter of Order.

Letter of Order.

The Word is originally Hieleren, and comes from PyN
Meph, which fignifies as hears, wheene PyN, the Leider
or pilet of a Cappage. In this Societ, the Hieleren call to be
en pilet of a Cappage. In this Societ, the Hieleren call to
Araba Eliph, and the Greeke Alpha. See A.
Highs and Omega, in the Drives Writings, fignify the
Alphas and Omega, in the Drives Writings, fignify the
Highes and Omega, in the Drives Writings, fignify the
Highes and Omega, in the Drives Writings, fignify the
Highes and Omega, in the Drives Writings, fignify the
Government of the Greeke Alphas and Drives Alphas
Order In Family of the Cappage Alphas
The Wood is formed from the Names of the two office
The Wood is formed from the Names of the two office
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Lates who are found in our feet. Notices of the two the course of the feet of

34 different Chambers, ferting afide the double Letters was due, and the fuperflows one q. See En axies. (e.g. the with The Difference between Languages, with TTP. Effects of the Children, Spring, and Sometrian displayates, have each as the Arabic 88; the Prefile \$1; the Turbell' \$3; the General \$4.5 the Latin \$2.3 the Sciencist \$4.3; the Latin \$2.3 the Sciencist \$4.3 the Latin \$4.3 the Sciencist \$4.3 the Latin \$4.3 the Sciencist \$4.3 the Latin \$4.3 the Sciencist \$4.3 the Scie

Spanips 27; the Large Paramet 19.

Brannet 19.

The Exhibition has no left than 20.2 Letters in its Alphabet, there being? Vowels, which they combine with each of their 20.

Toco

— The life is field of the Tataratina gocks of their Let-ters is a Syllished, buring one of the Vowcas joined to its Codinaria at Let. Let. Mr. to Vowcas joined to its Codinaria at Let. Let. Mr. to Compare the Con-cept we call their whole Language their Highest's thir Letters are Words, or enther Hierophyshicks, and are in Number about 800000. See Centrass, and Consacrass, or Number about 8000000. See Centrass, and Consacrass, confing to the juli Raise of Racifon and Analony, but fise cellinely famed, here'd, Get. as occasion official—Analone confinence on the part of the Concept of the Con-cept of the Concept of the Concept of the Con-cept of the Concept of the Concept of the Con-traction of the Concept of the Concept of the Con-traction of the Concept of the Concept of the Con-traction of the Concept of the Concept of the Con-traction of the Concept of the Concept of the Con-traction of the Concept of the Concept of the Con-traction of the Concept of the Concept of the Con-traction of the Contraction of the Concept of the Con-traction of the Contraction of the Contraction of the Con-traction of the Contraction of the Contraction of the Con-traction of the Contraction of the Contraction of the Con-traction of the Contraction of the

and diver accumps to establish new, some more in their place of the filter and th

Even the Hebrew Alphabet, from which the relf are derived, is not free from this imperiection.

As to Namber, they are both redundant, and deficient:
Redandant, either by allotting feveral Letters to the fame
Power, and Sound; as in the Hebrew n and my and the Power, and Sound; as in the Hebrew D and my and the ordinary Latine and h_i and pb to red yecknoing double Let-ters among the fimple Elements of Speech; as in the He-brew y_i , the Greek ξ and k_i , the Latin q ex, x es, and the j-Comfonto, q-Od.—Deficient in divers reflects, effectably in regard of Vowels, of which there are leven or eight kinds commonly used; the the Latin Alphaber only takes notice of five; whereof two, viz. i and u, according to our English Pronunciation, are not properly Vowels, but Dip-

though.
Add, that the Difference among Vowels in respect of long and finer, is not sufficiently provided for: The Anients, we know, nief to experted a long Vowel by doobling its Characker; as **Jonatakon**, Nanta, Rev. Strder. Strder. Strder, Str in Englich für Jenghanien, and abbreviaring Voorels, virs. by deling equifector to the End of a Wood, for people as Sylinke; and doubling the following Confinence, for the Cole by infecting forms of the Voorels, or the Area of the Sylinker of the Area of the Sylinker of the Area of the Sylinker of the Area of the Are

who fame Signification i The Vowels, for inflators, are goes-cate once planiples, for Lifting and Pigliar affects at the sea the American said their Vowels very different ways, adopted-tion, the American said their Vowels very different ways, adopted-tion of the Company of the Company of the Company of the than fix fevral ways, eig. by e.g. at in fe, are, for, ye: "by fe, in feet, per ery — by its plant, profit, yet for, for the yet, in feet, per ery — by the plant, profit, yet for, for the yet, in feet, per ery — by the plant, per ery per ery feet, per ery per ery

From this Confusion in the Power of Letters, there aris divers Irregularites 4 2s, that fome Words are diffinguish'd in Writing, which are the fame in Pronunciation, e. g. Coffic diven frequênties; as, that tome weren ste companies in Writing, which are the time to Promundation, e.g. Ceffor in Writing, which are the fame to Promundation, e.g. Ceffor which see the fame in Writing at give, drev, and Green expendent, Nr. Hence als the Latin Adn., is a Diffyllable, and the Companies of the

Advantage over the reft.

Lattly, their Figures are not well concerted; there being othing in the Characters of the Vowels answerable to the nothing influence the contracted of the different Degrees of Apertion: nor in the Confinants, analogous to the Agreements or Difagreements thereof.

All these Impersections are endeavourd to be obviated

Configures to which they add so other adjustred Sylthick. In the University Application, or Chandlers of Mr. Ledwist, — The like is field of the Turnstran 5 cech of their Letlither Whithis, the C. See University Chanacarra, see it is Sylthick busing one of the Vorce's joined to its Configures at Mr. Let, Let, Li, See ...

The Clarge have a of highest, proceeding chairs, excomparison to the Configuration of the Configurati

ages should be so small, and that or the same ages from a Calculation made by Mr. Prestet, it appears, ce from a Calculation made by Mr. Prestet, it appears, the difference of the same statement of nince from a Catchardon Inacte by Mr. Prefire, it appears, the different Words or Combinations that may be made out of two by the first two by two, three by three, Sc. would amount to the following Number, 1839,774248,8873,5499945,1448,634,94290. Sea COMBINATION.

COMBINATION.

It may be here observed, that every Combination may make a Word, even the that Combination have not any Vowel in it; because the e-muste or quiescent infinuates it felis imperceptibly between the Consonants, or after the Comier imperception) retween the Comonants, or after the Com-fonants, where there are but two; the latter of which would not be heard without it.—The use of this quiescent is twe-ty remarkable in the Armenian, Welch, and Dunch Lan-guages; wherein the generality of Words have several Con-

fonants rogether.

Nor must it be omitted, that every fingle Letter may make a Word: which is very apparent, where that Letter is a Vowel; Words of that kind being found in most Lanis a Vowel; Words of that kind being found in most Lin-guages. Thus, a and a make Words in the Greek; a, a, in the Latin; a, i, a, in English; a, a, y, in French; a, a, i, a, in Indian; a, y, in Spanish; a, a, in the Perringue; a, in most Languages, and even in the Dutch and Socials. A Confenant also becomes a Word, by adding an e mute to it in Pronunciation

is in Promunciation. In fine, the Association of the option Community in the Community of t

by learned Mea, as if he affirmed that there are in the Learner no fast has possessed by user jaining into the Story of the Training into the Story of the Parliage, B those Parliage robertee, that this Number Words is the Learner, but the giast Victory made therein, but the giast Victory made therein the Carlos of the Carlos of the Story is the Carlos of the Story is the Carlos of the Story is the Carlos of the Victor and Carlos of five hundred feveral Varieties 1 He further Guest Andread of five hundred feveral Varieties 1 He further Guest Orden of the Carlos of the Ca

few Killion. See Wean.
Atmants, in Matters of Polygraphy, is a daplicate of the Key of Cypher, which each of the Paries corresponding the Key of Cypher, which each of the Paries corresponding to the See Table 1. It is properly an Afforder of the said Letters diffyoid in their Drders oppositie to, or underneath which, are the Generic Characters corresponding thereon, with the blank of utilies Letters, and the other Signs or Symbols ferring to thomas, and render it difficult to decypher. See Discretized to the Cypher is the December of the Company of the Cypher in the Cypher is the December of the Cypher in the Cypher in the Cypher is the December of the Cypher in the

ALPHETA, in Aftrenomy, a Fix'd Star in the Northern Crocen; otherwife called Lucida Corone. See Lucida. Its Longitude, Latitude, &c. see among the rest of the

In Longitude, Latitude, &c. Be, among the relf of the Capitaliane Cost on Septemiosalization.

ALPHOS, in Medicine, a Distance Leichted by Coffe, ALPHOS, in Medicine, a Distance the Same of Vittige, wherein, the Skin is rough, and books as if it had Drop of white upon it, not much differing from Merphow. See Mongrature.

ALRAMECH, or Ann. America, in Afticonomy, the Archiv. Smac of a Setz, otherwise California. See Accept

ALT, in Mufick. See DIAGRAM, and SCALE 1 fee also

Alto. Word is form'd of the Latin altus, high.
Alto Alto Alan, Altaraz, a Piace or Pile whereon 10
Altara, Ana, Altaraz, a Piace or Pile whereon 10
offer Sacrifice to Some Delty. See Sacaspiecs.
The feeth and their Brasen Alter, for Bent offerings, and a Golden Alter, or Alter of Incomp. See Taberra-CLE, Ec.

Among the Romant, the Altar was a kind of Pedelfal, either fquare, round, or triangular; adorn'd with Sculpture, with Baffo Relieve's, and Inferiptions, whereon were barns the Victims sterificed to Idols. See Victim.

Those filters for sum for the houses of the celefful Gods, and Gods of the higher Called Gods, and Gods of the higher Called Gods of the higher Called Gods of the Higher Called Gods of the Gods of the Higher Called Gods of the Earth, and called Arse—And on the Cantre, they day into the Earth, and opper a High for the Gods of the Higher Called Gods of the

Gon.

The Greeks also diffinguish'd two forts of Altars; that whereon they facrified to the Gods, was called \$\pmu_{\text{sq}}\eta_1\$, and was a real \$Atars; different from the other, whereon they facrified to the Heroes, which was smaller, and called \$\epsilon_2 \text{sq}\$. CF. Polinx makes this Diffunction of Altars in his Onomafricon : He adds, however, that fome Poets used the Word steen: He adds, however, that fome Poets wied the Word systems, for the Miss whereon Sertifice was offer'd to the Gods.—The Septragint Version does sometimes also use the Word stytems, for a form of little low Miss, which may be expected in Latin by Craticule; being a Hearth, rather

n an Altar. The Jews also gave the Name Alter to a kind of Tables, occasionally rais'd in the Country or Field, whereon to facrifice to God.—In such a Place, he built on Altar to the

ALTAB, is fometimes also used among Christians, for a fquare Table, placed on the Eastern fide of a Church, rais'd a little above the Floor, and fer apare for the Celebration of

the Eucharit. See Evenanist.
Its Form is not borrow'd, either from that of the Hea-

then Altars, or even from that of the Jews in the Tem-ple; but in regard the Eucharit was infituated by Jefus Chrift at Supper, and upon a Table, the modern Altar is made in form of a Table; whence it is more usually, and even more fignificantly denominated Communion Table In effect, the Denomination Altar is founded on this Sup-

In enect, the Denomination Altar is bounded on this Sup-perficion, that the Eucharili is a proper Sactifice, which, this the finaling Docktine of the Church of Rome, is surterly de-nied by most of the Reference. See Masse. In the primitive Church, the Altars were only of Wood; as being frequently to be removed from place to place.— The Comail of Parts, in 1909, decread, That no Altar flouid he batic but of Stone.

At first there was but one Altar in each Church; but the Number soon increased; and from the Writings of Gregory

Number Goe interest's just from the Writings of Gregory, the Gents, who leved in the VHs Centsy, we learn, that there were functiones 1 so 1; 1.

After is formerines fethinded on a fingle Colorin, as in the fabreraneous Chapelo 65s. Certilis 18 Rome, &c. Gonneimes, by fore Colomns, as the After of St. Schrifts of Gregory Armeter's but the cultomary Form, is, no be a Minister of Store-wish, fabrilling the Colorina is the After of St. Schrifts of Gregory After St. Schrifts of Gregory and St. Schrifts of Gregory After Aft ly held their Meetings at the Tombs of the Marryes, and celebrated the Mysteries of Religion thereon. For which Reafon, it is a standing Rule to this Day in the Church of Reme, never to build an Atar, without inclosing the Relicks of fome Saints therein. See Relick, Saint, Church-

Tard, Sc.
Arran of Pershelli, is a Name given by the Greek to a finaller, recurstory kind of Allers, whereon they block the Bleed, before it he carried to the large Allers, when they have been been a finally and the second of the pershelling the pershelling the pershelling to the Section of Secti

lies of Prehight.

Atran is ido widd, in Church Hiftery, for the Obiations, or consingent incomes of a Church. See On Arroxs,
and the Church Church. See On Arroxs,
and the Church Church Church Church
Lessel of the Church Church
Lessel and the Church
Lessel and t

the Southern Hernifiphere, poir visible in our Climars. See Stran, and Construct Lawren.

See Stran, and Construct Lawren.

See Stran and Construct Construct Lawren.

See Stran and Construct Lawren.

Properties thereof By this, Alteration is diffinguish'd from Generation, Corruption; those Terms expressing an Acquisition or Loss of the effential Qualities of a thing. See Generation,

and CORRUPTIO

and Correverson. The modern Philosophers, after the antient Chymifft and Corpullatriam, bold all Merations to be effected by means of local Motion. According to them, it always conflict either in the Emittion, According, to them, it always conflict either in the Emittion, According, Union, Separation, or Transposition of the component Particles. See Parvices, 15c.

Artificial makes a preculiar kind of Motion, which he calls the Astrony of Micration. See Morrows, 6c.

calls the Motion of Micration. See Morston, effe.
ALTERANT, eALTERANTS, Modicion, a Property, or Power in certain Remedies, whereby they induce an Adversation in the Stell, and difficult for the Health or Macrosin and the Stell, and difficult for the Health or Microsin and the Stell, and the Health of Health of the Health of by climinating or expelling fome peccant Matter. See Dis-

EASE, SPECIFIC, U.S.

Dr. Quincy has made it probable, that Remodies ufually reputed Alterants, act in the fame manner on the remoter and more intimate Parts of the Habit, as Emericks, Purgatives, U.S. don the Stomach and Intellines. See

URGATIVE.

Alteratives, therefore, are better defined, fuch Medicines as have no immediate fenfible Operation, but gradually gain upon the Confliction, by changing the Humours from a State of Differmperature to Health. ALTERCATION, a Debute or Contest between two

Friends, or Acquaintance. They never come to an open Quarrel; but there is con-mally fome little Altercation or other.

The Word comes from the Latin Altercari; which an-

ently fignify'd to converfe or hold Difcoarfe together. See

DIALOUS.

ALTERN Zeß, a Term in Trigocomery, contraditingain'd from true Zuß, thus—In an oblique Triangle, the true Bafe is either the Sum of the Sides; in which Cafe, the Difference of the Sides is called the Aftern Bafes or, the true Bafe is the Difference of the Sides; in which Cafe, the Sum of the Sides is called the Aftern Zaß. So

ALTERNATE, or ALTERNATIVE, is underflood of fe-eral Things which succeed, or are disposed one after ano-

versi Things which tuccood, or are dispoted one atter ano-ther, i. e. by turns.

In this Senfe, we fay, an Alternate or Alternative Office or Truft, which is dicharged by turns: So, two general Of-ficers, who command each his Day, are faid to have the Command alternately In Botany, the Leaves of a Plant are faid to be alter-

nate, or placed alternatively, when there is a Correspondence between the Sides of a Branch; the Leaves of the one, following those of the other.

one, following mose of the other.

ALTERNATE Angles, in Goometry, are the internal Angles made by a Line cutting two Faralleis, and lying on the oppofite Sides of the cutting Line; the one bolow the first Farallei, and the other above the fectond. See Angle.

Thus, w and m, and w and p, (Tab. Geometry, Fig. 46.) are Alternate Angles.

There are also two external Angles, alternately opposite to the internal once. See Opposite.

to the internal once. See Uppositie.

AUGATION ALTERNATE. See ALLIGATION Alternate.

AUTERNATE Ratio, or Proportion, is where the Antecedent of one Ratio is to its Confequent, se the Antecedent of another, to its Confequent; the very fame Ratio, in this Cafe, holding alternately in respect of the Antecedents to each other, and the Confequents to each other, sand RATIO

Thus, if A : B :: C: D; then, alternately, A : C :: B:D. Sec PROPORTION.

Sec ProyonTion.
Altzinnart, in Heraldry, is used in respect of the Sissation of the Quarters. Sec Quarters.
Thus, in Quarterly, Exercice, the first and fourth Quarters are alternate; and are usually of the same Nature. This
like holds of the second and third. Sec Quarternare,

like bolds of the fected and third. See Quartraine, qu

ALTERNATIVE, is particularly used for the Choice of two things proposed—In this Sense, we say, To take the Miternative of two Propositions. See ALTERNATE.
ALTINETRY, ALTERNATIVE, the Tot taking or measigning Altitudes, or Heights; whether accessible or inaccessible.

meatang Altitudes, or Heights; whether accumine or inse-ceffible. See Altitudes.

Altimetria makes the fift! Part of Geometry; including the Doctrine and Practice of meataring both perpendicular and oblique Lines; whether in relpect of Height, or Depth. See Grosswary; fee allo History, Eds.

The Word is compounded of the Latin Altus, high, and

I medius, I medius, I medius, I medius, Medius, Medius, Medius, I fubtended between a Line drawn thro' the Eye, parallel to the Horizon, and a Vifual Ray emitted from an Object to

the Horizon, and a Vinus ANY critico aron as objective. For let form of the Filling of Arrivon, fee Vision, If they the two Extremes of in Object, 8 and T. (This Opping, Fig. 19, 19 we Firstlich, Y. V. and 50 & be down to the Venece 6, and terminating the Shadow thereof in V. marke, with the right Line I'V, which is claicle, by form the Venece 6, and terminating the Shadow thereof in V. marke, with the right Line I'V, which is claicle, by form and the contract of the Venece 6, and terminating the Shadow thereof in V. marke, with the right Line I'V, which is claicle, by form of a Body, or Object Line I'V, which is considered to the Venezia of the Vision of the Vision

ACCESSIBLE, and INACCESSIBLE.

There are three Ways of Mesfaring Altitudes, viz. Geometrically, Trigonometrically, and Optically.—The first is formewhat indirect and narriwl; the Second, performed by means of Instruments for the Furpose; and the third by Sha-Zass

The Inftraments chiefly used in measuring of Altitudes, are the Quadrant, Theodolite, Geometrick Quadrat, or Line of Shadows, &c. the Descriptions, Applications, &c. whereof, see under their respective Articles, Quadrant, THEFOLITE, QUADRAT.

To take Accossible Aurirones.

To mappine as area fible hittande, presentrately——suppose is required to find the difficied AB, (That General, Fig. 83.) plant a SmiT DB prepradicularly in the Ground, plant a SmiT DB prepradicularly in the Ground, which was the suppose of the first plant a SmiT DB prove in the first cipht Line with the 5 ptc. C₁ and prove in the first cipht Line with the 5 ptc. C₂ and the first cipht Line with the the Fig. 2 ptc. and the first cipht Line with B and the Eps 1 ptc. and the first cipht Line with B and the Eps 1 ptc. and the first cipht Line of B and To measure an accessible Altitude, geometrically. -Sup-

and the whole bottom proposed to the 1-th does not able the conquient, AB.

Je medium as a conflict Alterode, trigonomercially—Supposed in required on and the chitistic Ab, (T.N. Frigonomer cold), of the required on and the chitistic Ab, (T.N. Frigonomer) are predicted to the chitistic Ab, (T.N. Frigonomer) are predicted to the chitistic Ab, (T.N. Frigonomer) and the Line State of the chitistic Ab, (T.N. Frigonomer) and the chitistic and the chitistic Ab, (T.N. Frigonomer) and (T.N. Frig

LOGARITHM.

If there happen an Error in taking the Quantity of the Angle A, (Fig. 34.) the true Altitude B D will be to the falle one BC; as the Tangent of the true Angle D AB, to the Tangent of the cremeous Angle C AB.

Hence, Such Error will be greater in a greater diringle than in a left: and hence also, the Error is greater if the Angelo be lefter, than in a left: and hence also, the Error is greater if the Angelo be lefter, than if greater.— To sow did he leconvenience can of both which, the Sustain is to be pitch? do an ex a me-decree Diffuser, is as a the Angelo of Minnies, D. Elb, may be nearly ball rights.

Applie, if the figuration were not horizontally placed, Applie, it was not before the size of the transport of the Allerian than the Company of Angels. I'll be true.

Allittate will be to the curroous one, as the Transport of the more Anales. In what of the crumoscan part.

Altitude will be to the eronocous one, as the Tangent of the true Angle, to that of the erromous one.

To meetire an accelible Altitude optically, by the Saw, See Santone.

To meetire an accelible Altitude by the geometrical Quadratic—Suppose in accelible Altitude by the geometrical Quadratic—Suppose in equired to find the Altitude A B, (Tah. Grow, Fig. 5c.) chading a Sixtion at pleasure in D, and meastaring the Diffusion thereof from the Object, D B; turn orange in the Altitude A B, (Tah.

menfaring the Diffusce thereof from the Object, DB ± use the Quedest this and that way, till the Pop of the Tawa the Quedest this and that way, till the Pop of the Tawa Is, then, the Thread cut the right Shalows, Ray, As the Part of the dright Shadows cut of it, no the file of the Quedest; is in the Diffusce of the Surface DB, to the Part of the Allmark AB.—The Demonst cut the verted Shadows, the Allmark AB.—The Demonst cut the verted Shadows varied Shadow cut off i fo is the Diffusce of the Station DB, to the Part of the Diffusion of the Station DB, to the Part of the Diffusion of the Station DB, to the Part of the Diffusion of the Station AB, therefore, being found in either Cafe, by the Raje AB, therefore, being found in either Cafe, by

the Sum is the Altitude required.

To take Inaccoffible Arrivotes.

To measure an inaccessible Altitude, geometrically.— Suppole A B., (Fig. 89.) an inaccessible Assistade, so that you cannot measure to the Foot thereof. Find the Distance CA, or F H, as taught under the Article Distance: procoed with the reft as in the Article for accessible Distances.

CA, or PR, as angiet under the Arricle Districts: 1 years out with the real in in the Arricle to secondition Diffusion.

Chair was Stations, G and R, (Tab. Trigomos.Pg. 1, 1) in the fame right Levi with the required failuring A B, and a few control of the Carlon o

Adding, therefore, AC and CB; the Sum is the Alt-tude required, AB.

To find an inacceffible Altitude, by the Shedom, or the geometrical Equatration—Challe two Stations in D and H, (Tab. Geom. Fig. 90.) and find the Diffusce DH or GG: oblerve what part of either the right or verted Shadow is cat by the Thread.

can by the Thread.

If the right Standows be cut in both Stations, Isy, Arther the Continue to the Continue to

and the mean of the country of the c

6a.) from which Point you had definited the Quadrand Arch AR. Make CE equal to the Height of the Pin or cequal to Go, the length of the Pin or the Height of the Pin or the Height of the Shapes, y then will a River in the Height of the Shapes, y then will a River in Branch and the Height of the Shapes, y then will a River in Branch Point In the Height of the Pin of the Height of

SPHERE, HORIZON, DISTANCE, &C. STREER, HORION, DIVIANCE, Ed.

This Aftinish may citche be true or apparent.—If regard
be had to the rational, or real Horizon; the Altitude is
faid to be true or vest. If to the apparent, or femilibe Horizon; the Altitude is apparent.—Or rather, the apparent
Altitude is fach as to appears to are Observation; and the
true, that from which the Refraction has been fabrached.

Mittatés I siech auf appear to our voucrouss jans un tren, char tiens wich ein Kenfetzboh ab been falterzheit.

The Altitude of a Star, or other Point, is poporly an Arch of a Vertain Clorch, interceptod between the ellipse of Point and the Hotison. See Varreax—Heero (Chec; a Meridan Altitude, that is, the distinct ordal Chec; a Meridan Altitude, that is, the distinct ordal Chec; a Meridan Altitude, that is, the distinct ordal Chec; a Meridan Altitude, that the distinct ordal Chec; a Meridan Altitude, that is, the distinct ordal Altitude of the Meridan Altitude of the Son, or a Star, To object the Meridan Altitude of the Son, or a Star, **Survey Altitude.

DIAN Altitude.

To observe a Meridian Altitude by means of a Grom

ALTITUDE of the Pole.—Since the Meridian pattles thro' the Poles of the World; the Altitude of the Pole, is an Arch of the Meridian, intercepted between the Pole and the

Horizon.

76 offerne the Altitude or Elevation of the Fele, (cc E-exactors, and Folts.

The distinct of Polic coincides with the Latitude of The distinct of the transport.

Astronomy of the Equator, is the Complement of the Altitude of the Folts of Sudants of a Circle. See Elevation of the Equator.

27 find the Astronomy of the Sun, Stars, &c. by the 27 find the Astronomy of the Sun,

Globe. See Groze.

AFTITUDE of the Nonage final, is the Attitude of the 19th Degree of the Ecliptic, reckon'd from the East Point. See NONAGESTMAL

Refriction of ALTITUDE, is an Arch of a Vertical Circle, as Si, (Tab. Altronomy, Fig. 18.) whereby the Altitude SE, of a Star or other Body, is increased by means of the Refraction. See Refraction.

Parellax of ACTIVES, alled also simply Parellax 3 is the difference CB, (Tab. Astron. Fig. 27.) between the trase and apparent Place of a Star 3 or, the Difference BC, between the trae Distance of a Star AB, and the observed Diffance A C, from the Zenith A.

The Parallax diministres the Altitude of a Star, or in-

creafes its Diffance from the Zenith.

To find the Parallan of Altitude, &c. fee Parallan.

ALTITUDE of a Figure, in Geometry, is the Diffance of its Vertex, from its Bale; or the length of a Perpendicular let fall from the Vertex to the Bale. See Figure, Base,

Thus, K.M., (Tab. Geometry, Fig. 19.) being taken for the Base of the Rectangle-Triangle, K.L.M.: the Perpendicu-Bale of the Rectingle-Throughe, K.L. M., the Perpendicu-tive K.M., will be the direction of the Tringale, con-traction of the Contract of the Tringale, con-traction of the Contract of the Contract of the Con-traction of Tringale, are just the Contract of the Con-traction of the Contract of the Contract of the Alterton of Advisor, in a Term soft by Dr. 1966, p. 1886, p. 1888, p. 1888

great, high and sow, to fome Aroutator or indirectly re-ion. — Pateuts univerfity for Fresheits apod Williamin St-lar de Tetton, & Thomas Gower & Almestre, posserui st in Alto St in Bass, in arbitrio quature thomanan, via.—de quadam quereta pendente inter oes in circia. Not Sterram uniform Alte & Bass is divini Rogal spapessimus co-

ntati. Du Cange. ALUDELS, in Chymistry, Subliming-Poss. See Sunli-MATION.

Aladels, are a Range of carthen Tubes, or Pots without bottoms; fitted, one over another, and diminishing as they advance rowards the Top.—The lowest is adapted to a Pot,

placed in the Furnace, wherein the Matter to be sublimed is lodg'd.—And at the Top is a Head, to retain the Flowers which afcend. See Frow LR. ALVEARIUM, in Anatomy, the bottom of the Con-cha, or hollow of the Auricle. See Auricia, and Concha.

The Alexarium Auricule terminates at the Measus Au Sec Meatus. The Word literally fignifies Bee-bive, form'd of Avens,

ALVEOLI, in Anatomy, little Sockets in the Jaws, herein the Teeth are fet. See TEETH, and Jaw. wherein the Teeth are fet. The Altroli are lined with a Membrane of exquitite Sense. which froms to be nervous, and is wrapt about the Roots of each Tooth; from whence, and the Norve, proceeds that Pain called Odontalgy, or Tooth ach. See OpenTalor, and

ALVIDUCA, a Term used by some Writers for loogless-

ing Medicines. See Purcarive, Sc.
The Word is compounded of Alvus, and duce, I draw.

ALUM, Atumen. See Allum.
ALVUS, among Anatomitis, is formetimes used to express
the intelligal Tube, from the Stomach to the Anus. See In-

ALVUS, in a Medicinal Senfe, is taken for the State, and Condition of the Faces, or Excrements contain'd within that Cavity. See Excrement, &c.

Thus, when a Person is laxative, it is called Alons is-

sida; and when coffive, Atous adstricta. See Costive, LANATIVE, &c:

LANATUR, 18:
AMABER, or ANNASER, in our antient Law-Bookt—
Pretium unginitatis domino filinature—Puells detium effection Roys. 16: ble Negis of de es Amvaby tabere.

The Cations was in honour of Com, and obtained till in the company of the compan

AMAIN, a Sea Term, used by a Man of War, to his Enemy; and fignifying, yield.—Hence, To firshe Amain, that is, to lower your Topfails. AMALGAM, or AMALOAMA, in Chymithry, a Mass of Mercury, united and incorporated with a Metal. See Mer-

CURY, and METAL.

CURY, and METAL.

The Amagans of Mercury with Lead, is a foft, friable
Subtlance, of a Silver Colour. See Luan.

By washing and grinding this Amagans with fair warm
By washing and grinding this Amagans with fair warm
washes the Water; and ty-changing the Water, and repeating the Lotion again and again, the Mesal will be farther and Surther particle—Berchaven mentions it as one of ther and further partified.—Berchareve mentions it as one of the greatest Section 10. Mynifty, to contrive to bring off the Liquor at left as clear and antiality'd as when first pour'd on the Amaginery which might stord a Method of making the nobler Metals, or procuring them from the Bafer. See TA ANNIANT ARTON, FIRIT 1007 MART & STOM, See TA ANNIANT ARTON, FIRIT 1007 MART & STOM, See TA ANNIANT ARTON, FIRIT 1007 MART & STOM, See Part 1007 Mart 1007 Ma

The Word Amagama is form'd of the Greek aus, finul, The Word Managema is term d of the Greek aμα, finul, together, and γραξη, isoger, to join.

AMALGAMATION, in Chymiltry, the Operation of making an Amangama y i.e. of calciumg, or eather diffolying fome Metal, especially Gold, by means of Mercury.

Sec AMALGAMA.

See Annacama.

Amalgamentus la preformed by fuling, or at leafl igniting the Menty and in this Store adding a proportion of Merhadian state of the Menty and in the Store adding a proportion of Merhadian state of the Menty and the Menty and the See Manacawa.

All Menty, except Ions and Copper, units and annalgament with Mencyan; but Gold with the general facility.

The Annalgamenton of Gold is alsafully performed by hosting the Laminace or Plates of Menty of the sparse which Copper and the Mency that the Mency and the is then thrown into a Veffel full of Water, where it coagulates and becomes manageable.

This Calcination is in great use among Goldsmiths, This Calcination is in great whe among Goldleniths, and Gilders, who by this means render Gold fluid and duclile for their Purpoles.—Such Mixture or Americans being laid on any other Metal, for inflance, Copper, and this afterwards placed on the Fire to evaporate; the Gold will be left alone on the Surface of the Copper; which makes what

we call Gilding. See Gilbino.

The Blackness adhering to the Amaigama may be washed away with Water; and a deal of the Mercury presid our thro a linen Cloth: The rest being evaporated in a Crucible, the Gold remains behind in an impalpable Pouder. GOLD

Gold retains about thrice its own weight of Mcreury.

This Operation is denoted among Chymids by the Letters

AAA. See Character.

them à Call fideways, and still in that particult Loos or gone called Quing. See Fix. In a designed, the chy give his oblique Musios. See Anvecroa, and Howt Let.

The Word is berm'd of the Latin, datars, to slow; a beautiful control of Sept.; the AMAUROSIS, to Medicine, a Deptivation of Sept.; the Sept. American the fame with whether the Latin more usually call Gains Servas. See Gerra Servas.

The Word is Greek, dangeron, ed. Derhauft, 5 family of The World is Greek, dangeron, ed. Derhauft, 5 family of the Call of th

AMAXOBII, AMAXOBIANS, or HAMAXOBIANS, in au-tient Geography, a kind of People who had no Houses, nor even Tents; but lived altogether in Charlots. See HAMAXO-

The Word is compounded of apaca, a Chariot, and Aus,

The Word is compounded of shades, a Cherrier, and Jar.

"The Word is compounded of shades, a Cherrier, and Jar.

"The Management of Angulays, Term Englishing a bold, contageous Woman is capable of daring, hardy Archivements.

See Visacoo, Harsini, Ede H. dameanu, a Ninica of
The Word is between the hability nears the Visurity is

who hir's without him, and had only no do with Strangers, a

killing their Male Children, and carring off the left Bisesth

"This form this Ind. Circumitance that richy take their

Name, wis from the Privative a, and poles, Alemnas,
Breath.

"Tis a Polast controverned even among nations Welfers, whether over these easily were fish a Nation of Amazoniz-whether over these easily were fish a Nation of Amazoniz-whether was a superior of the Polastic Po

M. Petit, a French Physician, publish d a Latin Differention in 1685, to prove that there really was a Nation of Ama-

town in 1003, to prove that there really was a Nation of Interestrial to their Habit, their Arms, the Catics built by em, 25c.—On Medals, the Amnson, Balt is sufailly arm d with a little Ax, bore on the Shoulder, and a Backler, in form of a Half-Moon, by the Latins called Patts.

Moon, by the Latini called Pelia.
Some modern Geographers and Trivellers mention Amazous fill in being.—John to less Santing, a Persugujée Capuchin, in his Description of Ethiopas, fipsals of a Race of Amazous in Africa. And Amazo Sylvani gives in a very precife Account of a Republick of real Amazous, in Behrmis, which lated nine Years founded by the Courage of a Maid named Valafea.

AMBAGES, a Latin Term for a Circumfocution; or, an indirect Diffourfe or Diction, tending to express or fisew fomething by a Compass of Words or Sentiments fetch'd

AMBE, in Anatomy, a superficial Justing out of a Bone.

The Word is also used as the Name of a Chirurgical In-

The Word is also nied as the Name of a Chirupfeal In-frament, with which they reduce dillocated Bones. AMBER, Seccinum, Caraba or Karabas, Gelessus, Electrams, Gensoulertaws, in Natural History, &c. a yellow transparent Subfrance, of a gummous or bituminous Form and Conflitnee, but a retimoss Taile, and a small like

AMATORII Mafeoli, in Anatomy, an Appellation former. Oil of Tarpendine; chiefly foad in the Molitick See, along times given to those Marcles of the Eyes which give the Coasils of Parallis, See.

Amatoria and the Amatoria of the Amatoria of Tarpendine of the Amatoria of Tarpendine o

Naturallis for institute divided as the long to I form, and what Claim I Bodies it belongs to I form referring it to the Vegetabe, others to the Mineral, and fonce even it to the Vegetabe, ethers to the Mineral, and fonce the Claim I Claim I analysis, afford fornething in favour of each Oplation. Pliny deferribes it as "a refiness platic, oscillar from agod "Pliny deferribes it as "a refiness platic, oscillar from agod as a second of the control of the Claim I claim

"are whole Foreits on the Coasts of Services 13 and edit.
charged thence itso the Coast where undergoing forme Alerection, it is thrown in this form upon the Shens of
Prefifty which the very low: They add, that it was hence
the Antients gave it the Denomination Societimes; from
Stocett, Places, "Nat. High. Lib. XXXVIII.
This Onition of the antient Naturality, is confirmed by
Coast of the Coast of the American Security Stocetter

The Coast of the Coast of the American Security Stocetter

The Coast of the Security Stocetter

The Coast of the Security Stocetter

The Coast of the Security Stocetter

The Securit

This Opinion of the antient Naturaliti, is confirmed by the Oblervations of many of the medical ones; particularly the learned Esther Cemeil. Philipph. Translatt. No 290. Some have imagind it a Concretion of the Tears of Birds; others, the Cimine of a Basil 5 others, the Cimine of the Lake Crybifels, near the Alamiek's others, a Congeliation form d in the Bartick Sea, and in fome Fountain where it is found forimning like Firth.

Others suppose it a Bitumen, trickling into the Sea from

Others tuppose it a bitumen, trekting into the Sea From fabterraneous sources; there concreted into this form, and thrown afface by the Waves.

This last Opinion was a long time the most popular; and feem'd to have the best Ground; but this, too, is now discreted; as good Auber having been found in dig-ging at a confiderable distance from the Sea, as that gathered on the Coaft.

ed on the Coath.

Others Ispanos finiter a compound Subitance.—Pruffes, by they, and the other Coauries which produce finite for the foreign for the foreign finite finite

Parts of Salz and Bituwine are more or left paur, and mixel, in this, or that Proportions. In this does not be the translation of the salze of the s

colos, on its Water's melts at the Fire, and is infiammable, which are Characker, that from no test it to the Chin of which are Characker, that from no test in the the Chin of the China o

Bodies when open'd.

Bodies when open it.

The most remarkable Property of Amber, is, that, when
rubbed, it draws or attracts other Bodies to it; and this,
viis observed, it does, even in thole Bodies which the Anviis observed, it does, even in thole Bodies which the Anritions thought it had an Anatyparty to; as solly Bodies, Dross
of Water, the Bafilith, Sweat of human Body, &c. See B-

LECTRICITY.

Add, that by Friction it is brought to yield Light pretty copioudly in the dark; whence "its reckord among the nature Psychotom. Soc Frictions, Priorstoness, Laury, Ed. Adders is reputed of fome modicinal Efficacy; being used in Suffungations, to remove Delbusions; and in Pouder, as an Afterian, Alborato, Section, Astronauser, Martineauser, Soc

In times of Plague, those who work in Amber at Ko-mingiberg are fail to be never infected; whence it is held a Freservative.—It is effected; whence it is held a Lithouthripitck Diuro-tick, and Promoter of the Menses.

tick, and Prometer of the Meules.

Some diffusion Ambier with regard to its Colours, into Sense diffusion Ambier with regard to the Colours, into Sellows, white, brewn, and black—But the two latter are Imposed of a different Nature and Demonitation; the one call of fee, the other Ambiergraph. Medicant Ulris, as being better than the Containing the Sellows of the most of the Medicant Ulris, as being better diffusion of the most of the Sellows of the Medicant Ulris, as being the greatest Quantity of Volatile Salt—True. In the Medicant Ulris of th prized by those who work it into Beads, and other Toys, by

reason of its transparency. Referred pertends to be Mafter of the Secret of making Cullins of Inder, without destroying its Transparency. Tis spotable he took the Hint from the Ebophens, who bury probable he took the Hint from the Ebophens, who bury the Dead in Giaffes. An Ebitopiena, tho black, makes a fine Diguer in a Venice Ceyltal; much more would he do in

fine Figure in a Venice (xyflat) is much more would be don in a Corre of yellow Andrew.

A Correct of Yellow.

A Correct o found any where bur in the Northern Countries of Europe, tound any where our in the Everneric Countries of Europe, even, in Poland, Sieffia, and Zelevini, exterly; frailand, fileficin, Denmark, oftener; more frequenty fill on the Coalis of Samgetin, Certland, Livouria, and Posseroma; but most of all, in Pruffia, in the Country called Sambia, from

mott of all, in Prefife, in the Commy called density, from New Yell to Urease Dreg.

New Yell to Urease Dreg.

The West of the Commy called density, which

gradies the meghanity drawine, density or proceed from the

point of Aurea, is an add Lalque, proceed from the

point of Aurea, is an add Lalque, proceed from the

feet, by givening and dilibiling it by a band-host, with or

It is chiefly soft certurally in Informatic Pairs and

Aches a and internally, in invertence Geen, ge.

Old precede after the Spirit, by Incording the degree of

Fire—This, by Redification, becomes a good Antinyletic,

First, This, by Redification, becomes in the Archeol of the

Record, General Comments of the Comments of the Record, General Comments of the Record of the Comments of the Record of the Record, General Comments of the Record of the Recor

Retort, Ec.

Reiors, Ge.

It is a good Cephalis, and Detergent: Dr. Quinty fays,
it extremely attendant, cars, and penetrates the most reterment of the control of the

Salt of Coral, Efc.

Trading of Amber, is precured by Digeffion in Spirit of Wine with a Sand-heat. See Tincrune, and Digestion. It is preferibed with the fame Intentions as the Salt of Amber

Janher. Mich Anten. See Jev. Leynd Anten. See Jev. Leynd Anten. is a kind of native Balfam, or Refin, like Tappendre, clear, reddiffs or yellowith, so of a pletain Sonel, ainstell like Ambergreafe. See Naxis. Bark of a fine large Tyee in New Sperie, but harberga as it gross older into a fold form, and is brought to as in Barrich. It is reparted an excellent Balfam, modifies, confoliates, and it good against the Sciuics, Washards of the Nerves, etc. See Bark.

AMBER-OREASE, AMBERGRIS, AMBRA-GRISIA, AMBRA-RUSI, a fragrant Drug, that melts almost like Wax; common-ly of a grey ish or ash-colour, used both as a Perfume and a Cordial.

It is found on the Sea-Coasts, in several Countries; as, along the Southern and Eaftern Parts of Africa, Madagagar, the Meditives, fome Parts of the Mediterraness 1 and in Well Indies, about the Islands of Bermidas, &c. It is of divers Colours, whitlih, brownish, treak'd with yellow, blackifh, &c.

There is a great Variety of Opinious among Naturallits with regard to its Origin and Production: To rehearfe 'em all, would make a Volume.—The principal may be reduced to thele which follow.

to thele which tollow.

**, Some take it for the Excrement of a Bird, which being melted by the Heat of the Sun, and wish'd off the Shore by the Waves; is fivallow'd by Whales; who return it back in the Condition we find it. Or, as Bartofa re-

lates, from the Morifb Inhabitants of the Maldiers; the Excrements abovemention'd are sirer'd and refin'd by lying Excrements absvenmention'd are sherd and refined by pying on the Rocks, expoded to the Sun, Moon, and Air; from whence they are afterwards wash'd off by the ring Sea. They add, that the Whales frequently feasible writers hereoff that those Process we meet withal of a black Cofour, rook that that thole Pecca we meet withal of a black Colour, rook, that the in the Stormach of thole Animals; that the brown are finch as have floated long on the Water; and the white, finch as have only been a finer time there, which they value the moft. Ramufile, Tom. I. fol. 317, 25, Others flesh for it as the Execution of a Cetacous Fifth; because famerimes found in the Intelliges, and Gome-

Fifth 3 because someomes sound in the Intestines, and Imme-tiones in the Faces themselves, of such Animals.—Juflus Klabins, in his Hildray of Amber, describes the Animal; which he says is a Whale, and called the Trank: Adding, that the Sperma Ceti is taken out of the Head of the Same Creature.—Others, with the Persians, suppose the Fifth that violeds the Ambergradie, a Sec. Zell; others, with the dirtic. yields the Ambergrease, a Sea-Calf; others, with the Afri-

a cocolle, by reason the Florest period of the first period of the Hands, Soffals, Melinda, Cape Comorin, &c. where no Whales are found

5°, Others take it for a kind of Wax, or Gum, which diffils from Trees, and drops into the Sea, where it congents, and becomes Ambergreage.

and becomes fundergraph,

4. Others, and pericularly many of the Orientals, imasize if prings out of the bostom of the Sea, as Nephrita
Springs hered are in the Sea of Formula, between the distantal Perfund Culphs. Edv. [th. who is of this Opinion,
the Conference of the Conference of the Opinion and
Pathagam and Lingbloot peak of it as a fort of Pitch,
graph of the Opinion of the Sea, and hardenpurples of your her bottom of the Sea, and hardentender of the Sea of the Action of the Sea, and hardentenders of the Opinion of the Sea, and hardentenders of the Sea of the Opinion of the Sea, and hardentenders of the Sea of the Sea of the Action

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ung in the Sun.

7. Others take it for a Sun-Multroom, stor up from
7. Others take it for a Sun-Multroom, stor up from
7. Others take it for a Sun-Multroom,
8. Others after it a Vegetable Production, tilling our
6. Others after it a Vegetable Production, tilling
out of the Rose of a Tree, whole Roses always those toward
6. Others after it a Vegetable Production, tilling
out to the Sun-Multroop territory into the fame—This Account we have in the Philisphical Translation, from one
formed by Mr. Roye, of Translation. And the tame is confirmed by Mr. Roye, of Translation.

of the Dutch Exclors at Hatesia: And the tame is con-firmed by Mr. 1999. Of Falses and Oder.

7°, Others suppose it a sungious kind of Barth, which the working of the Sea wafters from off the Recky, where, being lighter than Water, it Basts—Others are of Opinion that it is a bituminous Matter; that it is at fift sliquid, and runs into the Sea, and that it is there condended and re-

uced into a Mafs.

duced into a Mafa.

**Y. Lafility, others maintain, that *Ambergreefe* is made from the Hency-Corollo which full into the See from the from the Hency-Corollo which full into the See from the month and functioning of Experience on its file, and begins now to be generally allow did several Perform shaving from Percent that worth stiff *See Freech at what the Moderate found large Freeco of America and the See for the See freech and the See for the S

Pergraft, which when bocks, Himey-Comb, and Honey no, were found in the middle.

The Fleeces frequently (seen composed or divers Strata, close to the Redies in-close the theory of the Redies in-closed therein and the Strata as found to the Redies in-closed therein a sol the Strata as found the Redies in Shells, which been a Species of Comba Anastifera: Whence is may be conjectured, that the Ambergrafe has conjuntly been in a fluid Strate; or at least, that it has been melredy distributed to the Redies as harmowed in the line tay of the Redies as harmowed in the line tay of the Redies as harmowed in the line tay.

and in that State has form a it tell attelli, and inveloped fuch Bodies as happend to be in its way. It is of confiderable the among Perfumers, who molt it over a gentle Fire, and make Extrack, Referees, and Tine-tures of it.—It would be of more the in Physick too, were not its Smell fo rank and offensive, and on that account apt

to occasion Vapours. to occasion Vapours. We have avaious Influence in Authors, of hage Piecco in Markers. The largest that has been known in Europe, of this Matter. The largest that has been known in Europe, of the largest that of largest paids that largest paids that largest paids of largest paids that largest paids of largest paids that largest paids of largest paids that largest paids that largest paids of largest paids that largest p

Vapours.

AMBIDEXTER, one who uses both Hands alike, the foot. But this occasions Woun-Left sa well as the Right, and this in Cases where only the often bring on an incurable Lan But this occasions Wounds of the back Sincus, which

Use of one is notestary.

The Word is form'd from the Latin ambo, both, and dexter, right hand.—Hippocrates observes, that this never happens to Women

pens to Women.

In a legal Sende, Ambidester fignifies a Juror, &c. who receives Money of both Parties, for the giving his Verdick, &c. for which he is to farfeit decies tensum, ten thous a much as he received. See Junon. AMBIENT, a Term applied to fuch things as incompals ers round abou Thus, the Bodies fituate around any other Body, are cal-

I was, the Bones structe around any other Bone, are called the Ambient, and often the Circum-Ambient Bodies. And the whole Body of Air, because it incompasses althings on the Face of the Earth, is often by Physical Wite called, by way of Eminence, the Ambient, or Ambient Air.

Sec Air. The Word is ferm'd of the Latin Ambire, to incompass,

go round.

AMBIGENAL Hyperbols, in Geometry is that which has one of its infinite Logs inferibed, and the other circumferibed. See Hyperbols, and Churye.

AMBIGUOUS, functhing dubous, obscure, or which may be taken in different Sense.—The Word is form'd of the Latin subo, both, and sgo, I drive; q. s. that which keeps the Mind wavering, or in Suspence; not knowing

which fide to chuic.

The Answers of the antient Oracles were always ambiguout. See Oracle.

AMBIT, of a Figure, in Geometry, is the Perimeter, Gircumference, or Sum of all the bounding or incompafing Lines, that conditute or include it. See Parimeter.

RCOMPERENCE, &c. AMBITUS, among the autient Romans, fignified the Act

Addition on making lace article for Offices.

of Juling, or making lacerelt for Offices.

of the Cardidates, in this Cafe, went about the City; and into all publick Places, and Affemblies, to beg Voices; which was call'd Jubites; and, in the article Latin, figure the control of the Cartin, for the Cartin for the Cartin

AMBLE, Auszawo, in Herfemanfilp, a peculiar kied of Pace, whench a Tatefa's two Lego fie dam Solo, more The amble fifth of the charge Sides at each remover two Lego of a fide being in the Air, and two on the ground, as the firms time. As Afable is smally befir flat mutual Pace and the firms time. As Afable is smally befir flat mutual Pace cough to trot, they quit—There is no fach thing as an Afable, in the Manger, the Kiledy-Malters alsoning on the Charge Afable is the Manger, the Kiledy-Malters alsoning on the Charge Afable is the Manger, the Kiledy-Malters alsoning on the Charge Afable is the Manger of the Manger of the Afable in Afable to a Gallop, without the Stop; which lies time, and interrupt the result of the Manger of the Manger See Theor, Charge of the Manger. See Theor, Charge of the Charge See Theor, Charge of the Manger.

sere are various Practices and Methods of Discipline There are various Fradicies and Methods of Diffspine, for bringing a young Hord to Anther, Some chair to tall the bringing a young Hord to Anther, Some chair to tall many linear him on the Stroke count'd in the Anther In Inconveniences are, the Workshot and Lameneth start fach diffselerly Teil may being on a young Horfe. Others artering the Jindelin Dispine, or elacking him Others artering the Jindelin Dispine, or elacking him to the Company of the Company of the Company of the una Amarcadorfi, between Gallop and Tree, for fast Joing who he necessity dymmbics on an Anther—But this is agree to fight a good Month and Rein and capelor the Horfe to the Danger of an Horfe each, of some exhaus, by overeaching

long, 65°.

Others prefer ambing by Weighn, as the beft way; and to this end, fome overload their Hefe with executively heavy Shee; which is age to make him interfere, or firstler finer with his shad reason—Others fold basien likely of the state of the General and better the state of the st ets, &c.

Some endeavour to make him Anble in band, ere they Some endeavour to make him Andele in bend, ere they mosen his Back, by means of form Wail, finoch Pale or Rail, and by checking him in the Mouth with the Bridienhad; and correcting him with a Rod on the hinder Hoofs, and under the Belly, when he treads faller Bat this is apt to drive a Hore to a defperate Frenzy, ere be can be made to underfland what they would have of him; and to refer the representation of the second the second to the second the second to the second the second to the second the second the second to the second to the second the

therail out his Logs, summare, other source, when are nor cafily quitted again.

Others think to effect it by a pair of hind Shoes with long Spurns or Plates before the Toos; and of fach length, that if the Horfe offers to trot, the hind-foot beats the fore-

other bring on an inclusive Larbedesk. The design of the first Some attempt to person as a failed, by folding fine, for Some attempt to person as a failed by the first some partner of or a Stiffs Strain; and turn him has to Goral for two or three Weeks, and afterwards take away the Lift,—This is a Spatish Method, but dilapproved; for the a Harfa camott due to two but with kill, yet the Members mail be Sufficers; and the due to the with the guind; it must be flow, and unfightly; becaused attended with a cringing in the hind and unfightly; becaused attended with a cringing in the hind and unfightly; becaused attended with a cringing in the hind on the first some fi

Pars.
In effect, Aubling by the Transel appears the securit to
Narsaw, the belt and noth affered way. See Transel.
There are driver Brears whatly pectife in this Method.
There are driver to the property of the property of the Street, but makes a Horfe backle and fundle, his begreated by the makes a Horfe backle and fundle, his begreated by the makes a Horfe backle and fundle, his begreated by the makes a Horfe backle and fundle his begreated by the makes a Horfe backle with the property of the street which Cafe, the Beaft caunor give any true Stroke, nor can the fore Leg compel the hind to follow it: or if, to evade this, the Tramel be made floor and first, it will prefs the main Sinew of the hind-Leg, and the fielby part of the free Thighs; fo that the Horfe cannot go without halting before, and cringing behind.

and cringing behind.

As to the Ferm of the Transel's fome make it all of
Leather, which is inconvenient; in that it will cither flurch
or herels, and thus centiousd the Certainty of the Operation,
In a true Tramel, the fide-Ropes are to be to firm, as one
tyled a Half-sheedth's the Chofe forf, and to the folder,
as nor to move from its fift Place; and the Bick-band
flits, to matter how light, and to defend from the Fillers fo

has no markin as not to gail as not to gail.

When the Horfe by being Translets on one fide, has attained to Ambie perfectly in the Hand 3 it is to be changed to the other fide, and that to be likewise brought to Rule. When, by this changing from one fide to autother, with a When, by this changing from one fide to another, with a shaff Tramel, the Hofe will run and atable in the Hand, readily and lwifity, without Snappering and Stumbling 5 which is ordinarily done by two or here Cleurs labour; she whole Tramel is to be put on, with the broad, flat, Back-band, and both fides tramel'd alike.

both fides trainel'd alike.

AMBLYGONOUS Angle, in Geometry, is an obtuse
Angle; or an Angle conflicting of more thin 90 Degrees. See
ANGLA, and Orives.

A Triangle is fail to be Amblygonous, when it has one
Angle greater then a right Angle. See Transour.

Angle greater then a right Angle. See Transour.

AMBLYOPY, AMBLYOPIA, in Medicine, a Difease of the Eyes; otherwise called Gutta Sevens and Amaurosts. See Gutta Sevens, &c.

The Word comes from author, obsults, dull, and orlines,

AMBO, a kind of Pulpit, or Defk, auricutly used in nurches, whereon the Pricits and Descons flood to read, or Churches, ng part of the Service 4 and preach to the People.

It was afcended by Steps; which occasioned that of the Office perform'd there, to be called the Gradue. Sec GRADDAL

The Term is derived from austra, I mount.—The La-tins also called it Analogium; by reason they read there.— The Ambo was mounted upon two Sides; and hence some

derive the Appellation, from ambo, both.

The Gospel was read at the Top of the Ambo; the

Epifile a Step lower.

AMBROSIA, in the Heathen Theology, &c. a delicious kind of Food, whereon the Gods were supposed to feed. See

Gon. The second of the second of the Meat, and the other wife and Medic, or which we is the Meat, and the other the Dirak of the Gods, we are exceeding the God of the Gods, we are exceeding the God of the Gods, which they come to fact from the Alters like Files. The Word is compounded of the Privative Particle a, and Birt?, Alterst j in regard it render'd thoic who fed thereon immortal, or was the Food of the Immortals.

immortal, or was the Food of the Immortals.

AMBROSIAN, in Church Hittory—We frequently read of the Ambregian Rites, the Ambregian Office, &c. decoring a particular Office, or Formals of Worling, unied in the Church of Milass; which is fomentimes afto called the Ambrigian Church. See Rars, Overca, Efs.

We also meet with the Ambrigian Chaut, or Song which was diffinguidth's from the Reman, in that it was which was diffinguidth's from the Reman, in that it was

which was dittinguished from the Roman, in that it was fitnenger and higher.

The Term takes its rife from St. Ambrofe, Archbishop of Milan in the IVth Country, who is usually supposed to have been the Author of this Office. Yet some are of Opinion, the Church of Milan had an Office different from that of

the Roman, and other Churches of Ltaly, before the Time of that Father. In effect, till the Time of Charlemaign, each Church had its feveral Office: And when in after Days each Cauten and its versus Omes ? And when in alter-Layer the Pope took on him to impose the Roman Office on all the other Churches of the Well 3 that of Miles Inclured it Elf from the Imposition, under the Name and Authority of St. Ambrog's from which Time, the Phrase Ambrogles Rice has obtained, in contradishiction to the Roman Rice. its has obtaind, in contraditinction to the Kemass Rife.
The public Library of Milan, is also called the Ambrosu Library. See Librarary.
AMBRY, or Aranory, the Place where the Arms,
late, Veffels, and every thing belonging to House-keeping

Plate, Veff were kept.

were kept. Hence, probably the Ambry at Westminster, was so called, because formerly for apart for that use; or rather, from Aussmery, a House adjoining to an Abbey, in which the Charitles were laid up, and distributed to the Poor. See ALMS.

ADMS.

AMBULATION, or Walking. See Exercise.

AMBULATION, in Physick, is used by fome for the fpreadhing of a Gangeon, or Monification. See Canachan, Sfe.

AMBULATORY, a Term antiently applied to fach
Courts, Sfe. as were not fixed to any certain Fise cy but
held fometimes in one Piace, and fometimes in another,
an opportion to Statelary Courts. Sec Courx, and Sx-DENTARY.

The Court of Parliament was antiently Ambulatory; for ere the Courts of King's Bench, &c. See Parliament,

were one Counts of King's Denice, Q.C. Dec FARLIAMNY, King's Enough, Sec.

The Word is form of the Latin ambulare, to walk.

We concernies also fay, in a Moral Sense, a Man's Will

is Ambulatory, to the Time of his Death; meaning, that
he has it always in his Power to revoke it.

AMBURBIA, or AMBURBALE Socram, io Antiquity, AMBUREIA, or AMBUREIA SHOTHER, I DANIQUELY, a Religious Festi, or Geremony, practiced among the Rements, wherein they made Proceffions around their City.

The Word is competed of ambie, I go round; or of amb, or ambu, an antient Preposition, signifying around, and urbs,

to be the fame with Ambarvestics. See Ambarvella. AmbuscaDe, AmbuscaDe, Andrews, Aberusinaren, a Body of Men, who lie hid in a Wood, "Ge, to ruft out upon, or inclose an Energy unawers.—Or, the Place wherein lich a Corps hide thornfelves.

Ambustatio, in Medicine, a Zurn: See Burn, and

BUNNING.

AMEL, or Evanuel. See ENAMEL.

AMEN, a Church Term, yield as the Conclusion of all

AMEN, a Church I form, yield as the Conclusion of all

amen. folernn Prayers, Sc. and fignifying, fo be it, or fist.

The Hebrews had four kinds of Amen.— That just men-

rion'd they called Amen past; which was accompany'd with the greatest Attention, and Devotion: In this Sense, the Word has pass'd into almost all Languages, without any Al-

Word hie paftd into almoid all Languages, wittone any Al-Sonce Authors are of Opinion, but the Word Amen is formed of the initial Lecters of thefe Words, Advani Al-ter Mennas, Tominion Rev Fielder) an utilat Expendi-cation, the Committee of the Committee of the Com-sessing the Committee of the Committee of the Com-tantial Committee of the Committee of the Com-tanial Committee of the Committee of the Com-tanial Committee of the Committee of really the Letters of the Word MN Amen. See ABBRE-

VANYAR.

On the other hand, there are form of fisher Cabbailth, the control of th

conflant, US.—Hence came the Note (EN Amers, much fignifies, Trutb.

And, lafily, of this Noun Amers they made a kind of affirmative Adverb, which, when placed at the End of any Phrase or Proposition, significa, So be it, Be it rrue, I ac-

quiesce in it, &c.

Thus, in the Passage above cited from Deuteron

17th, in the Fatage above cited from Deterrorous, Moss ordered the Levites to cry aloud to the People, Gar-fids it he that makes any graves or motion Image, Sc. and all the People shall key, Among is, C. Fet, May he he car-fids, We delive, or spree to it—But at the beginning of a Phrasic, as in feveral Pattings of the New Tethament, it fig. nifies Truly, Verily .- When it is redoubled, or repeated

twice together, as is always done by St. John, it has the whice opcolace, as is always done by St. 76/m, it has the Billett or a Superius, agreeding to the Genna of Gen

The Preste Amende konorable, is more peculiarly used where a Person is condemned to come into Court, or into the Presence of some Person injured; and make an open Re-

the Freeneco to some reform injures a sus-usas-casterion, gree.

AMENDABLE, or AMANDARE, is applied to use favorensible by Books to a Woman, that is supposed to be governable by her Hesbard. See Woman, Wiffs, gree.

AMENDMENT, in Law, the Correction of an Error committed in a Process, and espied before Judgment. See

If the Error be committed in giving Judgment, viz. a wrong Judgment be given, there, they cannot amend it; but the Party aggreed must bring his Writ of Error.— However, where the Fault appears to be in the Clerk who wit the Record, it may be amended.

witt the Record, it may be amended.

AMERCEMENT: or AMERCIANENT, in Law, a Penalty affeified by the Peers or Equals of the Party americal for an Offience does; or a pecuniary Punjimment imposed upon Offenders, at the Mercy of the Court; and therefore in our Law frequently called Milpricarials. See Punisit-MENY, and MISERICORDIA.

There is this flated Difference between Fines, and Americanents; that Fines are Punishments certain, and determined by force Statute; but Americanetts are arbitrary Impositions, proportion'd to the Fault, at the Discretion of the Court.

Marrisod, in his Forest Law, makes another Differences

Marmood, in his Freigh Lew, makes snother Differences at it an Abstraction were as more city and mercifal Policy and the American Policy and the Marmood and the American Policy and the New Terms of the Lew, discretization in the Daving marrow for a Officee does y for which he pass marrow for an Officee does y for which he pass that the American Policy is an electric to the Policy Poli

in his Office.

AMETHEM Natural Hilbory, a Precious Score, of AMETHEM Natural Hilbory, a Precious Score, of AMETHEM Natural Hilbory, a Precious Score, and the Control of t

one is some to the cyretoese, when he was been to the charge of the char

See Gram.

Amenus, in Heraldry, figalifies the purple Colour, in the Coat of a Nohleman; which in Gentlemens Eleuteheon below that degree, is called Purpure; and in those of forcetigo Princes, Mercury. See Pursus, and Purvux.

AMIANTHUS Lepit; in Natural History, the fame with

sheller. See Assestos.
AMICTUS, in our antient Writers, the uppermost of the

fix Garments were by Pricits.

It was tied round the Neck, No inde ad linguam transfeat
mendacium; and covered the Breast and Heart, No vanitates cogites .- Amiclus, Alba, Cingulum, Stola, Manipulus,

AMIABLE Numbers, denote Numbers which are mutu-ally equal to the whole Sum of one another's Aliquot Parts. -Such are the Numbers a84 and ago. See Numbers AMIT- AMITTERE Logem Terrs, a Law-Phrafe, fignifying, the Forfciture of the Right of invaring in any Court or Caule; or to become infamous. See Law.

This is the Panishment of a Champion overcome, or yielding in the Combat; of Jutors found guity in a Writ of Attaint; and of Persons outlaw'd. See CHAMPION, COMBAT,

JUNOR, OWLLAWRY, Ele.

AMMA, a Girdle, or Trus used in Ruptures; to hinder the Intestines from bearing down too much. See Rur-

TURE. AMMI, or Semen Ammeos, a kind of aromatick Sced, confiderable use in Medicine; the Produce of a Plant of

of confiderable sels in Medicine 5 the Produce of a First of the fine Name. Despite from the Zarust 1 is fiscall to This Seed at the sel of effects and voletile Sul's and to be attenuated, agentive, byferick, estimative, ex-plaintly, and alexipharmich being, is one of the four leffer to be attenuated, and alexipharmich being, is one of the four leffer to Seed.—I recycle Wind, provote to Medica, 62.— Accrossing to Zarusty, the Jung recy like Grains of Suid.— It's ulic called Jossim Cartison, et Ethiopium, to the tinguish it from the volgat Annui, or Bishopou, etc. It is forestimed to Collection Cartison, and and AMMON, or Hassiton, in Annuigaty, so Bajisher gives AMMON, or Hassiton, in Annuigaty, so Bajisher gives Applied Annuis Cartison, and the calculated Temple of Papiter Annuis.

There has been a great Dispute about the Origin of this There has been a great Dilpute about the Origin of the Name.—Some derive it from the Greek squee, Sozid; in regard the Temple was fituate in the burning Sands of Ly-bid: Others borrow it from the Egyptin Szzzz, a Ram; a as having been first discover'd by that Animal.—Others

as having been first discovered by that Animal—Others with have Animals to fignify the Sun, and the Henra wherethe the state of the s imbelliferous Plant. See Guss.
It ought to be in dry Drops, white within, yellowish without, casily fusible, refinous, somewhat bitter, and of a very

fharp Taite and Smell, fomewhat like Garlick.

Diocorides fays, it is the Juice of a kind of Ferula grow-ing in Barbary; and that the Plant that produces it, is cal-

Agafyllis

led digalphis.

The good summeniae is of a high Colour, and not mixed with any Scrapings of Wood, Stone, or Sand ; it is called geograps, Parlary.—The other, which is full of Stones or Sand, is called wiewes, that is, Missure.

Play calls the Tire where it flows, Meropion; and lays,

the Gum takes its Name from the Temple of Jupiter Am-250m, nigh which the Tree grows.

Some fay, this Gum ferved the Antients for Incenfe in

their Sacrifices. Sec INCENSE

THEIR OSCINICES. DEC INCENSES.

It enters feweral medicinal Compositions, as an Attenuant, and Detergent, against Disorders arising from Viscidities, and Grumes.—Outwardly applied, it is resolutive and Suppurative; and, as some fay, will of it self draw out Splinters,

Some diffolve the Gum in Vinegar, and other Liquors, and call it Lac Anmoniscum; much used in Athmas, and Obstractions of the Lungs.—But the more usual form of prescribing it is in Pills. AMMONIAC .- Sal Ammontac, is also a kind of Salt ;

more usually wrote Armoniac. See Armonia.

AMMUNITION, in general, fignifies all forts of warlike Stores and Provisions, more especially Pouder and Ball. See

MUNITION The Word is form'd of the Latin Amonitio, which, according to Dn Cange, was used in the corrupt State of that Language for Subfiftence.

Amount row. Fread, is what is provided for, and diffri-bated daily to, the Soldiers of an Army or Garrifon. Such an Officer has fo many Rations of Ammunities-Bread, &c. See Ration.

Erread, &c. Sec Ration.

AMNESTY, or Annisty, a General Pardon, which a Place grant to his Subjects, by a Treaty, or Edit; wherein he declares that he forgets and annula all that is pail, and promifies not to make any farther Inquity into the fame.

Such Annefties are usually practifed upon Reconciliations of the Sovereign towards his People, after Rebellions, general Defections, &c.

Such, c. g. was the A& of Oblivion granted at King Charles's Refloration.

The Word is derived from the Greek durstle, Anneftia; which was the Name of a Law of this kind, pair'd by Thra-fibular upon the Expulsion of the thirty Tyrants out of

Athens .- Andicides, an Athenian Orator, whose Life is written by Plutareb, and of whom we have an Edition, of written by Pittiarch, and of whom we have an Edition, of the Year 1575; gives us, in his Oration 1900 Mylferies, a Formula of the Jamilly, and the Oaths taken thereupen. AMNIOS, or AMNIOS, in Anatomy, the innermost Mem-brane, wherewith the Fætus in the Womb is immediately

invested. See FORTUS. The Amnios is a white, foft, thin, transparent Membrane; making part of the Secundines, and lying next under the Chorion. See SECUNDINE, and CHORION.

It contains a limpid Liquor, like a thin Gelly-broth; with which the Stomach of the Forus being always found fall, it is supposed to be the Matter of its Nourishment. See NUTRITION.

NUTRITION.

On its outfide lies the Allantois, or Urinary Membrane, In fome Subjects, the Urinary Membrane, and Chorton, filed fo clofe to one another, that they appear to be but one.

—It hath all its Veffels from the fame Origin as the Chin-Sec ALLANTOIS

Word is deriv'd from the Greek dust, a Lamb. d. Pellis Agnina

q. d. "Pellit Jignina".
AMOMUM, a Medicical Fruit, called also Amonum.
Racemelium, Amonuma Verum, and Elaterii Pomum.
It relembles the Muster Grape; and grows, like it, in
Clutters; is about the bigaefs of a Chich-Pea, round, membenous, and divided into three Cells, which contain feweral brown, angular Grains; of a very flrong aromatick Tafte, This ruit is brought from the East Indies; and makes part of the Composition of Treacle; and is thought to be the Sifon, or Simon of the Antients.

the Might, or Smoon of the Anticatz.

Beddee this, there is likewide another paler Seed, which bears the Name, Anominus; but neither of them are in much capate in Phylick.

The Commentators on Pliny, and Disfeorides, have never been able to agree upon the antican Anominus; the generality of 'em pitch on Fruits different from this—Some

nerality of 'em pitch on Fruits different fro will have the Rofe of Jericho pass for it.will have the Rofe of Forliels pair for it——E. Camelli is positive the half-discovered the earl Ammount of Disspiration, and that it is the Figure, or Birne, or Carryle, growing in women by the National Part of the Carryle, proving in women by the National short that the Rofe of the Congress of the Rofe of the Congressian of the Rofe of the Ro -F. Camelli is

Term Mummy was given to the Bodies of Egyptians em-balm'd with it. See Mummy.

bulm'd with It. See Massace.

AMORTIZATION, or Amortisamser, in Law, the Aft of twenting Lands into Montmain, i.e. of allesting or and the control of the co the common way; which are hereby cut off.
This Practice was borrow'd from the Lex Papiria, where-

Instructive was borrow'd from the Les Papiris, where hi was farbiden to conference any Land to Religious Ufes, without the Confear of the People. The Word is form'd of the French Amortin, to extinguish, par out, &c. See Extravorsamaxer.

AMPELITIS, in Natural History, a kind of Earth that diffaires in Oil; affed to blacken the Eyebrows, and the Hair withal. See Eduarys. See CORNU

AMPHIARTHROSIS, in Anatomy, a neutral or dubic kind of Articulation, diflinguish'd from the Diarribro kind of Articulation, dillinguilla a from the Distriction, that it has no apparent Metting and from the Symarthydii, in its not being abblightely devoid of Motion. See Articulation of EULATION, DIARMINGSIS, &c. Such is the Articulation of the Ribs, with the Verber; and that of the Carpus with the Turlis, &c. Soc

Such are the Frog, Caffor, Otter, Tortoife, Sea-Calf, Cro-collie, \$60. ANIMAL.

The Amphibious Kind have peculiar Provisions in their Structure, to fit 'can for fo various a way of Living ; parti-

colicity in the Heart, Longs, Fortmen Orale, Es. Sco. Harary, Total and Scotting of the Harary, Total and Scotting of the Harary, Total and Scotting of the Harary Scotting of the Hara Fifth, than a Man. Sec DIVING, PRARL-Filling, &c.

ner of a bill, than a pain. See Diviso, Yeart-Fighing, St.-The Word comes from the Greek days, utrisque, bet-ways, and Got, Fita, Life; as living in either Place. AMPHBLESTRODIES, in Anstomy, a Tunie, or Coat of the Bye, more usually called Retina. See Ra-

TINA.

The Word is Greek, equalbanecosibit, of equalbaneco, Rete.

Net; compounded of equal, circum, about, \$62-ba, jacia, I casti; and &fes, Form; hy reastion of its Net-like Texture:
whence the Latini side call it Retifermis.

AMPHHEOLOGY, or Amyniatoria, in Grainmar, a

whence the Latins allo call it Ratiforms.

AMPHIBOLOGY, or Amputation, in Grammar, a
Fault in Language, wherehy it is render'd obsture, and liable to be understood in a double Sense.

Amphibited; is chiefly offed in respect of a Phrase; as
Equivoque is in respect of a Word. See Equivoque, and

EQUIVOCATION. Of this kind was that Answer which Pyrrbus receiv'd

from the Oracle; Ato Te, America, Romanos vincere posse; Where the Amphibelity consists in this, that the Words Te and Romanos, may either of 'em precode, or either of them follow the Words posse vincere, indifferently. See OR SCLE.

Oracts. The English Language usually speaks in a more natural manner, and is nor capable of any Amphibologies of this kind : nor is to Blable to Amphibologies in the Articles, as the French and most modern Tongues. See Construction, English, Amyrica, Ec.

The Word comes from the Greek, Luncos, ambiguous,

The Word comes from the Greek, **LopeCase, travelgouser, and steps, **Differents**, & Architect of Screek in the Latin March and Coral Accept products of Greek Revery; conditing of three Syllables, the first and latin whereof are finer, and that in the middle long. See Foor, and Varanz. Seed in the Word Accept, Seed in the Word Accept, and the Coral Accept, breein, & A. a Seed finer at both Each, and long in the middle. AMPHICTUONS, Assurancessas, in Antiquity, the Deputies of the Citize and Project of Coral Accept, the Coral Accept the Coral Coral Accept the Coral Cora fented their respective Nations in a general insteady; have-ing a full Power to concert, resolve, and appoint what they should think fit, for the Service of the common Cause. The mobilystases, in good measure, were the same with the Searce Georat of Hellians, or rather, with what in Ger-many they call the Diet of the Empire. See States, and

DYET.

The first Assembly of this kind, was held by the Direction of Amphicityon, the third King of Athens, who proposed by that means to hind the Greeks more firmly toge-

posed by that means to mend the Greek more immy obje-ther; to as to render them a Terrer to the barbarous Na-tions their Neighbours.—Thefe mer twice a year at Ther-mostyle, in the Temple of Gers, which was built in a large Plain, near the River Alphan; and were called Amphilipson from the Name of their founder.

Taulamia, in his Lift of the ten Nations which composed that Affembly, says nothing of the Achaiaus, Eleans, Argiaus, Meffeniaus, &c. Afebines also gives an Account of the Citics admitted into it, in his Oration, De falfa Legatione. Acrifius initituted a new Council of Amphysiones, on the

Model of the antient ones; who met twice a Year in the Temple of Delphos.

Each were indifferently called 'Austeniaus, Robassest, 'E-equoisuses, and their Assembly Robass.' The Romans never thought fit to Roppress the Meeting of the Angloidyon. Strabo even affores us, that they met in his Time.

to the Time.

AMPHIDSOMMA, in Andigate, a Feult celebrated on the fifth Day after the Blint of a Califa, See Is are:

AMPHIDSOMMA in Andigate, a Feult celebrated on the fifth Day after the Blint of a Califa, See Is are:

All and the California of California of California of Long, and that in the middle floors. See Feors, See.

See, has the New God Orneans, California, Garcans, and asask, seeze, by resido both Extremes are long,
AMPHIDSOM, in Analogity, Ashon, or chief Maglframe of the City of Spready. See Assesses,

the California of California of California of California of Typeson, and California of California of Typeson, and California of California of California of Typeson, and Typeson of Spready for the Spees of 3 to Teams and Thinday California Section silices us,

AMPHIBSOMYLICE, in the assister Architecture, a bids.

AMPHIPROSTYLE, in the antient Architecture, a kind of Temple, which had four Columns in Front, and as many behind. See Temple:

The Word is derived from the Greek span, about, see, seefare, and sides, Colomas, and sides, Colomas, and sides, Colomas, and sides, Colomas, and sides, a

See SHADOW.

The Word comes from sust, about, and sust, Shadow.
The Amphifeii are also Asii. See Ascii.
AMPHISMELA, an anatomical Knife, 'edg'd on hoth

fides; from dues, usrinque, on both fides, and weak , in-

cash, i.e.t.

AMPHITEATRE, a fuscious Building, either round or ovel, having its Area or Arens incompiled with Kows of Sean, rifing gerdaully one over another; s with Portico's both within and without-fide. See Anna, and Annaya.

Annong the Anniens, the Amplituherer was appointed for the Cathibling of Specthacles or Sheas to the Coople; as, the Cambring of Childrens, and tubel or wild Bealts.

Their Theatre was bailt in form of a Semicircle, only

Their Theatre was built in form of a Semicrete, only secceding a just Semicrete by one fourth part of the Dismeter; and the Amphitheatre was nothing elfe but a double Theatre, or two Theatres join'd together: to that the longest Diameter of the Amphitheatre, was to the fluorost, as 1±0 to 1. See Theatras.

There are Amphibeatres fill standing at Rome, at Nif-mes, &cc.—The Amphibeatres of Velpasian, called the Coli-seum, and that at Verona in Italy, are the most celebrated w remaining of all Antiquity. See Colismum.

Pliny mentions an Amphitheatre built by Cario, which

Pliny mentions an Amphitheatre built by curre, water turn'd on large from Pivous, 5 of that of the fame Amphithea-tre, two feveral Theatres were occasionally made, whereon different Entertainments were preferred at the same time. The Word is desir'd from the Greek signs, about, and Namew Theoryee, which comes from Saissan, 18615, con-

Stares, Theatre, which comes from Sidmas, Specio, con-templor, fo that an Amphisheatre, strictly speaking, is a Place whence a Person may see all around him.

AMPHORA, in Antiquity, an earthen Vessel, which serv'd as a kind of liquid Measure, among the Romans.

Sec MEASURE.

The Amphors contained 48 Sexturies; amounting to about feven Gallons, Englifb Wine Measure.

Amphora is also a modern Measure used by the Venetians. See MEASURE.

Sustonius tells us of a Man who stood for the Questor-sip, and who drank an Amphora of Wine at one Meal, with the Emperor Tiberius.

The Amphora was fometimes also used as a Dry Mea-fure, containing three Bushels; the Standard whereof was kept at Rome in the Capitol, to prevent falle Measures. See

AMPLIATION, properly fignifies an Enlargement; but in Law, the Word is afed to denote a deferring of Judgment Caufe be further examin'd.

thit the Caule be turrier examind.

AMPLIFICATION, in Rhetorick, part of a Difcourfe
or Speech, wherein a Crimo is aggravated, a Fraife or
Commendation heighter/d, or a Narration collaged by an
Enumeration of Circumflances; fo as to excite the proper
Emotions in the Soals of the Auditors. Sec Orazton,

Such is that Paffage in Virgil, where, initead of faying merely that Turnus died, he amplifies his Death, -Ast illi setoustur frigore membra

Vitaque cum gemitu fugit indignata fub umbras.

Amplification, according to Gicero, is a vehement Argu-mentation; a forcible Affirmation, that perfeades by mov-ing the Paffions.

Some Author claim deptitions on the previous or y more some factors of the deptition of the riple rest, to be a Discord which makes great things of listic p or which performs the rest of the rest of

and the Proof; in that the one ferves to clear the Point,

and the Proof; in that the one ferres to clear the Point, and the other to beighten, and exagerate it. See Praors.

There are two general Kinds of Amsthifaction; the one of Things, the other of Words.—The first is produced in divers manner; 2s., 2°, by a Maltitude of Definitions: These contracts of the product of the pr

It is Cicero amplifies on Hiltory: Hiftoria off reflit tempo-rum, has veritaris, varia neumorie, magifora vine, munic curaflatis. So Derentrouv.— 2°, By a Multitude of Adjunch; of which we have a fine Indiance in Frigit's La-mentation for Cofar's Detth, by cummenting the many Predigits and Montlers that either preceded or lacecoded it. mennen me Legiv: Detti, sy commenting the may Pendiphy and Munder that cither predict flavors, injuried Emuliary and Commenting the Commenting the Commenting Comment Com

AMPLIYOR, in Aftronomy, an Arch of the Horizon, in-tercepted between the true Eafl or Well Point thereof, and the Centre of the Sun, or a Star at its rifing or fetting. Sec Horizon, Riesso, Servino, Ge. Amplitude is of two Kinds, Editors or Ortice; and

Moleria, of Occidents.

Moleria, of Occidents.

Enferm, or Rifling Amplitude, Amplitude Orice, is the Diffance between the Point wherein the Star rifles, and the true Point of Eath, wherein the Equator and Horizon interfect. See Eart.

interiect. See Eart, Some call it Enfern, or Orive Latinude. See Lattruva. Welfern, or String Amplitude. Amplitude Occidus, is the Difflance between the Point wherein the Strafers, and the true Point of Well in the Equinocital. See Warr. The Entiren and Wellem Amplitude, are also called Nor-thern, and Southern, when hi the Northern and Southern

Then to the Acco. of 50° 30' 0,2058503 Add the Sine of 9,3118926 9,5177429

Sum is the Sine of

Sum is the Sies of \$9,9171429 and the is the Amplitude required.

which is the Amplitude required, an Arch of the Heriston, contained between the Sun, at this rising, and the East to Well Pedia of the Computs o, or, it is the Difference of the Kiling or Secting of the Sun, from the East or Well Pedia of the Computs of the Sun, from the East or Well Pedia in the Computs of the Sun, from the East or Well Pedia in the Sun of the

AMPUTATION, in Chirargery, the Operation of cat-ting off a Limb, or other Part of the Body, with an In-frament of Steel. See Carazuarary, Operation, &c. In Cases of Mortification, recourse is frequently had to Amputation. See Mortifications, Schamerry, Stra-

Amendation. See Monavarieration, Cannanasa, State-Cartin, C.C.,

18. Depriming it is the unlines of 1. Equ.

18. Depriming it is the unlines of 1. Equ.

18. Depriming it is the unlines of 1. Equ.

18. Depriming it is the first of the Operation being flow or five Inches below the Knee, is the Siln and Beha read into to be drawn very tight upwards, and feecard from re-third the state of the state, fave the Bone dender with as few Strades as of the state of the Knife, flow the Bone dender with as few Strades as of the state of the state, flow the Bone dender with as few Strades as of the state of th

This being done, the Gripo may be flacken'd a to give an Opportunity for fearching for the large Bood-Verlieb, the studied Garety, the Ligature, flitching them any appl-ing Vitrio Battons, or the like. After this a dry Elegae of Lint, or not duply dis Spirit of Wine, and fprinked with Diapene, may be applied to the Stamp. Then loofen the first Ligature, and rould look the Stamp. Then loofen the conveniently may be, over the Stump, to cover it; and fo-cure them with the Cross-stitch made at the depth of balf, care then with the Code little made at the depth of ball, or three quarter for code little made at the depth of ball, or three quarter for the whole Stump two large Predenst, dipyd with the whole Stump two large Predenst, dipyd with the posts and on thefe to apply a Philiter of Do-minium, complex balled posts and on thefe to apply a Philiter of Do-minium, or dimple Dischlyon, and over thefe, an Ox-bladder, waterd in Oxyrates and over all, a Code-loth petry tight, fecu-

After all this, the Gripe may be flacken'd, fo as to be made cafy for the Patient; or even entirely taken away, af-er he is put to Bed; in which he must lie with the Stamp ter he is put to Bed 3 in which he mult lie with the Stamp formewhar railed 3 an Affiliata for 12 or 14 Hours keeping falt the Dreffing with his hand, to prevent any violent He-morrhage—In three or feur Days the Decling may be removed 3 and proper Digetlives, mixed with Aftringens, applied: having an actual Cantery, or fome powerful Styp-tick, in readincts, in case of a violent Hemorthage at the

rik, in sedintél, in câle el a troutet assumante.

M. Abbregou et Gerres, in recode il in the HifM. Abbregou et Gerres, in recode il in the HifM. Abbregou et Gerres, in recode il in the HifM. Abbregou et Gerres, in recode il in the HifM. Abbregou et Gerres, in recode il in the HifM. Abbregou et M. Abbregou et Mangaration, peopole il in
hiri Abbregou et M. Belle bover than the Taxes where the
of Falth and Shir, a liteli bover than the Taxes where the
overder- The Advantages becord, are, that in left than two
Days sime, this Plan have with the Extractors of the divide of
Vefful, and to five a the Necdelly exits of Isolation that the
Order of the Mangaration of Isolation of Isolation
Additional to the Abbregou et al. (1988) and the
over isolation of the Mangaration of Isolation of Isolation
very incommodions. Add, that the Bone that cover'd up,
does not exclude:

AMSDORFIANS, in Church-History, a Sect of Prote-flants, in the XVIth Century; denominated from their Leader Amsdorf

Sandersi, Her. 186, represents them as maintaining, that good Works were not only unprofitable, but even opposite and pernicious to Salvation.—The Amptor fians were rigid Confessionists.

AMULET, AMULETUM, a kind of Medicament, hang about the Neck, or other part of the Body; to prevent, or remove Difeates. The Word Amules is form'd of the Latin Amolesum,

notimentum; of amoliri, to remove, drive away. See

Passaka/ATVF.
Such as Quille of Quile diver or Arfmie, which fone
hang on the Neck, or were under the Shir against the
hang on the Neck, or were under the Shir against the
word of the Poll and the Neck of the
Women of the Epil Indicate to being down the Medica
Amenits as increasing the order than a for of System
Gallette to Increasing to other than a for of System
feed to have the Viras of wording of 11—Pillym mices
frequent mention of "m. Sec Classa, Silve Detection,"
Plyidifficial systems, Printing and The Poll
declared to the Printing of the Poll
published to the Poll
declared to t

and his Domesticks and Friends from the Plague; but, be-ing put on the Plague-Sores of others, they were greatly re-lier'd, and even faved thereby.

The fame Mr. Reyle fixers how the Efflavia even of cold Moulett, may in 1832 of Time pervade the Porca of a living Acinati, may in 1832 of Time pervade the Porca of a Recent of the Ekin, and the Figure of the Capatiles. Reliable has demonstrated the Pefficiality of the Thing in his latt Proposition. De Fatrikas: And the like is done by Dr. Reliable Transition. The Reprint of the Registration of the Reliable Transition. Wainwright, Dr. Keil, &c. See Erphuvia, Pont, Shin, PLAQUE, &c.

Practice, Oc.

Ameler, in Cookery. See Omeler.

AMURCA, in Pharmacy, a Medicine made of the Lees
or Sediment of Olives—It is an Aftringent. See Olive.

AMY, in Law, the Person next of kin to an Orphan, or

aify the Ratio, or Proportion of Equality. See Equivary, RATIO, 68.

ARTIO, 68.

ARTIC, 68.

ARTIO, 68

Month of Scaliger, whom they had confusely accorded a long time. The fill Billion was in 18-66—Soon after statement, Monthly and Monthly a

But these antient Re-baptists were not called Anabaptists.

See RE-BAPTISER.

See Ra-Mattain.
In the XIIIo Canury, the Waldenfar, Albigenfir, and
Partidualfisms, are also recorded as of the time Bellei's but
neither was the Decemination given them. See Astrotictor was the Decemination given them. See AstroThose pergety called Analysistis, are a Seet of Proteflars, who first appeared in the XVIII Canury, in foom
Provinces of Germany, particularly Weighboils, where they
committed levent Oursques—They neight, that Baydin
was not to be confert'd on Children; thus it is onlived to
frees, or to be known given the Astronomy.

freez, or to beat farms; that a tree Carlitis cannot expending Magilitrat, &C.

"Its not known who was the Author of this Scil : Some charge in an Carliffad 5 others on Zuinglius. Ceblerus fays it was Bathiward Pacianomatomi, who began to teach 13:2373, and was barril, at Vienne, Some time afterwards.—Mecorius aftirms it was first booked by Yesingray, in 17 with was its conded by Madeleius, Garrifada, Weighesberg, Scince-

who was faconded by Bioticipus, Caripitas, Wignenergs, Scowen, Dolymin, More, &c.

But the common Opioion fathers it on Thomas Manfler, or rather Manner, of Zowickan, a City of Miffinia, and
Nich. Storek, of Scallerg in Sacony; two Perfons ceiginally
Dicipies of Linder, from whom they colo excein on Esparate,
on pretence that his Declinic was not perfeld enoughly that he
had only carried the Reformation half-way; and that to sarrive

at the two effential Religion of Chrift, immediate Reve-lation must be added to the dead Letter of Scripture: Les revolutionables deviated indicated the dead of the control Municrast.—In cff.82, if these two Persons were not the first Inventors of the Doctrine; a they appear, as least, to have been the first Tunchers, and Propagators thereof. See La-THER ANISM.

Stéiden feathle she belt Account of the Origin of the Analystight, in the Hifferiac Commenteries—Latert, to observe, had practed up to freemoully for the Evragelical bedstern, had practed up to freemoully for the Evragelical Logorithe Steiden, and the Commenter of the Commenter Sleidan funishes the best Account of the Origin of the

Commissioner of God.

Luster finding all his Exhorations ineffectual, published
a Book, wherein he invited all the World to take up Arms
against those Finanties, who thus abacid the World of God.

—He was obliged to write a fecond, foon after, to justify his
Conduct; which to many appeared too fevere, and even

cruel.

The Austoppilit, to the Number of farty thouland, rivaged all the Pitzes wherever they came. Yabro of Lei-driv, who heeld off, m, chertal hinding finds King, said onever filted out or appeard in publicle, without a large Reinston of principal Olivices: I'we young Men always role immediately after him, the cone learning in his Hard a way to establish the new Reign of Jefa Chiff in Daxin-ly by face of Arms; condensing all side of Arms for other Purpoles. Achium was not areas and any state of the Arms; condensing all side of Arms for other Purpoles. Achium was not areas and support of the Arms; condensing all side of Arms for other Purpoles.

face of Arms; condomning all site of Arms for other Purpoles. Chriss waters: Treatile Sagainth: the chatestyffit, fill it comes in his Oppirals—White they chiefly supported their time in his Oppirals—White they chiefly supported their time in the control of the characteristic characte

anfere this Argiment; and are Obligid to have records to Tradition, and the Frittine of the Tradition Charch. In Tradition, and the Frittine of the Tradition Charch. In Tradition, and the Frittine of the Tradition Charch. In Tradition, and the Tradition of Tradition and the Tradition of Tradition arthrophic of Julipin; a Conceil bell in Africa, space of by the Cyprian, where the English in Africa, space of the Obligid Charch, where the English of Green, of Leaden, of Firms, &c. belife other Fathers, a Tradition of Tradition of Tradition, of Tradition of Tradition, and the Tradition of Tradition o

the throne of the control of the con

The characteristic adopted feveral other Dogmans from the efficiency and the control of the cont cipal were the Munerians, Caibarylls, Entitylalls, Shentes, Adamites, Georgians, Independent, Huttes, Melbiverites, Nudipedations, Memouries, Buleboldents, Augustinians, Serventans, Monaferians, Libertins, Develotians, Sompe-verates, Polygomites, Androffens, Clancularians, Maniferians, Bacularians, Pacificators, Pelperiodes, Sangui-flerians, Bacularians, Pacificators, Pelperiodes, Sangui-

narii, &c.
ANABASII, is Antiquity, the Couriers who travel'd on
Horfeback, or in Chariots. See Couriers, and Post.
The Word comes from the Greek assessin, adjectifus,

ANABIBAZON, in Adronomy, the Dragon's Head; or the Northern Node of the Moon, where the paffes the Ecliptick from South to North Latitude. See Dragon,

ANABROSIS, in Medicine, the iffuing of Blood at a Hole were in a Vein by Corrolion.—The Word is Greek,

ล้าสัดเอก, crofto.

ANACALYTERIA, in Antiquity, Foafis celebrated among the Heathens, on the Day that the Bride was permitted to lay afide her Veil, and to be feen in publick. See FEAST, MARRIAGE, &c.

They were thus called from the Greek ล้ายผลบังใจต, to dif-

ANACAMPTICK, fignifics as much as Reflecting; and frequently used in reference to Echoes, which are said to is frequently afed in reference to Echoes, which are faid to be Sounds produced anacamptically, or by Reflegion. See Reflection, Sound, and Ecno.

REFLECTION, SOUND, and ECHO.

Hence allo Ameasuprick is by fome nixed for Catoptricks,
See CATOPTRICES, PHONICES, &c.

ANACATHARTIC, is underthood of a purging Medicine, that works upwards. See Pendattre.

The Word comes from Sos, Supra, upwards; and sobstem,

purge, I purge.
ANACEPHALEOSIS, in Rhetorick, a Recapitulation; or a fhort and fummary Repetition of what has been faid. Sec RECAPITULATION. The Word comes from the Greek are, which in Compo

The Word comes from the Greek zin, which is Compe-ficion figuings reprinting and snople, Hardman Tr. ANAGENORIET, or Ascissor. See Astronous Tr. ANAGENORIET, or Ascissor. See Astronous Tr. ANAGENORIET, or Ascissor. See Tout, and Catalogue and earlier than iterally happend. See Tout, and Catalogue and earlier than iterally happend. See Tout, and Catalogue and See his that of Tryin, who places albein infriest a the Time of Assatz; the, in reality, the did not comes there this position of the Catalogue and the Catalogue and the life of the Catalogue and the Catalogue and the Catalogue and iteration and the Catalogue and the Catalogue and the Catalogue and infendle be, in call of Paractrophysics See In accuracy and infendle be, in call of Paractrophysics See In accuracy and The Word is compounded of the Greek sins. pra, restorfum, higher, backwards; and zeir@, tempus,

ANACLATICKS, that Part of Opticks which confiders refracted Light. See REFRACTION.

Anaclaticks are the fame with what we more usually call

Dioptricks. Sec Diopyricks. ANACLETERIA, in Antiquity, Fessits celebrated in honour of Kings and Princes, when they took upon them

the Administration of their State, and made a Solemn De-

the Administration or their State, and made a sostemn De-claration thereof to the Poople.

The Word is form'd of ess, success, success, I call.

ANACREONTIC, in the Greek and Latin Poetry, feme-thing invented by Anacreess; or in the Mamoer and Tatte

of Amacrem, a Poet of Teies, who lived upwards of 400 Years before Chrift, was famous for the Delicacy of his Wit; and the exquifite, yet cass and natural, turn of his Poety—We have leveral of his Odes fill extent a and few of the modern Poets, but have Amacreenticks in Imitation

They are most of 'em composed in Verses of seven Syl-lables, or rather, of three Seet and an half, Spondees and lambus's, the founctiones Anapelex—Hence, Verses in that Messure are usually called Anacrevaticks, or Anacreontic Verses. See Verses.

ANADIPLOSIS, in Rhenerick, a Figure, in which one Verfe begins with the fame Word wherewith the former ended. See Figure.

Verie begui.

- maded. See Figura:

The Word is fornetimes also used in Physick, for a Reduplication of the Fits, or Paroxysins of Ferens: in which Sense, some Writers also call it Epanadi plosis.

ANAGLYPHICE, or the Anaglyphic Art, figuine's Scuipture; or the Art of Carving, Engraving, Chafing, and Emboffing. See Sculpton, Carvino, Engravino, Engravino,

Sculpture; of the the Charles, Carvino, Engartino, Ex-Emboding, Sec.

CHASINO, 25c.

The Word comes from the Greek dispusses, expenses.

ANACOGICAL, Mosterious, fomething that raises the
Mind to Things cernal and divine; the Matters of the

next Life. See Analogy.

This Term is principally used with regard to the different
Senses of the Scripture.—The literal Sense is the first, and
the natural Sense: The mystical Sense is sounded on the nathe natural Scine: I he mytheal Scine is founded on the usual Scine, from whence it is taken by Analogy or Compa-irlon, by Similitude or Refemblance of one thing to ano-her; and is divided into feveral kinds. See Mystreat. Where it regards the Church, and Matters of Religion, it is called the Altigorical Semic. See Altaconical.

Where it regards our Morals, it is called the Tropological See TROPOLODICAL

Sonfe. See Theoretoenca. And where it reputs literately, or the Life to come, it is called the disregards decide. See Stress:

see the distribution of the distribution of the Properties of the strength contraining which is formed of the Properties, furtient, gravesta, and eyes), leading 5 of eye, disc.

ANAGOGI. Anacone, it Rupture, to Elevation of the Sonly to things Cacitals, and Irenal. See Exprany, See.

Sonly to things Cacitals, and Irenal. See Exprany, See.

See Mayor. Each a Falling of Strength Company.

it is an Anagogy. See Mysric.

We have Comments on the Scripture, which are Anogoes throughout. See ANACOGICAL.

ANAGRAM, ANAGRAMMA, a Transposal of the Letters of a Name; or a Combination thereof in fome new

Advantage or Difadvantage of the Perion to whom it bo-longs. See Name. The Word is form'd from the Greek drayesps, I write

backwards bookwards. Thus, the Ausgram of Galenus is Angelus; that of Lugica, Caligo 3 that of Lorenze, is Alerious, on which account is was, that the Family of Lorenta took. Alerious for count is was, that the Family of Lorenta took. Alerious for the California of Lorenta took. Alerious for the California of the Lorenta that the Angelus of Lorenta of Lorenta

ly lextond Perfon in the Three of Charleanty, who con-tributed greatly to the Refunsition of Hectming in that Leg-Barriay, in his Argenit, assignmentation Collisions by a Cherciagn Charles and Relevisia, to be a Cherciagn Cherciagn, Ulfunder: a difficult to be a the Nanc, found in hard Cheirig, who had made an Anagean of this Nanc, found in hard Cheirig, Park, the his Nanc, found in hard Cheirig, Park, the his Nanc, found in that of Cheirig, Park, the his Nanc, found in the Cherciagn of Anagean, the his Nanc, found in the Cherciagn of Anagean, the his Nanc, found in the Cherciagn of Anagean, the his Nanc, found in the Cherciagn of Nancy, the his Nancy, the Nancy, the Nancy, the Nancy, the his Nancy, the Nancy, the Nancy, the Nancy, the his Nancy, the Nancy, the Nancy, the Nancy, the Nancy, the his Nancy, the Nan

or K; and vice verfa. See Alemaner. This way of writing was fearer known

This way of writing was scarce known among the Antients: Dasrat, a French Poet in the Reign of Charles IX. is afually faid to be the first that broach'd it: Yet Lyophren, who wrote under Proteiny Philadelphis, about 18. phron, who wrote under Ptolemy Phitadelpous, about 200 Years before Chiffly appears to have been no Stranger to the Art of making Anagrams. Cauterus, in his Prolegom-na to Lyophron, gives us two of his Pieces in this Kind, the first on the Name of King Prolemy, Itroduces, in which he found early share, of Houry; to infinante the which he found ere phores, of Honey; to infinuate the Sweetness and Mildness of that Prince: The second was on Ouen Arstines, Armin, of whom he made for Here, June's

Fields. The Cabbalifs among the Jerus are profels of Ausgram-milits; the third Part of their Art, which they call More, i.e. changing, being nothing but the Art of making Ausgrams, or of inding bilden and mylfical Meanings in a first of the Art of the the Meffiah, they make משיה be fhall rejoice.

There are two manners of making staggards for, the form only confir in dividing a fingle Word into feveral; Thus the Edigma of the God Terminut, mentioned by Smith Wilson and the Smith of the God Terminut, mentioned by Smith Wilson and the Smith of the

ment. The focus, is where the Order and Situation of the Lenten is changed; but are shoft abovementally and Ferrary and Safery, shows; Jaims, Library Copfing, Perrary, Trans. Safery, shows; Jaims, Library, Copfing, Trans. Safery, shows; Jaims, Library, Lorger, Trans. Safery, shows a supplied at the Annanas and Name will admit of, adjectiving, for the Anticle Coassassystem, The field and happiet of all the Annaparas exams, it that as the Queffine part by Thirte to folia Christis, Safery, and the safery of the Annaparas, here was a supplied and safery for the Annaparas, here were supplied to the coals with the view, the Annaparas has produced to the coals with the view, the Annaparas has coald widthe be view, the Annaparas has supplied the coals with the view, the Annaparas has supplied the coals with the view of the Christian and the Annaparas has supplied the view of the Christian and the Christian that could possibly be given.

(83) Befides the antient kind of Anogram, there have been now ones invented a st, the Mathematical Anogram, invented in 1680, by which the Abbot Catelan found, that the eight Letters of the Name of Lewi XIV. made Vrai Heros, i. e. true Hero.

Herst, 1. c. true Herst. We are now likewife furnish'd with the Noverriest 4-we are now likewife furnish'd with the Noverriest 4-nograms; where the nomeral Letters (i. e. fach as in the Rousse cyhetrical flood for Nombers) taken together, ac-cording to their nomerical Values, experts fome Epochs a cording to their nomerical Values, capter for Epochs at the late French King, in Pitch of Goderr on the Birth of their Wassa Conjunction of the Eagle with the Lind West of their Wassa Conjunction of the Eagle with the Lind Hearts:

eXorlens DeLphlu agVILe CorDIgiVe Leonis Congress V gal. Los spe LashilagVe reselle.

ANALECTA, a Greek Term, fignifying Collection;

handleuth, a Other Rein, nghayang consistent, formed of aboya, I gather.

Anallemma, a Plantiphere; or Projection of respect, on the Plant of the Merdian, orthographically made, by first Lines and Ellipfes; the Eye being (appeled to be at an infinite Dillañce, and in the Eaf or Weil Points of the Hotizon, See Plantifitar, Projection,

ANALEMMA, is also used for an Astrolabes of kind of lastrument, confishing of the Furniture of the same Projec-tion, drawn on a Plate of Bards or Wood je with an Ho-rizon or Carfor fixed to it. See Astrocase. It so see is for finding the Time of the Sun's rising and fetting, the Length of the iongest Day in any Lastinde, and the Hour of the Day.

the Hour of the Day.

The Analemma is also of confiderable use among Diallist, for laying down the Signs of the Zodiack, with the Length of Days, and other Matters of Furniture, upon Dials. See Dial, and Funnituse.
The Word is derived from the Greek sinknya, of avarage

The water is the property of the property of Reme-ANALEPTICKS, in Medicine, Referentiers, or Reme-ANALEPTICKS, in Medicine, Referentiers, or Remedias proper to reflore the Body, when walled or emaciated, either by the Continuance of a Diffusic, or the Want of Food. See Restorative.

Food. See Restorative.

Food. See Restorative.

The Word is Greek, Amaerikal, derived of Nanaquian, Teredalahih, right, a ceruia Relation, Proportion, or Agreement, which forest Things, in other project difference, better to each other—Such is that between the Bull in the Heeven and the Animal to Gulden Earth Bull in the Heeven and the Animal is Gulden Earth Bull in the Heeven and the Animal is Gulden Earth Bull in the Heeven and the Animal is Gulden Earth Bull in the Heeven and the Animal is Gulden Earth Bull in the Heeven and Guerratical and Guerratical and Desire and Desire and Guerratical Animals in Heeven and Guerratical Animals and Guerratical Anim Reasonings by Analogy may serve to explain and illustrate, but not to prove any thing; yet is a great deal of our phi-losophizing no better founded. See SIMILITUDE, PHILOSO-

PHIZING, &c.

In Matters of Language, we say, New Words are form'd by Analogy, i. e. new Names are given to new Things, conformably to the establish'd Names of other Things of the conformably to the citability A sames of other Things of the like Nature and Xind. See LANUVARS, and WOAD.— The Difficulties and Obfortities in a Language, are chiefly be eleared up by Analogy. See Errystopers. The Schoolmen define Analogy to be a Refermblance, The Schoolmen define Analogy to be a Refermblance, juil a with Enon Divertify: 1s Foundation, according to them, it had in the Propertion of Ferrent Things, confidered that it Proportion proceeds upon different Confiderations. See

PROPORTION.

PROPORTION.
Thus, a found Animal, a found Food, and a found Pro-position, agreeing in this, that they have a common Deno-mination, but the Reason or Quality whereon the Denom-nation is founded, different; are fail to have an shadey, or to be analogous,

to be analogous.

Accordingly, Analogous Things are defined to be fuch as have a common Name, but the Thing immediately figuing the day that common Name, different; yet with fome Correspondence or Relation differential etherein. See General

Tirm.

Thiologhers usually diffinguish three Kinds of Anatogy, via—of Engulusy, where the Reason of the common Demonitarion is the fame in Marter, but no in Degree or Order In which Sensie, Adminst is analogue to Man, and Berten.—Of Arterburiusy, where, the Reason of the Desire.—Of Arterburiusy abert, the Reason of the blade or refect thereous In which the Bessel of the Sensie of the Sensie of the Sensie of the Order of the Sensie Disp where, the other Reason of the Orderon Manne do Reason Desire, the Sensie of the Orderon Manne do Reason Desire of the Orderon Desire hely where, the the Resions of the common Name on really differ, yet they bear fome proportion to each other: In this Sende, the Gills of Fiftee are faid to be analogous; to the Longs in terrefitial Animals: and thus, the Fyz and the Understanding are faid to bear an Analogy to each

ANALOGISM, ANALOGISMUS, in Logick, an Argument from the Cause to the Effect. See Cause, &c.

ANALYSIS, in Logick, a Method of applying the Rules of Reatoning, to refolve a Difcourfe into its Principles; is order to a Difcovery of its Truth, or Falfhood. See Pain CIPLE.

CIPER.

Or, Analyfi: is an Examination of fome Difcourfe, Propo-fition, or other Matter, by fearching into its Principles, and feparating and opening its Parts; in order to confider them more difficulty, and arrive at a more precise Knowledge of the Whole. See Discourse, Proposition, Reduction,

The Word is Greek, andware, which literally fignifies, Respection; form'd of dod, and how, follow, refelies, I looken, I

platine, Emril et de, aut. Income angules particular, francis en grai Brach (1900), platine, platine, platine, francis et de l'activat, recipiere et de l'activat ferreit Operation requirt i herein, effichel by its Combi-mation i theid Sign. But what is yet more carmodium; by by mean of this drt, a Number of Truths are frequen-ity experted by a single Lies, which in the common way. I experted by a single Lies, which in the common way. Volumes: Thus, by more Comp. Things, would fill whole Volumes: Thus, by more Comp. Things, would fill whole volumes that the properties of the properties of the work of the properties of the properties of the properties of the volumes of the properties of the Carmon of the properties of the properties of the properties of Finite, and have of the properties of th

of Frunces, and that of Infinites.

AMALYLES of finite Quantities, is what we otherwise call

Specious Arithmetics, or Algebra. See Aldrean, and

Specious Arithmetics, or Algebra. See Aldrean, and

AMALYLES of Infinites, called also the New AMALYLES,

is particularly used for the Abbody of Fluvious, or Differential Cetalulus. See Fluvious, and Calculus.—See also

Calculus.

ANALYSIS, is sife used in Chymistry, for the decompounding of a mixt Body; or the Reduction thereof into its Principles. See PRINCIPLE, REDUCTION, DECOMPOSITION, DY, Oc. To analyze Bodies, or refolve 'em into their component Parts, is the chief Object of the Art of Chymistry. See

HYMISTRY. The Analysis of Bodies is chiefly effected by means of

The Analytis of Badies is chiefly effected by means of Fig. See First, Olymaid Monthly firefolve into Witter.

All Badies, by L. Clymaid Monthly the every looky does not afford all their Parts, but flowury, the every looky does not afford all their Parts, but flowury, the every looky does ing to the Kingdoon they belong to. See First NIT—See all WATER, FARTH, SALT, SET.

Market Monthly of Vegatine is easy; that of Folis, particularly dependent of the Contract of the Contrac

county success and Semi-metans, difficult. See VRECTABLE, FOSSIT, METAL, &C.

Some Bodies of the Fosfill Tible condifi of Particles forcer yminute, and fo firmly united, that the Corputics thereof need lefs hear to carry them off, than to forparte 'em into their Principles: Su that the Analysis is improblemble in fach Bodies.—Hence the difficulty of analysis, Sulphur. See Surriun.

See OVESTUR.

The Anaromical Diffiction of an Animal, is a kind of Mandyll. See Anarosey, and Dissacricos.

Anarysis, as allowled for a kind of Sylabus, or Table of the principal Heady, or Arricles of a continued Difficurity and Information and Informati

ANALYTIC, ANALYTICAL, formething that belongs to, by patrakes of the Nature of Analysis. See Analysis. Thus, we fay, an Analysical Demonstration; Analysical Enquiry; Analysical Table, or Scheme; Analysis Method, Enquiry ; Analytica

The Australian Method flunds opposed to the Systevision of the Australian Method flunds opposed to the Systevision of the Australian Method flunds of the Australian Method flunds of the Australian Method for the Australian Method for Commentary of the Australian Method for the Australian Method flunds of the Australi By this way of Analysis, we may proceed from Compoun by this way of January, we may proceed the Courter producing them; and in general, from Effects to their Caufes, and from particular Caufes to more general ones, till the Argument end in the most general.—This is the Analytic

Nactiond.

* The Synthetic confifts in affuming the Caufes diffeovered, and eftablished as Principles; and by them explaining the Phanomena proceeding from them, and proving the Explanations. Sec SYNTHESIS.

ANALYTICS, ANALYTICA, the Doctrine, and Use of

ANALYTICS, ANALYTICS, the Doctrine, and Use or Analytic Sec Analytics. The great Advantage of the prefect Mathematicks above the autient, is chiefly in Point of Analyticks.

The Authors on the autient Analytick, are commerated by Pappris, in the Prefect or to his yth Book of Mathematical by Tespen; is the Preface to his 7th Book of Mathematical Colicitions, being, Eattle, in his Dates, and Pernflusta 5; Apollomins, de Stillmer Retirents (Apollomins, de Stillmer Retirents (Apollomins, in his Conichs, Inclinations, and Testings, Testings, and Destroffbenets, de taedit proportionalibins. But the antient Analystick were every different from the modern. To the modern Analysicity, principally, belong Algebra 5; the Hillings of which, with the Gereal Authore thereon, fee

under the Article ALGERRA.

under die Artick Actustan.
The chief Witters upon the Analytic of Infilites, see Int
Inventor, Sie Bate Newton, in his Analytic of Rubites
and Series, Frencisco E Oldfrennich, come reinstanding
M. Leinbern, in All. Fruidere, An. 1634; The Merquis de
Thipleta, in his Analytic des Infilites plates, in del Carre, in his Methode pare in unique des Indipent, in del 1900; G. Analytican, in a politimose Price, de Capre-tione Parateum defermation prins gradus, 1901; Noch, Agreeters, In Caprellametholis, 1648; Cheyni, M. Articker, D. Legarithmetholis, 1648; Cheyni, M. Articker, 1903; A. Caprellametholis, 1648; Cheyni, M. Articker, 1904; A. Caprellametholis, 1904; M. Ca determinandi, 1685; and de Quadraturis figurarum curvi-linearum & locis, &c. 1693: Dav. Gregory, la Exercita-tione Geometrica de dimensions figurarum, 1684; and Niutrons Geometrica de dimensions figurarum, 1084, 3 and Nivieutit, in Confiderationibus circa Analysics and quantitates infiniti parvas applicate, principia, 1095.— The Sum of what is found in l'Hôpsida, Gerre, Cheyme, Gregory, and Cratig ; is collected into one Volume, and very well explained by C. Høyes, under the Title of, A Treasife of Education.

ANALYTICS, in Logick, is a Part of that Science, teaching to decline and continue Reason, as Grammar doth

Words.

ANAMORPHOSIS, in Perspective and Painting, a monfront Projection; or a Representation of some image, cither on a plane or curve Surice, deformed 4, which at a certrin distance shall appear regular, and in proportion. See PROJECTION.

The Word is Greek; compounded of ens, and pageasu,

formatio, of word, form.
To make an Anamorphofis, or monthrous Projection "To mike in Januarylan, on monthous Projektino ma Pince.—Dawn the Square A B CD, Chiha Periperkire, Fig. 18, 0 at bigues at pelaria, and fabilitied is into a Number of Archiva, to leifer Square—in this Square, on the Square AB, and divide it into the form.—Then dawn the Line size AB, and divide it into the form Number of capal Para, as the Side of the Prostrye AB, and in E, the middle thereof, and divide it into the form Number of capal Para, as the Side of the Prostrye AB, and in E, the middle thereof, and the side of the Prostry and Square and the Squar the Monftrous Projection is to be delineated in ; salled the

Lafily, in crety Arcola, or final Trypealum of the Space at 2cd, draw what appear delineated in the confession of 2cd, draw what appear delineated in the confession of 2cd, draw what appear long in the position on a Fye dilitant from it the length FV, and railed above in heighty V, See Disasyon, the defined lange of the confession of

tyrical Face of a Man.

tyrical Face of a Man.

An Image also may be differred mechanically, by perforating it here and there with a Needle, and placing it againful Candide, or Limp; and observing where the Raya
which pass throw these little Holes fall on a plane, or core
Superficies; for they will give the correspondent Point of
the Image deformed t by means whereof, the Deformation may be compleated.

To draw the Anamorphous, or Deformation of an Image spon the convex Surface of a Cone.

spie to evenue surjete 9 a Come. It is manifel from the former Cach, that all heer required is a compared to the former Cach, that all heer required to the Cone, which final appear to an Eye daily placed over its Verrox, capital to the Cartical Prototype.

Let the Back B CD, therefore, of the Cone, (Fig. 72)

Let the Back B CD, therefore, of the Cone, (Fig. 73)

Parts, that is, the Petiphery thereof's And let form to Radius be likewise divided into equal Parts, and thro' cach Gotte of Divideo draw concentral Carles's thus will the Cone of Divideo draw concentral Carles's thus will the Poler of Divideo draw concentrick. Circles: thas will the Carciacht Prototype be made.— With double the Dis-meter AB, as a Radius, deferibe the Quadratt EFG, (Fig. 2a.) be at the Arth EG be equal to the whole Re-(Fig. 2a.) be at the Arth EG be equal to the whole Re-Ciparation of the Company of the Company of the Company Divide the Arth AB into the Gime Number of Coupl Parts as the Castechar Prototype is divided into, and draw Radii from each of the Points of Division, Produces GB to I, fo that FI = FG, and from the Centre I, with the to I, 6 that F1= FG, and from the Center I, with the Radius IF, draw the Quadrant F K1, and from 1 to E daw the right Line 1E. Duvide the Arth K F into the firms. Vamber of equal Parts, as the Radius of the Centison of the Center of Divideo, from the Center I are the Points of Divideo, from the Center I metric EF, it is 1, 23, 35. Line III, from the Center R, with the Radii F is 1, 73, 35. defenils the concentrick Arches.—Thus with the Carticales Ekyp to Form M, each Accous whereof will appear equal to other.
Thereo, when the Center I is very Arctic of the Center I are the Center I in th

cular Prototype; being transferred into the Arcolas of the Craticular Ectype; the Image will be difforted or deformed yet an Eye being duly raifed over the Vertex of the Cone,

yet an Eye being duly raited over the Vertex of the Cone, will perceive it in jult proprise.

If the Chords of the Quadrants be drawn in the Craticalar Prototype, and Chords of their fourth Part in the Craticalar Edyne, all things elle remaining the fame y you will have the Craticalar Edyne on a quadrangular Pyramid.

And hence it will be eafly to deform sny Image, in any

other Pyramid, whose Base is any regular Polygon.

Because the Eye will be more deceived, if from contiguous
Objects it cannot judge of the diffance of the Parts of the deformed Image; therefore, thefe kinds of deformed Images are to be view'd thro' a fmall Hole.

ANANAS, in Natural History, by fome called Nanat, by others Jayama, and by us popularly the Pine-Apple on account of the relemblance it bears to the Cones of Pines or account of the refemblance it bears to the Cones of Pines or Firs 1 is a fine Indian Fruit, which grows on a Plant like the Fig-tree, and of the Size of an Artichoke. The Fruit is adorned on the Top with a little Crown, and a banch of red Leaves refembling Fire. The Fiefh is fi-

a banch of red Leaves refembling Fire. The Fiefth is f-broug, but diffolives in the Mauth; a baving the delicious Tailte of the Peach, the Quince, and the Mufcadine Graps, all together—M. du Terroe delicities three Kinds of Am-nas, "They make a Wine from the Julece, which is almost equal to Malnigs Sack, and will Intexcicate as foom. It is good to fitrongisten the Heart and Nerres, against

It is good to throughou the Heart and Norvers, against anafacturing, to referth, the Spirits, and excite University is a factor of the Spirits of Spirits of

ttill Oploit, for the Nig of Fruits.—Great Endeavoes have of late been used to calivate the Rain in Europe's in which they have fucceeded, and there are now produced delicious Prairs of this kind, in fune of the fine Gardens in England.—They are utially about the Size of a Tennia-Bill. ANAPEST, NANEZET, a Foot in the Gerke and Zairs

Poetry, confishing of two faort, and one long Syllable. See



Such is the Word Legerent.

The Word is derived from downin, courts ferire; this Verfe being the Reverte of the Dactyl. See Dacry; Anapeliek Verfet, i.e. Verfes wholly composed of such

Anaposities Verles, i.e. Verles wholly composed of such Foct, were much in vogac among the Antients. ANAPHORA, in Rhetorick, a Figure whereby the same Sound is repeated in the Beginning of several Sentences, or Verley. See Figure.

The Word is Greek, dranged, fignifying Relation, or Re-

ANAPLEROTICKS, in Medicine, fuch Remedies as incarnate, and fill up Ulcers and Wounds with new Flesh. See Wound, and Ulcers.

Anapleroticks are the same with what we otherwise call Incarnatives. See INCARNATIVE.

The Word comes from the Greek downward, to fill up.
ANARCHY, the want of Government in a Nation, who no supreme Authority is lodged, either in the Prince or other Rulers; but the People live at large, and all things are in confusion. See Government.

confusion. See Government.

The Word is derived from the Greek Privative a, and ages, Command, Principality.

ANASARCA, in Medicine, a fort of univerful Dropfy, wherein the whole Subtiance of the Body is furfied, or bloat-

ed with piruitous Humours. See Daorsy.

The Anafarea is otherwife called Lescophleematia. See

EUCOPHLEOMATIA. The Word is form'd of the Greek aregana,-The Ana-

the Word is formed of the Greek America.—The America is a further degree of a Gabrieras. See Collegary, in an America, the Loge fived in a the beginning, officially towards Hollyt, and then pit remarkshy? The Utific higher, and appears in the Thiphy, Bolly, Reself, Armer The Farce becomes pile and colavorous; the Fich formed lax; a difficulty in Referration comes on, attended with a flow Verger, Collegary (1997).

flow Fever, 5c.

ANASTOMASIS, or ANASYOMOSIS, in Anatomy, is fometimes used to exprets such an Aperque of the Moeths of the Vessels, as less out their Contents. See Vesser, 5c.

The Word is form'd of the Greek 4rs, per, thro, and

sun, Os, Month.

ANASTOMASIS is more frequently used to denote the open-ing of two Vesseis into one another; or the Union and Juncture of the Mouths of two Vesseis, whereby they come to communicate with one another.

to communicate with one another.

There are various Anaflowages of this kind, e. g. of an Astery with an Astery, at Vein with a Vein, or a Vein with an Astery. See Axyaxx, and Vxix.

The Circulation of the Blood in the Fectus is effected by means of the Anaflowage, or Inofeulations of the Vena Cava with the Pulmonary Vein y and of the Pulmonary Astery with the Pulmonary Vein y and of the Pulmonary Astery. with the Aorta. See FORTUS.

with the Acrt. See Forzer.
The fame Clitevilies is allo performed in Adults, by the Analousing or Continuations of the Capillary Arreface with Analousing or Continuations of the Capillary Arreface with After the Christopher of the Beart, After the Christopher of the Beart of the Acrt of the Analous of the ties of those Vessels, in Fish, Frogs, &_...-However, there were not wanting those who deabted of the like Continuations of the Extremities of the Arteries and Veiras in human Bo-dies and Quadrupeds; fince those Animals it had hitherto dies and Ogsdrapsels s fince to the Animals it had hithern been chiefty feen in Stuit-duckly, were chiefer fach. Filt, or amphilosis Kindi, as have but one Venericle in their commission of the chiefer of the chiefer of the chiefer blood deen effective chiefer of the chiefer of the whole Herrer have two Ventricles. This difference in the principal Organe of Certulation, moved Mr. Cerept vo make Experiments on Arlamist, whole Organs differ only from the Human in their goed Figure, and one in their institu-tion of the chiefer of the chiefer of the chiefer of the Struckner.—The Relat was a plain Differency of the like Inductions of the Arreries and Velan, in the Ometsuam Organisation of the Commission of the a Cat.

a Cat.
George Frederick Francus, of Frankensus, a Physician of
Copenhagen, published, in the Year 1705, a learned and copious Work, initial, Anafonadis Renefix.
ANASTOMATICS, or ANASTOMATIC Medicines, are
than have the Faculty of opening, and dilating the Orifices of the Welfels; and by that means of making the Blood circulate the more freely

Blood circulate the more treely.

The Word comes from the Greek 'Assessable, I open, unflep.

ANAUHEMA, an Excommunication, attended with
Executions and Carlos. See Excommunication.

There are two Kinds of Anathema's the one Judiciary,

the other discounts. the other Abjuratory.

the other Abjunatory.

The former can only be pronounced by a Council, a Pope,
Bifhoy, or other qualified Perion; and differs from a fimple Excommunication in this, that an Excommunication
only prohibits the Criminal From entering within the Church,
or from holding Communion with the Faithful; whereas

an Anathema cuts him off from the Body, the Society, and even the Commerce of the Faithful, and delivers him over to the Devil.

The latter kind of Anathema ufually makes a Part of the Geremony of Abjuration; the Convert being obliged to nathematize the Herefy he abjures. See Asjuration.

Most Greek Writers diffinguish Anathema, written with a

Mott Greek Witters dittinguith Anathemas, written with a long e, 'washigas, from Anathemas with a finet e, 'washigas.' Yet Beas rejects the Difference.—Politze, in his Lexicon, observes that the Word properly fignifies, Giffs advantage to the Gods: This Interpretation is confirmed by Medychurs, who explains Anathemas by Ornaments; stefe Gifis belong lung up as Ornaments in the Temples.

bang up as Chraments to the Temples. The Criticis and Commentators are divided about the manner wherein St. Paril withes to be Anathema for his Brenthran, Roman, Cap. IX. 3. Some render is by accuried for, other by febrated from, &c.

ANATOGISM, MAX-roctures, an Ufurious Central, wherein the Interest affing from the principal Scan, and the Commentation of the Comm

Whole.

Austocifis is what we popularly call Interest upon Interest. See INTEREST.

This is the worst Kind of Usury, and has been severely condemned by the Roman Law, as well as the Common Laws of most other Countries. See Usury.

Laws of melt other Countries. See Usuwy.

The Word is ouighaily Greek, but is used by Gierro in

Latin; whence it has defonded into most other Languages.

It comes from the Perposition six, which in Composition fignifies Reptition or Duplication, and was, Uffer,

ANATOMY, the Art of dischang, or suificially taking
to pieces, the folid Parts of Animal Boddes; in order to an

exact Discovery of their Structure and Occonomy. See A-NIMAL, BODY, DISSECTION, and OREONOMY. Anatomy makes a great Branch of that Division of Me-

Austrary makes a great Branch of that Division of puc-dicine called Phylifology. See Manufaria, and Pravisocoux. It is fometimes divided, with regard to its End, into Spe-culative and Practical; a Division of very little use and mo-ment.—It is also divided, with regard to its Sabject, into Human and Comparation

Human, which is abfolutely and properly denominated finatomy, is that employ'd on the human Body; called also finite property. See Anymanopology.

Comparative Anatomy, is that which confiders Brutes, and other Animals, and even Vegetables; chiefly with a View to illustrate the human Structure. See Comparative Anatomy.

Anatomy.

The Sabject of Anatomy, viz. the Body, is variously divided into Parts, Organical, and Inorganical; Similar, and
Diffimilar; Spermatick, &c. See Part.—See also Simi-LAR, ORCANICAL, Sc.
Its more obvious Divifice, is loto Solids and Fluids, or Containing and Contained Parts. See Solid, and Fluids.

Contening und Continued Parts. See South, and Farth.

Under the Solids come the Bress, 148/16s, Newes, 4-retries, 148/16s, 148/16 pounted to be neld by the Divices of Salamanne, in order to be fatisfied, whether or no it were lawful, in point of Con-leience, to diffich a dead Careafe.—We may add, that to this Day the no afe of hastomy and Skeletona, is forblid in Mangeony; the first as inhuman, the latter as fablerwint to Witcheaft: And Olearins saffaces an throne Spirin; a 6577-man Chirargeon, being found with a Skeleton, hardly cleaped

man Universeoo, being found with a Skeleton, händly elayd with Life; and the Skeleton, after being Islemmyl drugged about the Streets, was harnt. Boyle's Ufefaling! 6 Philof. Pfalinin, a Femilio Physician, who died in 1764, was the first who let Austoney on any tolerable footing. He was let concled by Carpes, Sylvian, Frentine, Falloyna, Efaliahina, Falloyna, Efaliahina, Falloyna, Efaliahina, Falloyna, Efaliahina, Falloyna, Carben, Do whom form of the control of the Carpes of the Carpes

These were nacceously by once, row would wone to the finest Discoveries in Austrony are owing.—Alabas, in the Year 162s, discovered the Lacteal Veins, and in 1428, the immortal Harvery publish A his admirable Discovery of the Circulation of the Blood. See Lacraza, and Graguezatow.——Pergent discovered the Referred for the Chyle, Circulation or view.

Perquer difference the Relevant of the Cayle, and the Thoracisk Dack, in 1625.

See Recentations of Copyling the Thoracisk Dack, in 1625.

Barbeline, a Dace, found out the Lymphetic Vettle, in Barbeline, a Cayle Cayle and Cayle Dace, found out the Lymphetic Vettle, in 1625. 1650, and 1651. See LYMPHATICE. Z A2 Bb

differenced the lower Salival Ducks 3 and Steno the upper Salival Ducks, those of the Palace, the Notifile, and Eyes, 1866. See Salival.—Wirtfungut, in 1642, differenced the Panercatic Ducks. See Panersalic.—Willip, who came sine him, publish's an Antonyo of the Bash, and Norves, in a manner mad more cast finds had been done before him yet be had omitted force confidently. Things, —In critical (figure treated particularly of the Liver Plastrum of the Glinds 1 Henry of the Boocs; Oranf of the Modica of the Henry Tymer, or Respiration, Flyer, of the Glinds of the Intellines 2 Henry, of the Women, the Pitterns, and the Momentones of the Potents, See Lavius, Glants, Boost, Gussnarrow, Rassinavious, See Lavius, Glants, Boost, Gussnarrow, Rassinavious, Modifylli, who dells in 1544, it one of these two came after him, publish'd an Anatomy of the Brain, and

Malogbi, who died in 1694, is one of those to when Anatomy owes the most: He made a great Number of Di coveries in the Lungs, Brain, Liver, Spicen, Glands, and Lymphaticks, by help of the Microfcope, &c. Nor must it be omitted that Ray/cb, ftill living, has let great Light into many of the finer and more intricate Parts of the human Frame, particularly the Glands; by means of his Injections.

Frame, particularly the Glands, by means of his Injections. See Microscope, and Its parties.

Manges, and Le Clere, two Physicians of Geneva, have given us a Bibliothees Anatomics; containing all the new Discoveries that have been made in this Art.

Ditoveres that have been made in this Art.

The best Squares of the Art, as in owe flinds, are those
of strongers, Direct Scale, Sec.
Art. Square, Scale, Scale, Scale, Scale, Scale, Scale,
Bankers, Bark, Piris, Wood, Lara, Frowers, Stein,
Stein-Sec allo Videration, Sc.
The Word comes from the Greek energy, Scilion, or
Cattling, of descripts, differ.

ANA TRON, or Narnos, a kind of native Salt-pette,
ANA TRON, or Narnos, a kind of native Salt-pette,
ANA TRON, or Narnos, a kind of native Salt-pette,

Nitre, found in Egypt. See NATRON, and NITRE. ANATRON, is also a volatile Salt, fkimm'd from the Com

ANATRON, is allo a volatile Sait, fiximm'd from the Com-position of Class, when in fullon. See Ge.as. shich being diffol'd in the Air, or in a proper Liquor, becomes com-mon Sait, after Cosgolation. Matron is likewise the Name of a nitrous Julce, which condends in Vaults, Arches, and other fabberraneous Places.

Sec STALACTITES.

Anaron is alfoused by some Writers for a compound Salt, made of Quicklime, Alam, Vittiol, common Salt, and See SALT.

Nitte. See SAV.,

ANDURA: a bind of Wen, or fpoor, Wart, growing

ANDURA: a bind of Wen, or fpoor, Wart, growing

ANDURA: a bind of Wen, or fpoor, who whom a

Perfor in defendable. See Processives.

The Word is derived from the Latin descript, wreee, by

The Law distinguishes between descript and Prodeceding

the former being applied to a Nassari Perfon, as fush an

Carponete, as a Hilling, and his Predecing, while the

ANDURARY, in Law—Hanney Ancessavi, figuides

ANDURARY, and does or preformed by one's Amelian

The Carponetes of the Carponetes

See Homage. tors.

sense ; nur onery and contervation of the Veffel depending principally thereon.—Great Care is to be taken, that the Mo-tal it is made of, be neither too foft, nor too brittle; the latter rendering it liable to break, and the former to straiten. See Inox.

See Inco.

Travellers tell us of People in the Indies who make use of wooden Anchors in their Navigation.—The Inhabitants of the Illand of Gesten, in lice of Anchors, use buge cound Stones 3 and in some Places, the Anchors are a kind of Machines of Wood, leaden with Stones, The Word comes from the Latin Ancors, of the Greek

The Weel come from the Ladin Javora, of the Grozksynes, which come from Spans, incurrent, coxbool.

The Farre of an Javora, reason, and the Contraction of the Control of the Control

The Farre of an Javora are, the The Ring, into which

the longed Farr of the Androy z, Yi Pa, Jorn, which is

that which rum down into the Ground at at the End of

which is, a, "The Proble, on Total, by from called the

the Spans, and the Control

Spans, a piece of Wood fished unto the Bern, near the

Anton-bead, which faithes into the Bern, near the

Koder, the Ground of Andron of the Control

Koder, the Ground, and the Stream-Jacker; which per

Read the The Control of India.

AN N. C.

Ablin, in his Dictionary of Sea-Affilier, printed at the

Ablin, in his Dictionary of Sea-Affilier, printed at the

Ablin in 1970, observed, that the Andrive of a large heavy

lighter one. The Kendon leg frees, it, has the the Sea nee

plays an equal Force against small Vedici as against a great

one, supprints the Extens of Wood upon which the Waste

one, supprints the Extens of Wood upon which the United

the players of the Best of the Sea of the Sea of the

ten players of the Best of the Sea of the Sea of the

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Anceso, in Architecture and Sealpure, an Ornamera in

Sea of the Sea of the Sea of the Sea of the Sea of the

Anceso, in Architecture and Sealpure, an Ornamera in

Franchist, Sea of the Se

ANCHIOARGE, in Hendus Could be regulated with the Anche Could be regulated with the could be recorded by the recorded by th

ACHORET, Ascensive, or Assensers, a Her-mil, or devoar Perfon, living alone in form Delier; to be fu-mined to the reach of the Temperations of the World, and more at leifure for Medication. See Heamin. Such were St. Anthony, St. Hilarien, Sc. Paul the Remit was the first of the Tithe of Authorites.—The World comes from the Greek Assepties, I rettire into a 23y-

place. These People are very numerous among the Greeks;

Inter reople are very numerous among the Greeks; con-fiding principally of Monks, who not earing for the Fa-tipues and Olifices of the Monaftery, purchafe a little Spot of Ground, with a Cell, whither they retreat, and never appear in the Monaftery again, excepting on foleran Days. See Monks. These are also called Assets and Solitaries. See Ascara.

and SOLITARY.

and SOLYTAN.

The Antorites in Spris and Polofilius retire into the moti obcure, and unfrequented Places; biding themselves under Rocks, and Monrains, and living on the frontaneous Productions of the Earth.—The Antorites in America, are looked upon there, as by far the most perifed for of Monlas, and are held in much higher Opinion and Veneration than the Corpolitor, or Monlas refuling in Monutheries. See Constitution of the Corpolitor, or Monlas refuling in Monutheries. See Constitution of the Corpolitor, or Monlas refuling in Monutheries.

Mony of these retire, with the seave of their Abbots, and have an Allowance from the Monastery.—The People, in regard of their Piery, present them with good Sums of Money, which they carefully board up, and at their Death, bequest his to the Menastery they had belong'd to.

quest his to the Menaffery they had belong d to.

ANCHOVY, in Matters of Commerce, & la little
Sea Filh, much used by way of Sauce, or Seafoning.

Scaliger describes it as of the Herring-kind, about the
Length of a Finger, having a pointed Snoat, a wide Mouth,
no Teeth, but Gunts sa rough as a Saw.—Others make it a
fort of Fishera's Eut others, with better Reason, hold its. peculiar Species, very different from either. See Fish.

The Anchovy is caught in the Months of May, June, and July, on the Coats of Catalonia, Provence, Sec. at which

July, on the Coalts of Catalonia, Provence, &c. at which Sealon, it contantly repairs up the Statist of Gibratter, into the Mediterranceso.

The Filling is chiefly in the Night-time; when, a Light being put out on the Stern of their little Filling, Veffels, the Anchowits flock round, and are caught in the Nets. See Fissistics.

FISHING.

Figures.
When the Fifthery is over, they cut off the Heads, take our the Gust y then Jay Forn in Barrels and falt tem.—The Vinegar, Efc. in order to which, they are fifth board, and the Tails, Fins, tfc. flippd off. They are made into State by mincing, adding to 'ma Catteet of Veal or Ham, with Fepper, ffc. over the Fire.
The Worl is derived from the Spanish Anchors, or ta-The Worl is derived from the Spanish Anchors, or ta-

The Word is derived from the Spanish Anchors, or ra-ther from the Italian, Anchoris.

ANCHYLOPS, in Medicine, a Species, or rather Degree of Fishula Lachrymalis; frequently confounded with Egi-logs, &c. Sec Fishula, and Editors.

lops, &c. lops, &c. See FISTULA, and IDDITIONS.
ANCIENT. See ANTIENT.
ANCO, or ARCON, the Tip of the Elbow; or the backward and larger Froces of the Cabitus. See Cussivs.
The

The Ancon is the fame with what the Gracks call Ole The Briss is no same with what the Greeks call Olecta-mum. See OLECANUM. And hence, ANCONEUS Mujeulus, in Anatomy, the fixth Mafele of the Elbow; to called, as being fituate behind the Folds of the Ancon or Elbow.

on the Arren or Ribow.

It arises from the back part of the Extremities of the Humerus, paffes over the Ethow, and is inferred into the lateral and internal Part of the Cabitus; about three or fixer Fingers Breadth above the Olersmum—lts afe is outlift

Fingers Results above the Olocassuum—les afe is to affilt in extending the Arm.

ANCONES, in Architecture, are the Centers or Coins of Walls, Coof Bestma, or Raffers. See Corst, 85°.

ANCONE, in the Iron Mines, a Bloom wrought into the Figure of a flat Iron Bar, about three Foot long, with two figurant rough Knobs, one at each End. See Irons, and

ANCREE, in Heraldry, the fame with anchored. See

ANCHONAND.

ANCYLE, or ANCHEA, in Antiquity, a little Buckler, which fell, as 'ds faid, from Heaven, upon Nums Pennisting at the fame time thar a Voice was heard, which declared that Rome fhould be Mittress of the World, while he prefer'ed that Backler. See Buckley.

The Ancyle was, as it were, the Palladium of Rome. See Palladium of Rome.

See Palladyum.

Different Authors give different Etymologies of this
Word.—Some derive it from the Greek ayathar, crasked:
Varro derives it ab Analist; as being out or arch'd on the
two Sides, like the Bucklers of the Toracians, called Petra.

vas Sidos, like the Bucklein of the Zironians, called Peine. Plantare Minish the Word may be derived from the Grook Plantare thinks the Word may be derived from the Grook Bat the Opinion of Farre is the must probable. The other was been one Angele that Coll from Heaven yet were there twelve peckervil : Nama, by the Advice, as it was the word of the Arman of the Arman

ones.

Thele Aneglis were preferred in the Temple of Mars 3
and were committed to the Care of twelve Friells or Salis.

They were carried every Year, in the Month of Mareb,
in procettion around Rome; and the 30th Day of that
Month, were again depotted in their Place.

Ascrum, is also fised in Annony, for the Contraction of

the Ham the Ham.

ANCILOGIOSSIS, oransparely, one that I TongeANCILOGIOSSIS, oransparely, one that I Tongeryd, or has an impediment, in his dyecut, stilling from a ryd, or has an impediment, in his dyecut, see Towerst.

ANCIRODISS, is uted by fome Writter in Anstorn, for the Proceic or Incoming forth of the Shoulder-bone, in form of a Beak. So COMPLIAN.

The William of See Compliant, or of Gladinors, who fought hood with M. See GLATANOR.

They were called Authorities, qualif designal, glouplers, because they fought on Herichock, or cut of Charlos.

ANDRING — Anglier of S. Amenav, or the Thillia.

ANDRING — Anglier of S. Amenav, or the Thillia.

See Trustin Sec Tristers.

Anneau's Croft, is a Badge were in the Hat, by the People of Sectional, on the Day of the Feath of that Saint. It conflish of blue and white Ribband, diffined into a Croft, or Saltier; and is intended as a Commemoration of the Crucification of St. Andrew, the tutchary Saint of Sectional. Sec Crosss, and Saltiers.

Mond. Sec Caoss, and SAUTER. VER.
ANDROGYNE, or Annon-vers, an Hermschreifer;
ANDROGYNE, or Annon-vers, an Hermschreifer;
ANDROGYNE, or Annon-vers, and Femnic in
the fam. Ferfon. Sec HERMAFIR. OPP. T.
Many of the Rabbins are of opinion, that Adea was
created Androgynus; that he was Male on one Side, and
Female on the other; and that he had even two Bedies,
the one of a Man, and the other of a Woman is that God,
to create EN, only leparated there was from each other.

See Sex. Plans cells au, that in the Beginning People were born double, and with both Sexes just that this Duplicity of Momelers, giving them too much fereign and Vigout, relevant to the property of the People with the People of the People Sec SEV

ANDROIDES, an Automaton, in figure of a Man 3 MADROIDES, and Automaton, in figure of a Man 3 Walts, Speaks, &c. See Auromatous. Walts, Speaks, &c. See Auromatous. Marine Magontis, is recorded as having made an Androided in compounded of the Greek with, about, the and 20 medium compounded of the Greek with, about, Man, and also, form.

ANDROLEPSY, ANDROLEPSIA, in Antiquity.—If an Abbenian were kill'd by a Citizen of some other Place; and such City reblied to desiver up the Criminal to Panishments it was held lawful to take three Inhabitants of such City. If was need lawren to take three Inhanceans of their copy, and panish the Homicide in them.—This the Greeks called Androlopsia, and the Romans Clarigatio. See CLARIGATIO. Some Authors also use Androlopsia for Reprivats. See REPRIZAL

KEFRI PAL.
The Word is form'd of sin's, Man, and Daussine, capic, I take.
ANDROMACHI Therises, or Treaste of Androosa-trus, in Phamacy, is a capital Alexipharmic Competition; called also Venice Treacts. See Therizea, and Arma-

ANDROTOMY, ANDRATOMY, the Anatomy or Dif-fection of human Bedies. See Dissection. It is thus called in opposition to Zootomy, which denotes that of Brutes. See Zootomy.

that of Bretts. Sec Zoorouxr.
Anatomy is the Genas, and comprehends all Difficitions in general, whether of Men, Bealts, or Plants; and Zingen, which we can be comprehended by the comprehending the comprehendin

the Masoer and Conduct of Perions in Authority, to have of being made publick.

Herein they finituse Proceptus, who gives this Title to a Book which be publish a gainst Inflitutes and the Wife Theodors; and Scens to be the only Perion among the Antiens, who has represented Princes, India as they are in their domestick Relation—Farillas has published Ancadates of the House of Medici.

Hoole of Medels:
The Title Anacdotes is also given to such Works of
the Antoints as have not yet been published.—In this Sense,
M. Minstary i gives the Name Ancestos Gress; no several
Writings of the Greek Exthers, found in the Libraries, and
dirty published by him.—E. Marceton has given a Teleplarmy
The Wood in Greek and Greek, and the Sense and Sense
Libraries back Greek.

The Word is Greek arms up. 10. A ring) on the con-or bitherto kept facret.

ANEMIUS Furnus, among Chymith, a Wind-Furnace 2 acd to make facre Fires for melting, Uc. See Furnace.

The Word is formed of the Greek arms, Wind.

Wind-Discours a general

The Word is form of of the Greek invas, Wind.

ANEMONE, ANEMONE, O'Wind-Plewer; a general
Name, under which Heffebius comprises all Flowers that
are of a floor Duration, and that are casily beaten down,
ruffled, and deflroy'd by the Wind. See Flower.

The Word is derived from arms, Yerns; in regard of
the Effects which the Wind has on fach Flowers.——Pliny

rather derives it hence, that the Ansmone never opens but when the Wind blows. Others fay, it was thus called from a Nymph of that Name.

ANEMOSCOPE, a Machine invented to foretel the Changes of the Wind. See Wixe.

It has been observed, that Hygroscopes made of Cats-gut,

Sc. prove very good Anemofopes; feldom failing, by the turning of the Index about, to foretel the shifting of the Wind. See Hygnoscope.

The Antengope wied by the Antents, feems, by Vitru-visis's Dekription of it, to have been intended rather to fine which way the Wind achasily blew, than to forcel into which Quarter is would change. The Word is derivd from the Greek árques, Wind, and oxitiques,

Otto de Guerio also gave the Title Anemofope, to a Ma-chine invented by him, to foretel the Change of the Wea-

chine invented by nim, to toretet the Change of the wea-ther, as to fair and rain. See Weather.

It confitted of a little wooden Man, who role and fell in a Glair Tube, as the Atmosphere was more or lefs heavy.

—Accordingly, M. Conier's has flown, that this Anomologo-was only an Application of the common Barometer. See BAROMETER

ANEMOMETER, a Machine wherewith to measure the

AND BAUMELES, a vacanie waverewith to measure the Strength of the Wind. See Wind.

The Automometer is variously contrived. In the Philo-Robbias Translations, we have one deferibed, wherein the Wind being supposed to blow directly against a flat side, or Board which moves along the graduated Limb of a Quadrant, the Number of Degrees it advances, show the comdant; the Number of Dispress is advances, flower the com-parative force of the Wind.—Wilding press the Suthan- of parative force of the Wind.—Wilding press the Suthan- of Wind.Mill; which ratio a Weight, that, fittle the ligher it goes, receding further from the Centre of Motios, by illding along as holice Arm fitted on to the Axis of the Julis, be-long as holice Arm fitted on to the Axis of the Julis, with the Arm, till being a Counterpolie to the Force of the Wind on the Salls, it flops the Motion thereof. An Index, then, fixed upon the time Axis at right beginning with the then, intent upon the fame Axis at right angles with the Arm, by its rling or falling points out the Strength of the Wind, on a Plane divided, like a Dual-plate, into Degrees. See its Figure, Place Praymartos. The Word is compounded of the Greek arms, Winds and where. Machine.

and wirer. Measure.

ANEURISM, AMERICANA, in Medicine, a foft yield-ing Temor, form d of Blood extravafaced and forcad under the Flesh, by the Rupture or Dilatation of an Artery. See ARTERY, and TUMOR.

Assertions usually proceed from an Artery being accidentally cut, or prick'd in bleeding; or from some precentural Difference, or a Corresion of its Coats, &c. See Phile-

If an Artery happen to be cat, the Blood guffies out im-persoully, by flaras; and is not easily flopfd: an Inflam-mation and Diffoliuration of the Part fucceeds, with a Tu-mor, and Inability to move the Part. The Symptoms are nearly the fame in eafe of a Corrofton of the Coats of the Artery, only lefs violent. See WOUND.

If the Blood ceafe to flow from the wounded Artery, and

pour it felf between the Interffices of the Mufcles; recourse is had to manual Operation; which being neg-lected, the Excirpation of the Limb frequently becomes unavoidable.—An Aucurism from a Difference of the Canal, is feldom fatal; the recken'd, when large, incurable: The chief Inconveniencies are the Magnitude of the Tamor, and

the Pulfation. See HEMORBHAGE.

the Pollation. See Heavarantor.

M.Litter gives as the fillings of a Meavifing of this kind, in the Acras; the Casole whereof he attributes ro an extraordinary Dimination of the Cavity of the Asillary and Sabelavian Arteries, Hill. de P.Acod. R. An. 1712.—Another Hilling of an Americanian of the fame Part, we have in the Philipphical Translations. It was occasioned by four violent Shocks the Partner recivit of one Breath, which threw him into fpitting of Blood, and foon after form'd the Tumor, whereof he dy'd. Upon Diffection, the Aneu-rishus was found to big, that it filled the whole Cavity of

rifina was found to big, that it flicts the whose Cavity on the Thorix on the right field. N° 261,

The Word comes from the Greek drowins, dilate, I dilate, ANGARIA, a Term in Law, figalifying any troubleform, or vexations Dary or Service, paid by the Tenant to the Lord.—The Word is form'd of the French Angaree, Perfonal Cavity, and the Cavity of the Service; that which a Man is bound to perform in his own Person.—Prestationes Angariarum & Periangariarum plaureson.—Preflations: Amgararamit Feriangarierum planifrrum & switzen, imperfing of Ships. See Sarvica, Ed.
ANGRIOGRAPHI, a Ibletrintion of the Weights, Measure, Veffel, Ed. ack do by the feveral Nations. See Marasure, Weights, Measure, Veffel, Ed. ack do by the feveral Nations. See Marasure, Weights, Vesself, Ed.
The Word is compounded of a yalter, Fast, Veffel, and

feribo, I deferibe.

ANGEIOLOGY, ANGERGOGIA, in Anstomy, the Hif-tory, or Description of the Vessels in a human Body ; e.g. the Nerves, Arteries, Veins, and Lymphaticks. See VES-

Angeiology is a Branch of Sarcology. See Sancology. The Word feems to be derived from a'zfiin, a Veffel, and

The Word form the de new control of the Word form to be developed for the Service of the Word form & Julius & Friffit, and April, Service, or Digment;

ANGRIA, a fairitual, intelligent Subdiance a the first in Rank and Digment young created being. See Service, the Control of the Word form of th

a Name, fays Tertullian, de Carne Chrifti, C. IV. which fipeaks his Office, not his Nature.—So the Hebrew Word used in Scripture, for Angel, is also a Name of Office, and not of Nature 1873. Legatus, q. d. Legate, Envoy, Minister: and yet Cafford has prevailed; informet hat Angel is now commonly taken for a Denomination of Nature.

amy ext. autom thas prevented, intermedy that chope'd is now Table State of the Control of the C

per ready in his Mouth to proclaim the Day of Judgment. See ALCORAN, MAINGMETHANIAN, SE.

The Heathen Philosophers and Poets, were also agreed as to the Existence of intelligent Eclings, lisperior to Mina; as is flewn by St. Cyprian, in his Treatile of the Vanity of Idols, from the Tellimonies of Philos, Secretary, Triplaggi-tim, Sec. See Pearworston, UE-See also Damons, Gr., See. See Pearworston, UE-See also Damons, Gr.

NIUS, &c.

Some Christian Writers, after Lastantius, Institut. Lib. 1. c. xv. slledge the Energument, and the Operations of Ma-gick, as convincing Proofs thereof. St. Thomas produce other Confiderations, in behalf of the Opinion, Lib. II. contra gentet, c. xlvi.

tra gentet, c. xiv.

Authors are not fo unanimous about the Nature as the Ruif.

tence of Angeli.—Clemens Alexandrium believed they had Bodiac; which was also the Opinion of Origin, Cafarini, Treat,

lian, and leveral others, Albanafins, St. Bafil, St. Gragory Ni.

cen. St. Cyril, St. Chryfifton, &c. hold com mere Spirits.

Excitalited Witters make an Hierarchy of into Orders of

See HIERARCHY. ANGEL is more particularly understood of a Spirit of the ninth and lowest Class, or Order of the Hierarchy, or Hea-

venly Choir. See HIERARCHY. The Scripture makes mention of the Devil and his An-

The Scripture makes mention of the Devil and his Absection—We also day, the Fallen Angelt, Gardian Angelt, &c. Sec GWARDIAN, DEMON, GENIES, Ec. In the Apocalypic, the Denomination Angel is sall given to the Pathers of feveral Churches—The Angel of the Church of Epoplay the Angel of the Church of Epoplay the Angel of the Church of Shayrna, &c. Du Cange adds, that the Lame Name was antiently given o certain Popes and Bifhops; by reason of their singular Sanctiev, Efe

SAMATY. Is also used in Commerce, for an antices Cold.
Coni fired: In Egyptend, for clastle from the Figure of an Abget impreed upon it. See Carse.
In Value in r Hen, VI, was 6,5 8d, in r Hen, VIII, 1,6
d. 10 54, Hen, VIII, 21, and in 6 Eden, VIII, 1,1 was 10,And the helf Agele, or, as it was formedirent called, the
Syster, was the Moiety of this.
The Agel was theful for the VIII and the Agel
The Agel was the filter of the Control of the Control
The Agel was the filter on the Control
The Agel was the filter of the Control
The Agel was the filter of the Control
Th

Account. See Monny, The French have also had their Angels, Demi-Angels,

The French have also had their Angels, Demissages, and Angeles; now disinfed.

AN GELLIC, or house training belonging to a Nanogard training belonging to a first product of the Angeles Line, and Angeles Line, the Sections is layed the Angeles and Designet. The Angeles Bustadon is called byte Remandist Position—The Angeles Bustadon is called byte Remandist Angeles and the Angeles and Ange

the Great or Angelical Habit,

the Great or ANGELICA, called also ARCHANGELICA, and Radin ANGELICA, called also ARCHANGELICA, and Radin Striaca, a medicinal Plant, thus named, on account of its great Virtue as an Alexipharmic or Counterpolfon. See A-LEXIPHARMIC.

LEXIFIRAMIC.
It is of a freet Smell, and aromatick Tafte; and is loaded with a highly exalted Oil, and volatile Salt,—It is repared cordial, financhick, exphisite, aperitive, floorifick, vulnerary, refifts Polfon, &c. the the chief Intention wherein it is now prefettled among us, is, as a Carminative, Its Root is in the most editors; the the Leaves are also

ANGELICA-Water, is one of the compound Waters of the Shops; thus called from the Angelica Roots, which are the Balis thereof. See Angelica-Water.

ANOZIJCA, Afpelan, was allo a celebrated Dance, among the antient Greeks, performed at their Fesits. See Dance, It was thus called, from the Greek Afplane, Nuntius, Me-fenger; by reason, as Pollits assures us, the Dancers were decigid in the Habit of Medingers.

Angelica Veftis, among our Ancestors, was a Monkish Garment, which Laymon put on a little before their Death, that they might have the Benefit of the Prayers of the

It was from them called Angelical, because they were called Angeli, who by thefe Prayers anime faturi fuccurrebant.

—Hence, where we read the Phrase of fuccurrendum in our old Books, it must be understood of one who had put on the Habit, and was at the Point of Death.

ANGELICI, were an antient Order of Knights, inflitte

ANDERIUM, were an anoten Order of Knights, initiate din 1191, by Ifacius Amgular Envisa Communits, Empeor of Conflantinople. See KN1611, and OADER.
They were divided into three Ceffets 1st tweer all under the Direction of one Grand Matter.—The first, were called Toyagast, from a Collar which they wore, and were 50 is number.—The fectoud were called the Knights of Julius and were Eccled Rhights and were Eccled Knights.—And the third were called Knights and were Eccled Knights. Seenitore.

Servators.

"Authinian will have this Order to have been infiltrated in
the Year 313, by Conflantine; and fuppoles the Occasion
thereof to have been the Appearance of an Angel or hat
Emperor, with the Sign of a Cross and these Words, In has
figure visions: But, that there was such a thing as any Multary Order in these Days, is a mere Fable. See Maternace

O'Aer.

Anostici were also a Seft of antient Hereticks.—St.

Angulin supposes 'em thus call'd from their yielding an exteavagant Warthip to Angulis, and fuch as tended to Iddatry: Tho Epiphanias derives the Name from their holdingthat the World was created by Anguli.

ANGERONALIA, in Antiquity, foleron Peafts, I by the Remans, on the 11 er, in honour of Augerena, or Angerenia, the Goddess of Patience and Silens

Sco FEAST

Figure and Julius Modeflus, quoted by Macrobius, Se-ture, 1. t. c. to. derive the Name from Augina, Squinaury; and Suppose the Goddels to have been thus denominated, and fupput the Goldelt to have been thus detormined, by realon for perioded over that Diffusion— Others fupported by the period for perioded over that Diffusion— Other fupported by the periode of the p

and Larynx. See Larynx, &c.

The Word is formed from the Greek afgen, firangulare to firangle, fufficate. If any Symptoms appear on the outlide of the Throat, the Angina is faid to be external; if none appear, internal.——It is fometimes supposed to be epidemical.

BAC.

The Mediare of an Angle, whereby its Quantity is exprefied, is an Arch, DE, deferibed from its Vertex A,
with any Radius at pleafure, between its Logs, AC and

Sec Arcu, Hence Angles are diffinguished by the Ratio of the Arches which they thus subread, to the Circumference of the whole Circle. See Circle and Circumference. And thus, an Angle is faid to be of fo many Degrees, as are

And thus, an Anger is laud to be of to many Degrees, as are the Degrees of the Arch DE. See Dran R. Hence alfo, fince finiliar Arcies, AB and DE, fig. 87. Hence alfo, fince finiliar Arcies, AB and DE, fig. 87. have the fame Ratio to their reflective Circumferences on the fine Number of Degrees; the Arches AB, and DE, which are the Meafures of the two Angels ACB, and ADE, are equal; and therefore the Anglet themselves are to so——Hence, and therefore the Angles thomselves are to too.—Ifence, applies as the Quantity of an Angle is climated by the Ra-tio of the Arch, fabrended by it, to the Periphery is does not matter what Radius that Arch is described with the Arch of the Arch of the Arch of the Arch of the capual Archo or finitive ones, and controlly. It follows, therefore, that the Quantity of the Angle-romize fill the finite, the Orthogonal or described and controlled and the Arch of the Arch of the Arch of the controlled and the Arch of the Arch of the Arch of the guere, the Henologous or Correlpoiding Angles are also equal. See Structura, Previa, & C.

To measure, or find the Quantity of an Anous

It is employer, for that the Signaturity of an Autor.

Y. On Prayer—Apply the Course of a Protractor in the Venero of the Apple Us (Tab Surveyros, 68, 20, 56 as in the Arthy, by the Other Leg of the Apple, will give the Apple required. See Paura acros. — To do the time with a Line of Closch, & Colonov. The Apple of the Apple required. See Paura acros. — To do the time with a Line of Closch, & Colonov. The Apple of the Leg ; and the latter, by letting fall a Plummet from the Centre of the Inflrument——Then, the moveable index

centre of the naturalism.—Then, the moveable Index HI being turn'd this way and that, till thro' its lights, you differer a Mark placed at the extreme of the other Leg of the Angle: The Degree it cuts in the Limb of the Infru-ment, these the Quantity of the Angle. See Sami-CIRCLE. To take an Angle with a Quadeant, Theodolite, plain Table, Circumferenter, Campaff, &c. fee Quadrant, Tur-odulite, Plain Table, Circumferentor, Com-

FASS, UC.

No play or lay down any given Angle 5, i.e. the Quantity of the Angle being given, to deferibe it on Paper, fee Provinsia and Papera, et al. (1), i.e., the biffel a given Angle, 28 HIK, fig. 52, from the Centre L, with any Radius at pleasure, deferibe an Arch

L.M. From L and M, with an Aperture greater than L.M. firike two Arches, mutually interfecting each other in N. Then, drawing the right Line I.N, we have HIN = NIK.

To triffelt an Angle, for TRISSERT

ANGLES are of various Kinds, and Denominations.

With regard to the Form of their Legs, they are divided into Recfilinear, Curvilinear, and Mix'd. Redllinear, or right-lined Anone, is that whole Legs are both right Lines; as ABC (Tab. Gromerry, fig. 91.) Sec RECTILINEAR.

Sec R-CYLLISIAN.

GROWNIGHT AND IN that whole legs are both of Grownight and American and Convention and Convention and Convention and American and Convention and American and Convention and Convention

PERFENDICULAR, U.S.

The Measure of a right Angle, therefore, is a Quadrant of a Circle; and consequently all right Angles are equal to each other. See Quadrant.

Acute Anore is that which is less than a right Angle, or

than 900 as A E C, fig. 86. See Acure-

than 50°——as A EC, ing. 8c. See Acurr.

Obing Anoca, is that greater than a right Angle, or
whole Meafure exceeds 90°——as A ED See Orver.

Oblique Anoca, is a common Name both for Acute
and Obtwite Angles. See Ortique.

With regard to their Situation in refpect of each
other, Anocas are divided into Contiguous, Affaceas, For-

cal, Alternate, and Opposite. Contiguous Anouns, are such as have the same Vertex

and one Log common to both—Such are FG H, and HG1, fig. 92. See Convincious.

Adjacent Anous, is that made by producing one of the Logo of another Angle—Such is the Angle AE, G, 8. 86. made by producing a Log BD, of the Angle AED, to C.

See ADJACENT.

See An Jackswi.

Two adjacent deglets, a and y 1 or any other Number
Two adjacent deglets, a and y 1 or any other Number
Two adjacent deglets are not as a deglet seed to the control of t

gle required. Again, all the Angles x,y,o,E, &c. made a round a given Point E, are equal to four right ones; and therefore all

make 360° Vertical August, are those whose Legs are Continua tions of each other-

-Such are the Angles o and x, fig. 86. SCC VERTICAL. Sec Vertical.

If a right Line A B, cut another, C D, in E, the vertical diright s and 6, as allo 9, and E, are equal.—And
hence, if it be required to mediure in a Field, or any
other Place, an inacceffible diright, x; and the other vertical diright, a, be acceffible: This latter may be taken in
lica of the former. Sec Serveyino.

Alternate Angles. Sec Alternate.—Such are e Angles x and y 3 fig. 36.
The alternate Angles y and x, are equal. See Orro-

SITE Angles.

STE Angles.

Opposite Angles. See Opposite.—Such are n and y, and allo a and y.

External Angles, are the Angles of any right-lined Figure made without it, by predecing all the Sides leve-

All the external Angles of any Figure taken together, are equal to four right Angles: And the external Angle of a Triangle is equal to both the internal and opposite ones, as

is demonstrated by Euclid, Lib. 1. Prop. 52.

Internal Augusts, are the Angles made by the Sides of

INVESTMENT AMOUNTS, are the Angles made by the Sides of any night-lined Figure within.

The Sum of all the interval Angles of any right-lined Figure, is equal to twice as many right Angles as the Figure hath Sides, excepting four. This is easily demonstrated from Entile, Prop. 12. Lib. I.

The external Angle is demonstrated to be equal to the internal control of the Angle is demonstrated to be equal to the internal control of the way internal confidences.

internal opposite one ; and the two internal opposite ones, are equal to two right ones.

Homologous Anoles, are fuch Angles in two Figures, as retain the fame Order from the first, in both Figures. See FIGURE.

Anole at the Periphery, is an Angle whole Vertex and Legs do all terminate in the Periphery of a Citcle— Such is the Angle E F G, fig. 91. See Periphery. Angle in the Sec Menny, is the fame with that at the Periphery. See SEGMENT.

It is demonstrated by Euclid, that all the Angles in the fame Segment are equal to one another; that is, any Angle EHG, is equal to any Angle EFG in the fame Segment EFG.

organist BFG.

The Angle at the Periphery, or in the Segment, is comprehended between two Chords AB and BD, and flands on the Arch AB. See Grown, ℰc.

The Mediter of an Angle without the Periphery G, (fig. 96.) is the Difference between half the Concave Arch LM, the Chord Arch AB.

whereon it flands, and haif the Convex Arch, NO, inter cepted between its Legs.

copied between its Logs.

Some arther, is an Angle in a Segment of a Circle, whele Bale is a Dameter thereof. Soe Seaman, it is demonstrated by Entils, that the Angle in a Semi-circle is a right one; in a Segment grant, as led to the service, is led that property of the semi-circle in Segment for the Semi-circle is a right one; in a Segment grant, as Segment left.

Since an Angle in a Semi-circle stands on a Semi-circle, is the Medicar in a Quadrant of a Circle; and therefore, the Semi-circle stands on a Semi-circle.

its Meafure is a Quadrant of a Circle; and therefore is a

right Angle

right right. Another at the Centre, is an Angle whose Vertex is in the Centre of a Circle, and its Legs terminated in the Periphery thereof.—Such is the Angle CAB. See Central.

The Angle at the Centre is comprehended between two Radli, and its Measure is the Arch BC. See Radius,

Findia demensirates that the Angle at the Centre, BAC,
is double of the Angle BDC, standing on the same Arch
BC.—And hence, half of the Arch AD, is the Mea-

fure of the Angle at the Periphery.

Hence alfo, two or more Angle HLl, and HMI (fig. 97.)

flouding on the fame Arch HI, or on equal Arches, are

equal.

ANDLE without the Centre, HIK, is that whole Vertex

K is not in the Centre, but its Legs HK and IK are
terminated in the Perlphery.

The Mesfier of an Angle without the Centre, is half of
the Arches HI and LM, whereon it and its Vertical K do

And Angle Without the Centre of the Arches HI and LM, whereon it and its Vertical K do

Anotas of Gentall, is that made by the Arch of a Circle and a Taugent in the Point of Contide.——Such is the couple HLM, (fig. 3). See Convarence of Contide.——Such is the object HLM, (fig. 3). See Convarence of years of the continue of the other Parabola's of higher kinds be deterned to the lame Axis and Verrex, whole Abdilies all par as the Ordinates DF*, DF*, DF*, yew will have a Series of Angles of Cornell going on infinitely, of which any one is infinite-by greater than that next before it. ANOLE of a Squeent, is that made by a Chord with a Tangent, in the Point of Contol.—Such is the Angle MLH.

See SEGMENT.

See Sement.
It is demonstrated by Euclid, that the Angle MLC, is equal to any Angle Mal. in the alternate Segment Mal.

For the Highest, Properties, Relations, See, of Angles, events constituted into Triangles, Quadrangles, and polygomous Figures, the Triangles, Quadrangles, and polygomous Figures, the Triangles, Quadrangles, Seyare, Parallelogard, Polygon, Flower, Ge.

Anones are again divided into Plane, Spherical, and Plane ANGLES are those we have hitherto been speak-ing of; which are defined by the Inclination of two Lines

See Plane. a Plane, meeting in a Point. See PLANE.

Spherical Angle is the Inclination of the Planes of two opherical America the Inclination of the Planes of two great Unices of the Sphere. See Circus and Sphere. The Meafare of a Spherical Angle, is the Arch of a great Circle at right Angles to the Planes of the great Circles forming the Angle, intercepted between them. For the Properties of Spherical Angles, fee Spherical

Solid ANOLE is the mutual Inclination of more than two

Planes, or plane Angles, meeting in a Point, and not con-tain'd in the fame Plane. For the Meafure, Properties, &c. of folid Angles, fee

SOLID Augle.
We also meet with other less usual forts of Angles among fome Geometricians; as,
Horma Angle. Angulus Cornatus, that made by a right

Line, whether a Tangent or Secant, with the Periphery of

Linuster Angle, Angulas Linusteris, is that form'd by the Interfection of two Curve Lines; the one Concave, and the other Convex. See Lunz.

Ciffoid ANGLE, Angulus Ciffoides, is the inner Angle, made by two Spherical Convex Lines interfecting each other Siftroid ANGLE, Angules Siftroides, is that in Figure of

Sillrum. Sec SISTEUM.

Pelecoid Angle, Angulus Pelecoides, is that in figure of a Hatchet. See Pelecoides. Angle, in Trigonometry. See Triangle and Tay. NOMETRY.

AR. and the horisontal Line AB. See ELEVATION and

PROJECTILE Padjactile.

Andle of Incidence, it that made by the Line of Di-rection of an impinging Body, in the Point of Contact— Sach is the Angle YDA, (fig. 54.). See Incidence of Di-rection of the residence in that made by the Line of Di-rection of the residence Body, in the Point of Contact from which it rebounds.—Such is the Angle ECF. See Re-

PLEXION.

Anote, in Opdies—Fifted or Optic Anote, is the Angle included between two Rays drawn from the two extreme points of an Object, to the Centre of the Pupil—Such is the Angle ABC, (Tab. Orrete, fig.69) comprehende between the Rays Ah, and RC. Sec Vitex Algo, Object from under the Game, or an equal Angle, appear equal. See Mich International Confession of the Confession of

Angle of the Internal, of two places, is the Angle fub-tended by two Lines directed from the Eye to those places. ANGER of Incidence, in Catoptrics, is the lefter regionade by an incident Ray of Light, with the Plane of made by an incident Ray of Light, with the Plane of a Speculum p. of the Speculum be concave or convex, with a Tangent in the point of Incidence—Such is the August ABD (fig. 22). See Ray and Minanows.

Every incident Ray, AB, makes two Anglet, the our cauch, ABD, the other obstick, ABE; the formerimes both right—The letter of fach Anglet is the Anglet of Incidence. See Insertance.

dence. See INCIDENCE.

Anoles of Fundance, in Dioperics, is the Angle ABI, (fig. 56.) made by an incident Ray, AB, with a Lens of other refracting Surface, HI. See Laws, &C.

Anoles of Tuellination, is the Angle ABID, contained between an incident Ray, AB, and the Axis of Incidence,

between an incident Kay, An, and the Ans of incidence, DB. Soc Avis, 56.

Another of Reflection, 7 in Catophics. See Reflect-Reflected Another incidence, 7 in Diophics. See Reveau-Reflected Another 7 ion. ANGLE, in Aftronomy --- ANGLE of Commutation. Sec

COMMUTATION.
ANGLE of Elongation, or, Angle at the Earth. See CONDATION

SCONDATION.

Peralladiie Angle. See Parallacette Angle.

Angle at the Sum, or the Inchination, is the Angle RSP,
Tab. Astronomy, fig. 32) under which the Diffance of
Planet P, from the Ecliptic PR, is feen from the San. See INCLINATION.

Angle of the East. See Non Agesimal.

Angle of Obliquity, of the Ecliptic. See Obliquity and ECLIPTIC

and Ectivities. Editative of the Asia of the Earls, at Jacobs of the Electric States, and examine calcula-tion of the Electric States, and examine calcula-tor, the fame in all points of the Earls's annual Critic By meaner of this licentizate, finch bushistens of the Earls as live beyond 4.4° of Latitude, have more of the Sari-Heat, naining all the Teuer round; and those who live with the most of the Company of the Company of the Sari-Heat, and the Equinocitial. See Harr, 65. Anatz of Longitudes, is the edge which the Critic of a Start I Longitude makes with the Mendian, at the Pois of the Edgine. See Longar revue.

of the Ecliptic. Sec LONGITUDE.
ANGLE of Fight Affection, is the Angle which the Circle of a Surf a right Affection makes with the Meridian at the Pole of the World. See Rivary Affection.
ANGLE, in Navigation—ANGLE of the Remain, or Long-drawle Angle. See Rivary and Long-drawle Angle.
ANGLES, in Forefaction, are underthood of their femmes by the feveral Lines and in Portifying. See Pourties

by the leveral lands stead in Portunying. See Following Cartion, Fortierning, Cf. Angle of, or at the Center, is the Angle formed at the Center of the Polygon, by two Semi-diameters drawn the therefrom the two nearest Externities of the Polygon. See Portuga — Such is the Angle CKF (Tab. Fortieral).

fig.1.) ANGER

ANGLE of the Circumference, is the mixed Augle made by the Arch drawn from one Gorge to the other. See GORGE.

ANGLE of the Counterfearp, is that made by the two Sides of the Counterfearp, meeting before the middle of the Curtain. See COUNTERSCARE. Angre of the Curtain, or of the Flank, is that made by, contain d between, the Curtain and the Flank; fuch is the Angle BAE. See CURTAIN.

ANGLE of the Complement of the Line of Defence, is the Angle arifing from the Interfection of the two Comthe Angle arising from the Interfection of the two Com-plements one with another. Soc CONTEMENT:

**Distingued Anota, is the Angle which is made by the macting of the exterior Side of the Polygon, with the Face of the Batton—Such is the Angle BCF.

or use Datton—Such is the Angle BCE.

Ancar of the Polygon, or of the exterior Figure, is the Angle PCN, formed at the Point of the Battion C, by the meeting of the two outermost Sides or Bases of the Polygon, FC and CN.

ANGLE of the Epsule, or Shoulder, is that form'd by th Flank and the Fact of the Battion--Such is the Angle

Flank and the France.

ARC. SEE FRANCE.

ANOLE of the Interior Figure, is the Angle GHM, made in H, the Center of the Baltion, by the meeting of the innerment Sides of the Figure GH and HM.

Flanking Anote converte, or Anote of the Tensille, is that made by the two refunt Lines of Defence, i.e. the Land Andrew Children when Parking and Company of the Tensille, and the Relition when prolonged. See The ALLE A.

is this mode by the two Falint Lines of Diclence, 1: 6, the run Ricco of the Bullow when prolonged. See The ALLIL. We have been prolonged. See The ALLIL. When the Bulloy Line with the Currain, ANOLE SHOWN, by Some call'd the ANOLE of the Buffield, by Some call'd the Second of the Buffield, BCS, made by the two Faces of the Buffield, BCS, and the two Faces of the Buffield, BCS, and the two faces of the Buffield, BCS, and the mode capital of the Enemy's Butteries, and that mod expedied to the Enemy's Butteries, and the two call the Pairs of the Buffield.

ANGLE of the Triangle, in Portification, is half the Angle of the Polygon.

ANGLE forming the Flank, is that conflitting of one Flank, and one Demi-gorge.

Angle forming the Face, is that composed of one Flank

ANOLE forming to the Annual Conference of the Most, and one Face.

ANOLE of the Most, is that made before the Curtain, where it is interfeded. See Moan.

Resenting, or Resentest Anole, is that whose Vertex is turned inwards, towards the Place. See Ren-

THANN'S Saillouf Angle, is that which advances its Point to-wards the Field. See Saillany. Angle, Angle, all of the Iteratile, or the outcoard flanking Angle, called also the Angle of the Mant, or the data Angle, is made by the two Lines fichant in the Pacce of the two Bif-tions, extended till they meet in an Angle towards the Certain—This always carries in Point in owards the Work.

Work.

ANGLE of a Wall, in Architecture, is the Point, or Cornet, where the two Sides or Faces of a Wall meet. See Wall, Cons., Ed. ANGLES of a Batralion, in the Military Art, are the Solders where the Ranks and Files terminate. See Batta

The rights of a Battaliea are faid to be blunted, when the Soldiers at the four Corners are removed, fo that the fquare Battaliea becomes octagonal: which was an Evolu-tion very common among the Antients, the new difused. Sec Evolution.

Soc Evolution.

Anoles, in Anatomy, are underflood of the Cambi, or Corners of the Eye, where the upper Eye-jid meets with the under. Soe Eye and Eye-tin.

That next the Note is call'd the great or internal, and that towards the Temples, the left or external dingle or Candidate.

rbus. See CANTHDS. ANGER, in Affrology, are certain Houfes of a Figure or Scheme of the Heavens—Thus the Horoscope of the first House is termed the Angle of the East. See House,

HOROSCOPE, Ec.

ANGLICISM, a Diffion in the English Idiom; or a Manner of Speech peculiar to the English Tongue. See Innow and English.

ANGLING, the Art of catching Fifth by means of a Rod, with Line, Hook and Bait fitted thereto. See Fish

There are feveral prudential Rules observed by thorough Angiers; as, not to wear any white or flining Apparel, but be closshed in a dark sky-Colour: To invite the Fifth to be cleaned in a dark sky-Colour: To invite the Pith to the place intended for **arging**, by calfing in from time to time proper Feods, as boild Corn, Worms, and Garbage: To Cokep them regether in the time of **arging**, by throw-ing in Grains of ground Maits or finking a Box of Worms, with final holes for them to croep flowly out at, 5%. To draw Sallmon er Trout tegether, they use a Composition of fine Clay Incorporated with Blood, and Mair ground.

To learn what Bait is boft for any Fifth at any time; after having caught one, they filt his Gills, and take out the Stemach; and thus find what he last fed on.
The feweral Methods of Ancience for Schwon, Thort, Carp, Jench, Perch, Piek, Dace, Gudgeon, Roach, Flounder, Sc. See the Articles Salmon, Flouris, Tree-Flourier,

1NO, &c.

For the Rules of Anglino with the Fly, fee Fly-Fish-

Angling-Rad. See Fishing-Rad.

In Angling, they observe, after having struck a large Fish, to keep the Rod bent; which will hinder him from running to the utmost Length of the Rod-Line, hy which he would be enabled to break his Hold or Hook. Angung Line is either made of Hair, twifted; or Silk;

or the Indian Grafs-The best Colours are the Source White and Grey; the two laft for clear Waters, the first for muddy ones. Nor is the pale watery Green delphis-ble: this Colour is given artificially, by theeping the Hair in a Liquor made of Allum, Soot, and the Juice of Wainuteaves boil'd together.

raves boild together.
Angling How. See Fishing How.
Angling Fy. See Fishing Hy.
Anglio Sewn. See Esclish.
Anglio Sewn. See Esclish.
Anglio Esclish.

ANGULAR, fomething that relates to, or bath, Angles.

Angular Objects at a distance appear round; the little Inequalities disappearing at a much less distance than the Bulk of the Body. See Vision.

Angular Motion, is a compound kind of Motion, where-in the Moveable both flides and revolves at the fame time.

See Motion, SLIDING, &c.
Such is the Motion of the Wheel of a Coach, or other
Vehicle. See Wheel. Vehicle. See WHEEL. The Phanomens, Sc. of fuch Motion, for accounted for

under the Article Roya Arifotolica.

Angulan Motion, in Aftronomy, is the Increase of the Diffance between any two Planets, revolving round any Body as the common Center of their Motion. See PLANET,

CENTER, PERCENT OF THIS MORION IS EXPECTED by two right Lines drawn from the fald Center, to the revolving Bodies; which will open wider, and confequently grow greater, as the trevolving Bodies part father and farther from one an-

ANGUSTICLAVIA, or Angusticlaves, in Antiqui-ty, a Rossas Timics, embroider'd with little purple Studs. See Tunica.

Sec Tunica.

The Anguffelauls was wore by the Knight. Sec Knieht.

The Word is compounded of Anguffu, narrow, finally and

Catust, Nail or Stud: in regard those Ornaments were

finaller in this Garment than in the Laticlausi wore by

the Senators. Sec Laticlaus. Sec also Senaros,

ANHELITUS fignifies a fhortness and thickness of Breath; as in an Affhma. See RESPIRATION and ASTH-

The Word is Latin, form'd of the Verb anhelo, I puff ANIL, in Natural Hiftory, the Plant from which Indigo

is procured. See Indico.

ANIMA, a Soul 4 whether Rational, Sensitive, or Vegetarive, See Soul, Rational, Sensitive, and Vegetative,

The Word is pure Latin, form'd of the Greek assues, Ven-

The reveals pare Lating torm on the Greek wayse, February, Wind, Breath. See Serias 19: World, or of the University, is a certain pure, etheroil Subtlance or Spirit, diffused, according to many of the anticet Philotophics, through the Mist of the World, informing, actuating, and uniting the divers pures thereof into case great, perfect, organical, with Body or Animal. See World, University, Ariestical See 19: Animal See World, Warrell See, Ariestical See 19: Animal See World, Warrell See 19: Animal See 19:

viral Bedy' or Animal. See Workey, UNIVERS, AsiMark US.

**Plant recurs at large of the days' 7-rings, in his 7-rings,

**Plant recurs at large of the days' 7-rings, in his 7-rings,

**The recurs at large of the days' 7-rings, in his 7-rings,

**The recurs at large of the days of the Depmany of the days of the days of the days of the days

**The recurs at large of the days of the days of the days

**The recurs at large days of the days of the days of the days

**The recurs at large days of the days of

MoNY.

Others will have the Anima Mundi to figuity I know not what ignific Vertuce, or vivific Heat, infuted into the Chaos, and differentiated thro its whole Frame; for the Conferration, Nutrition, and Vivification thereof. See Heat, See.

Hence that of the Poet,

I. neus est Ollis Vigor & Calestis Origo-

Others fappofe There, by his Javines Mundi, to have means God, or the Spirit of God; and to have taken the limit from Mofiel, who in his Javoness of the fird Day's Creation, Evy, The Spirit of God sworden the Leave of the Day's Creation, Evy, The Spirit of God sworden the Leave of the Day's Creation, Evy, The Modern Planouffy, or this help Maffert's Javines The modern Planouffy, or this help Maffert's Javines Modernia by a Creation Company of the Company of the Creation of

Attents by a certain universal centered opint, wince in the Heavens exilis perfectly pure, as retaining its proper Na-rure; but on Earth, pervading elementary Bodies, and in-timately mixing with all the minute Atoms thereof, at-fumes fornewhard of their Nature; and becomes of a pecu-tiumes fornewhard to the Deservation. So the Poet :

Spiritus intus alit, totumq; infufa per orbem Mens agitat molem, & magno se corpore mistet.

They add, that this Anima Manda, which more insundiately reddes in the Colonial Regions as its proper feat, more an agreement for first received their Entirect from the Ecoandhy of the fame Spirit: For that this Anima, being the primary Source of Life, every where breathed a Spirit like Intell, by struce whereof various kinds of things were framed conformable on the Divine Ideas. See Inc. 4, PLATONIST, &c.

The Notion of an Anima Mundi is rejected by most of The Notion of an Anima minus is rejected by most of the modern Philosphers; the M. du Hamel thinks, with-our any great reating, for the generality of them admit fomething very much like it—The Peripatetics have no course to celelliat Insuxes, in order to account for the Origin of Forms, and the forret Powers of Bodies. See Forms,

ERIPATETIC, &c.

PRABLENTIS, US.
The Cartiforn here their fabrile Nature, which affects on the User, and the User, and the Peter beninse Men on only of the User, and the State of the Men of the West of the Men of Men o

Space. NIAN, &C.

NAM, 45.
The principal shing objected, on the Chriffian Scheme, against Plant's Dockrine of the Assima Monol, is, that it implies the Dairy too much with missing the Dairy too much with with his Work, making this, as it were, a part of that, the feveral Periose of the Universe for man parts of the Goldbeds—Text is the fame Principle affered by Smoots, lightly, 2: Thomas the questions, and the principle affered by Smoots, lightly, 2: Thomas the questions of the Common of the Charles La place if the plants of the Charles and the Charles a membra

momera—
ANIMA Hepatit, q. d. the Sout of the Liver; a Term
applied by the Chymith, to the Sal Mariti, Salt of Iron or
Sicel; on second of its Uie in Diltempers of that Part.
Soc Ison, Mans, Strext, Salt, Lives, Ec.
It is formetimes also preferibed under the Name of Virivishum Mariti. See Virino.

Tribina Martit. See Virkhol.

Anima Articulurum is a Denomination fometimes given
to Hermodalityli; on account of their Efficacy in Diforders
of the Joints. See Hermonacutt.

Anima Pulmonuma, is uted for Crocus, or Saffron; by
reation of its great Ute in Difastics of the Lungs. See Sav-

FRON and LUNGS.

ANIMA, or Guns Anima, in Pharmacy, a kind of Guns or Refin; whereof there are two kinds, Wastern and ANIMA, or Gunt ANIVA, in Pharmety, a bend of Damo & Kenn, Park of the Park of the Damo & Kenn, Park of Charleston, Park o

ANIMAL, a Being, which, befides the Power of growing, incressing, and producing its like, which Vegetables likewife have, is further endowed with Senfation, and

The Word Animal is derived from the Latin Anima Soul; and literally denotes fomething endued with a Soul.

See ANIMA and Soul.

An Animal, respect being only had to the Body, not the Soul, may be defined with Beerhauer to be an organical Body, consisting of Vessels and Juices; and taking in the Body, confitting of Veffels and Julees; and riking in the Master of it's Xuriment, by Parre called a Month; where it is conveyed into another called the Interfluent, into whis, it has Roos in Parrel and Parrel. See Movern.

According to this Definition, an Antonal is diffused to the Confidence of th

TABLE.

In effect, the Inteffines of an Animal are, in reality, no more than its Earth, or the Body it adheres to; ince which it fends forth its Roots; that is, the lacted 19 effect, which there draw the Matter of its Life and Increase. See

INTERTRES.

An *seimal is better defin'd from its Mouth than its
Heart; fince we don't know whether the whole Tribs
have fuch a Part; for as forced have of Hearts, particularly the Silk-Worm, and force even so; fo 'its positible o.

nerty and Size-worm, and tome evolvo; to us positive e. there may have pone at all. See Heart.

Not can any general Character of an /nimal be taken from the Brain, the Lungs, or the like; fince we know of many quite desitute thereof. See Brain, Lunes,

The gennine Characheritlic, then, of an numbad, is to be free and at large with neighelt to the subject it deserves in Nourtheans (from its received in the subject is taken in by the Nourtheans (from its received in the number of the Nourtheans) of the Nourtheans (in the Nourtheans) of the Nourthe

Sc. Some have defined definath from their Laco Motion, as being capable of Shifting from place to place, and Plans from their theirs of the state of The effect of the property of

Opinion, come from Eggs, and are there inclosed, as it were in Epitome, till the Seed of the Male penetrate their

Armento, come some fights, non see forth the model, and covering, and fretch them, for a they become ready for harding. See Eor, GENERATION, U.S. SEE AND ASSESSED AS

St. Angulia relates, that a great many frapulous persons in his Time, executed that Frebibition of the Law, Thou flat me his 10 me, careful of that Frebibition of the Law, Thou flat me his 10 me, and flat of policy of the person of America at the policy of Seripsers wherein God fipels or America at the will require the Bixed of Man at the hand of Beath, Gare, or me only with Man, but with every limited the person of the Man, but with every limited from the mean of the Man and the Man and M

ving Creature.—Sec Carnitorous.

Arimara are ordinarily divided into terrefirial, aquatic,
votatic, ausphibious, Ingléts, &c.
Terrettrial simuses, are either Quadrupeds or Reptilez.——Quadrupeds have either the Peet cloves, as the
Bullock i or entire, as the Horfe or divided into feveral
Tone or Claws, as the Dog. Lion, &c. Sec Quadrupez, INSECT.

The other Divitions will be found under the words Figur, Bird, Refrice, &c.

But, for a compleat and general Account of the various kinds of *Amerals*, we shall here subjoin Mr. Ray's

General Scheme.

Animals are either,

Canguineous, that is, fach as have Blood, which breathe cirber by
Clungs, having cither
Clungs, having cither
Clungs thaving cither
Clungs having cither

Viviparous.

S Aquatick, as the Whale kind,
Terrefirial, as Quadrupeds.
Oviparous, as Birds.

But on e Ventricle in the Heart, as Frogs, Tortoifes, and Scrpents. Gills, as all fanguincous Fishes, except the Whale-

Exanguineous, or without Blood, which may be divided into

vided into
Greater; and those either
Naked.
CTerretirial, as naked Snalls,
Aquatick, as the Poulp, Cuttle-fifth, &c.
Covered with a Tegument, either

S Cruftaccous, as Lobiters and Crab-fifth. Z Teffaccous, either Cleinaceous, either
Uteivalre, as Limpets,
Biralve, as Oilters, Mucles, Cackles, &c.
Lafter, as Infelts of all Sorte.
Viviparous hairy Animals, or Quadrupeds, are either
Hoof d, which are either

Hoot a, which are either

Whole-footed or hoof d, as the Horfe and Afs:

Cloven-footed, having the Hoof divided into

(Two principal Parts call d Bifeats, either

Such as chew not the Cod, as Swine.

Ruminant, or fuch as chew the Cod, divided into Rummint, or fuch as the wine Cut, divided into Such as have perpetual and hollow Horns:

Such as have perpetual and hollow Horns:

Such as have folid, branched, and decidnous Horns,
as he Despetial.

as the Deer kind Four Parts, or Quadrifcula, as the Rhinoceros and

Hippopotamus. Claw'd, or digitate, having the Foot divided into Two Parts or Toes, having two Nails, as the Ca-

Many Ecre tech or Cutrers in each Jaw :

The greater, which have

A flutter Sneut and rounder Head, as the Catkind.

A longer Sneut and Head, as the Dog kind.

The leffer, the Verminer Weszel kind.

Only two large and remarkable Fore teeth, all which

are Phytivorous and are call'd the Hare-kind. U are Phytivorous and are call'd the Hare Kind. For particulars relating to Ammunds, their Namules, Ameliogus Structure, Soggestly, Individ. Sc. Soc Ara, Haar, Nicks, Tair, France, Instruct, Sc. Arana Ata confill of Suids, or firm parts, as Flesh, Bonce, Membranes, Sc. and Platis, as Blood, Sc. The Solids are mere Earth, bound sogether by fome Oily The Solids are mere Earth, bound sogether by fome Oily

The Solids are more Earth, bound together by forme Unity Humour; and accordingly are reducible by Fireinto fuch Earth again. See Faathi, Fire, Solin, Se. Thus a Bone being perfectly pargid of all its Moifture, by Cylchastion, is found a more Earth, which the leaft force

will cramble into Duft, for want of the natural Gluten r Yet the fame Bone by immerging it in Water or Oil be-comes firm and ftrong again, and more foi n Oil than Wa-ter. And thus Cupels are made of Animal Barth, which will fulfain the utmoft Biffeel Of Fire. See Cv Et.

will fullation the utmoth. Effect of Fire, Sec. Cu. Et..

The Field Farts of Aniuntal are the cruder as they are left diffused from the Lakleals, and abliethest Veilcle-Thus Chyle Is little elfe but a vegetable juice; but in its farther progress, gradually lays ander its vegetable Contract, till after a number of Circulation is the comes a perfect Animal Juice, under the decomination of Book from whence the other Humours are all derived. Soc Curvax,

where the other Humoner are all derived. See CRUEA, BEROOM, HASOM, STERATURS, GET.

The parts of Administrate distinguished from theile of Vegetables by two Greamblesces: The fift, that we can be the parts of their design of the fifth of their design of

Sec Acimi Yet are Animals reconverted into their Vegetable Na-

Yet are Animali reconverted into their vegetable Nature, by Purichidion. See PUTREPACTION.

ANIMALS make the Subject of that Franch of Natural History call of Zoology 3 for Zoon Cov.

The Structure of Animals, with their Different, Remedies, See. make the Subject of Anitomy, Medicine, See. See Anaromy, Maddeline, See. ANIMALS make the principal matter of Heraldry; both

as Bearings and as Supporters, Ec. See BEARING, Suras Bearings and as Supporters, Sc. Sce Bearing, Ser-Forth, Sc.

"Tis an ethablish'd Rule among the Heralds, that in Bla-zoning, Animals are always to be interpreted in the best Scase that is, according to their most noble and generous Qualities, and so as may redoard most to the Hosour of the December.

Bearers.
Thus the Fox, being reputed witty, and withal given to filching for his Prey; if this be the charge of an Efcutcheon, we are to conceive the Quality represented to be his Wit and Cunning, not his Thefr.

Gunning, not his Them.

Guillim adds, that all Savage Beafts are to be figured in their fiercest Action; as, a Lion erected, his Mouth wide open, his Claws extended, 55. Thus formed, he is faid to be Rampaur.——A Leopard, or Wolf is to be iald to be Rampant—A Leopard, or Welt is to be posturely disonal, saits were, Pedectentini within form of Adlon, faith Chaffeneties, first their natural Dilpofition, and is termed Philipain—The genther kindsware to be first forth in their nobleit and mell advantageous Adlon; a. s. 4 Morg running or vaulting, a Grey-honod ourning, a Part Morg La Lamb going with fimoth and eafly pace, Ec. Every szimmá is too be moving, or looking, to the right

fide of the Shield; and it is a general Rule, that the right Foot be placed foremost, because the right fide is reckoned the Foot be placed for model, because the right line is reclaimed the beginning of Motions add, that the upper part is solder than the lower; so that things conflicted either to look up and down, ought rather to be design of looking upwards.—He must be noted, that norwithflanding facilities looking the pro-gistillum, and the other Balletes of through we find by ex-perience, that there are Lions Pullitar, Oowthen's, and by munt, as well as Rempans, and that must Assinate look

mant, as well as account of down, and not up.

ANIMAL is also used Adjectively, to denote fomething that belong or partakes of the Nature of an Animal Body, for Bopy.—Thus we say Animal Food, Animal Occoromy,

See See Foon, Orconomy.

Animal Allians are those poculiar to Animals; or which belong to Animals, as such. See Animal and

Such are Senfation and Mufcular Motion. See SENSA-ON, &0. ANIMAL Motion is the fame with what we call Mufeu-

Mosion lar Motion. See MUSCULAR

Les Matten. See Meieruras Matiin.

It hi dicided into two Brancher; Natural or Involuntary, and Spentancoms. See Natural en disontransport.

Ani Max Pimilion; among Physicians. See Free virous. Mamililis frequently opped the distinct party, which is the Guilder, fieldly pour of Man 30 the Rational party, which is the Understanding.

Ani Max See Meritario and Experiment of the Matter Judge Ani Max See See (1997) and the Matter Judge Ani Max See (1997) and the Matter Judge Ani Max See (1997) and the Matter Judge Ani Matter Judge BLOOD and GLAND.

Broon and Urlann.
The Theory of Asimal Secretion is one of the Improvements in Physic, for which we are indebted to Grometrical Resisfoning.—The fum of what our late Writers on the Head have shewn, may be reduced to the following Heads.

(1) Different Juices may be feparated from the common Mass of Blood by means of the different Diameters of the D d

Orifices of the fecretory Ducts. For all Particles, whose Diameters are lefs than those of the Ducts, will pass throw them; so that any Matter may be evacuated by any of the Glands, provided the Diameters of its Particles be made to the pass of the Diameters of its Particles.

Ginda, provided the Diameters of its Particles to made tiffer than their of the ferencery Delt, either by a Commi-mation of the Member of the Commission of the Member of the Member of the Member of the (1-) By the different Angle which the fice-overy Delf makes with the Trunk of the Arresy. To and Bust provi-ciate to the Commission of the Arrest of the Particles of the Arrest on the Member of the Particles of the Arrest of the Member of the Particles of the Arrest of the Arrest of the Particles of the Particles of the Arrest of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the Particles of the Particles of the Particles of the Arrest of the owing. It is incomine evident, that the blood is arged lor-ward by the Force of the Heart; fo that the Motion of Secretion is compounded of both these Motions. Now the lateral Preflure is greater when the direct Velocity is fo ; but yet not in proportion to fuch Velocity; for the lateral Preflure is confiderable, even when the Fluid is at reft; Predicts is considerable, even when the 'Italia' is at reft's being then in proportion to the Specialic Carsiay of the Fluid 'And in a Fand illic the Blacel in the Arenta which is in drawn in a digital Eucliden, or a Placel in the Later is a forward in a digital Eucliden, or a Placel in the Later and the Carlon of the Carlon of the Carlon of the Carlon of the Proportion comparated of Youk is From whence it will be low, that if they Darricks of equal Dismostra, but of use-qual Specific Carvidos, arrive, with the fame Velocity, at an Orinic capible of domining them, per they will me both enter it and set, become form of the Angles which the Dakis makes with the Trank of the Arreve, is altowerly Duchs make with the Trunk of the Artery, is altogether necessary to account for all the possible Diversities of Secen-ned Fluids, even supposing their Diameters and Figures to

he the fame. (3.) By the different Velocities with which the Blood ar-rives at the Orifices of the feeretery Ducks ——For fine rives at no orifices of the terretary parts — for fine the Secretions are made in a fluid form; no petible Reafon can be adign'd, why fome Animati have a fort loofe Texture of the folid Parts, and why one Part of the Body is of an oadly feparated Texture, and others of a firmer, but this different Velocity of the Blood at the Orificance. ces of the fecretory Ducks, whereby the Particles fecomed ces of the secretory Durtz, wherens use Factors technical for Nonrishment, and Accretion, are drove or impacted into the Vacuola, that receive them with a greater or Je2 Force; it being difficult to imagine that such a Diversity in Texture can altogether proceed from the different Solidities and Contacts of the contituent Parts. See further under the

Article SECRETION.

ANIMAL Spirits, are a fine fubrile Juice, or Humour in Animal Bodies; supposed to be the great Instrument of muscular Motion, Sensation, Sc. See Muscular Mo-

ION, SENSATION, &C.

210N, SENEATION, SC.

The Antients dillinguilled Spirits into three Kinds, etc.

Animal, Vital, and Vegetative: but the Moderns have reduced them to one fort, etc.

Animal; shens the Nature of which, and the Matter whence they are formed, great diffustes have arifen among the Anaromills, the 'their very the state of the proposed of the property of Existence has never been sairly proved.

Asit is hard to define what cou'd never yet he brought under the Judgment of our Scafes, all that we shall here under the Judgment of our Seciles, all that we fluid bere dire concerning them, is hat they mult needs be extremed. by this like Bothes, which elegape all manner of Estimatation by the Seciles, beer for soll affilied; and pervade the "Inelia of the Nerres, which yet have no differentiable Cul-vity to Performition for coald ever by any Experiment by collected; yet are continuely moving in will Quantities, as they must do needly be, to perform a libed majory of the performance of the performance of the performance of the performance of the Court of the Court of the Court of the West Inelia of the Government of the Court of the Court of West Inelia of the Government of the Court of the Court of West Inelia of the Government of the Court of the Court of the West Inelia of the Government of the Court of the Court of the West Inelia of the Government of the Court of the Court of the West Inelia of the Government of the Court of the Court of the West Inelia of the Government of the Court of the Court of the West Inelia of the Government of the Court of the Court of the Court of the West Inelia of the Government of the Court of the Court of the West Inelia of the Government of the Court of the Court of the West Inelia of the Government of the Court of t

By the Help of these we are furnished with a vast Nur ber of precarious Solutions of great Phanomena; and without them we must leave a great Chasim in the philosophical

History of Animal Bodies.

They are supposed to be separated in the Brain, from the subtilest Parts of the Blood; and thence carried, by the Nerves, to all Parts of the Body, for the Performance the Nerves, to all Parts of the Body, for the Portormance of all minimal and vital Pancitions. See Baans and Neave. See allo forther under the Article Senaur. ANIMALCULE, ANIMALCULUM, is a Diminuity of Animals; and expredies fach a minute Creature as is feared

differnible by the naked Eye. Such are those numerous Infects which croud the Such are their numerous Infelts which croad the Waters in the Summer Monda 4, changing if florations was the contract of the Statemy kind, call of the Statemy kind, call of by Summer-Gaussine at their time. We have been a summer of the Statemy kind, call of by Summer-Gaussine at their time. We have been conserved to the summer of the Statemy kind, call of by Summer-Gaussine at the summer of the Statemy kind, call of by Summer-Gaussine and the summer of the Statemy kind, and the summer of the Statemy kind, and the summer of the Statemy kind, and the Statemy kind, and

Urine, Dew, &c. In the Philosoph. Translaft, we have Observations of the Animalaules in Rain-Water, in ferent Chalybeat Waters, Indianous of Pepper, Bay-berries, Oza, Barrly, Wheat, &c. See Microscoper. The human Seed has been observed by divers Authors

to contain huge Numbers of Animaleutes; which gave oc-casion to the System of Generation ab Animaleute. See

ANIMATE, ARIMATED, fomething endued with Life

See Life and Sou or a living Soul. Thus, in Mechanicks, Animate Power is used to denote

Man or Brute ; in contradiffinction to inanimate ones, as a Man or Hrute 3 in contradition to maximate ones, as Springs, Weighus, Ge. Soc Pows as, Ge.
Anim ATED Myreurly, among Chymfila, fignifies Quideliver impergnated with from clientic and privations Particle, if as to render it capable of growing hor when mingled with Gold. See Minguist, Amadamah, Ge.
Anim ATED Meedle, a Nocedic touch'd with a Load floor.

ANIMATED, MAGNET, Ec.
ANIMATION, fignifies the informing of an animal Bo-

y with a Soul.

Thus the Fectus in the Womb is faid to come to its mi-mation, when it begins to act as a true Animal; or after the Female that bears it is quick, as the common way of Expression is. See For rus

EXPECTIONS. See FORTYS.
The common Opinion is, that this happens about 40 days after Conception. But fer, Florentinus, in a Latin Trees, tife entitled, Homo Dubus, for de Bajtiples Abersiona, flows this to be very precarious. See Conception, Assessment on, &c. ANISCALPTOR, in Anatomy, a Muscle, otherwise

called Lattesimus Dorfi.
ANKER, a liquid Meafure, chiefly used at /msterdam,

SCC MEASURE.

So. See Meaning.

The calaries that pure of the Acem, and contains residence and Serials conflict of fineses Mingles 1 de Serials conflict of fineses Mingles 1 de Serials Conflict of fineses Mingles 1 de Serials Conflict of the Montes of an house Body; where the servous Liquer than though clothest the thick, clog up, and as it uses, consent the finese with one another. See Bons, Antron. 1 or Conflict of Montes of the M

perty a Rectain I formge union the author is a section to each of the section to the section for the word; Hildery in the Greek, fignifying the Kowledge of Things perform, and in effect, persons, properly finites to fir. On the contrary, Jonath, fay they, relate to Translitions of others, and facts as the Writter never

the Translations of orders, and used as the missister of this Opinion, the great Amadia, Tacitus himfelf, feems to have been; in regard, the first Part of his Wat, which treats of former Times, he calls Amadia; wherewhen he comes down to this own Times, he changes his when he comes down to this own Times, he changes his

Title, and calisit Hiftery.

Aulus Gellius is of a different Sentiment, and pretends Autor Genus is of a different Sentiment, and preferrit
that Hiftery and Amasti only differ from one another as the
Genus does from the Species; that Hiftery is the Genus,
and implies a Narration or Recital of Things pair'd; and
that Amasta are the Species, and are allo a Recital of Thiaga
pair'd, but with this difference, that these last are dispendent
to a marke Bestelder or Vernal Company.

pafid, but with this difference, that thefe last are digable into certain Periods, or Yearn.

The fame Author gives associated Options, which he first Writer, Amoust 2 are a bare Rectains of with Writer, Amoust 2 are a bare Rectains of what passes whereas Hillery clates not only the Tandaction themselves, but was the Cases, Mostrees, and Survey thereof. The Amoustif has nothing to do but to lay down he Sults, but the Hillerham ecolom and declarate or the Mostree and Survey and Su

Of this last Opinion forms Givero to be, when speaking of innalists, he says, Unam decends landers purent effective vitatem, non Evernatores rerum, sed tautum Narratotti. He adds, that Hiftory, in its Original, was a Composition of Anna

of Annals.

The fame Clerro relates the Origin of Annals: To preferre the Memory of Transactions, the Pomities Messess, flays he, wrote what pass deach Year; and expedit ito a Table, in his own Honfe, where every one was at liberty to read them — These they call'd Annales Maximi; and the Custom was kept up till the Year of Rome 520.

Several other Writers, in imitation hereof, took to this fimple, and naked Way of relating Facts 3 and were beare denominated Annalifis—Such were Cato, PiEter, Pißer, Antipater, &c.

ANN

ANNATES, Annate, Annate, the fame with Primities or Firth fruits; to call'd from the Latin Anna Year, because the Rate of Firth fruits, paid for spiritual Livings affer the Value of one Year's Purchase. See Paimitiz

and FIRST FRUITS.

seed Figure Tavire.

Manuters were anticuty a Right paid to the Pope, updiments were anticuty a Right paid to the Pope, upon his granting a Full for a vaccar Brendee, Abby, or
Bildhoppies, but fines the Albe fifth Pope that imposed
for the Right Pope that imposed to the paid to the pope that imposed
for the Right Right Richard to Historian V. who, ascerting to distribute of Wiffunginer, exactled Annates of all
the vaccar Richards to Wiffunginer, and exactle Annates of all
the Victorian Conference of Wiffunginer, which were
X-C Wighter Further, and the Conference of the Conference of the Conference
X-C Wighter Furth, and fone others, the Annates to
be of a much delete finaling as and to have obtained for

Yet Philydore First, and some others, take Annales to be of a much elder flanding; and to have obtained long before they were paid to the Pope.— "Tis certain at least, that from the Twelfish Century, there were Bilhops and Abbots, who by some peculiar Gulkom or Privilege, took Annales of the Benefices depending on their Diocete

or Abbey

Matthew Paris, in his Hiftory of England, for the Year Assisted Fatty, in the History of England, for the Leaf Ade, relates that the Archbishop of Camerbury in vittue of a Great or Concession of the Pope, received Amastes of all the Benefices that became vacant in Lugland. But in at-ter-times the Holy See thought fit to take 'cm away from the Bifliops and Archbifliops, and appropriate 'em to them-

ANNEALING, or as it is popularly call'd Nealing.

Sec NEALING One fine use of Silver, says Mr. Boyle, was only discovered fince the Art of samealing upon Glass came to be practifed For prepared Silver, or even the crude Metal being burnt on a Glafs Plate, will tinge it of a ial being burnt on a Giata Plate, win tinge it of golden Colour. And there are foreral interal Earths, and other course Marcers, of ale in this Art, which by means of Fire impart templares collours to Glafs, and fometimes very different once from those of the Bodies themselves. Soc Planting on Glass.

ANNEXATION, in Law, the uniting of Lands or Remote to the Cown. See ANNEXD.

ANNEXATION, in 1249, the summing of Leases and Rents in the Cross. See Assistance of expendent of a mother than the Land of th

tir to bring to nothing, annihilate, ANNIHILATION, the Act of reducing a Subflance in-ANNIHLATION, the ACT of request a Subtance in-to Northing 3 or of totally defireying and taking away its Exidence. See Substance and Existence. Imilitation flands opposed to Creation: The one sup-posed of Growthing. See Contraction, the other northing

ade out of fomething. See Caration.

All Annihilation must be Metaphysical or Supernatural. made out of fomething.

See Bony, ALTERATION, CORREPTION, &c. Bodies naturally admit of Changes and Alterations in their form 3 but not of Annibilation.

Philosophers object against this Notion of Annihilation 3 in that it improfes an Act required thereto: Whereas, according to them, Annihilation must ensue upon God's

cording to cording to them, Ammonation must consequently ceasing the act, or to create a thing. For, it the Conferencian of a thing he a continued Creation thereof; as is been university allowed; "Tis evident a thing can no almost universally allowed: almost university allowed: "Its evident a tuning cin no longer endure, than while Gord continues to create." The Word is compounded of ad to, and nibis nothing. ANNI Nubiles, among Law Writers, the legal Age, at which a Maid becomes fit for Marriage; which is at 12

ZERRA. SEC MEE.
ANNIS SEED, or ANDSEED, a medicinal Secd or Grain;
produced by an Umbiliferous Plant of the fame Name,
common or Gardens. Sec Seed.
It has a facetiff. Talke, justernist'd with fomething persons.

It has a tweetilt "Jule", intermixed with founching pener and bitter; I reputed an Aromatic, and preferrbed not barely as a Carministre against Wind; but also as a Percenta, Somewheir and Digettime. See Can surrant you. Fee, It also yields by Dollitation, a white contail Oil called "Effence of Journal plats" of a very through penetrating limited and efficience of Journal plats of a very through penetrating limited and efficience in the medicinal objection; I make the plats of the p

In dililling the Anni-feed for the Oil; there is procu-red a limpid Water call'd Anni-feed Water; which has much the fame Virtues with the Oil.

much see faine Virtues with the Uti.

ANNIVERSARY, is properly the yearly Return of any remarkable Day; and was antiently called a Tarr-day or Minid-day, that is, a Memorial-day. See Annuar Day, 56. On fome extraordizary Occasions fisch Days have been registered, and accurally observed, in grantitude to Foundaring Memorial-more support of the property of the prope

ders and Benefactors. The Word is form'd from sunus and verto, in regard of its returning every Year.——In this Senfe we fay su-

niverfary Days, Anniverfary Feafts, Anniverfary Prayers,

ANNIVERSARY Days, Dies Anniversaris, among our Ancesters were those Days wherein the Marsyrdems of the Saints were very celebrated in the Church; as also Days whereon, at every Year's end, Men were wont to pray for the Souls of their deceas'd Friends.—Anniverfaria dies takes

the sound of the discount of the state of th

repetitur definituti, quomana negarana que de facilitat de finituti que tota. This was the Reasongiven by di-cuirus in his Divine Offic. 8.

ANNOISANCE, or Norânce, în Law, a Hurt er Of-fence, etiher to a publich place, as a Bigh-way. Bridge, or common River 5 or to a printer one, by laying, any thing that may breed Infection; by increasing, or the like means.

See Nusanch Annoisance is also used for a Writ brought upon this

annotation. See Nysancz.
ANNOTATION, a fucind Commentary, or Remark
of any Book or Writings in order to clear up fome Paffage,
or to draw fome Indastion or Confequence from it. See COMMENT, &

The Criticks of the last Age have made learned Annota-tions on the Scriptures, the Classics, Str. The Word is form'd of the Latin adnotatio; of ad and

Nors, Note.
ANNUAL, fomething which returns every Year, or clocks at the end of the Year. See Year.
Thus we fay an Annual or yearly Feat, Office, Committee of the Year.

See ANNUALS.

The Annual Motion of the Earth for proved under the Pricle BARTH

ANNUAL, is foretimes used for the yearly Reit, or Income of a Pretendary, &c. See Parnund, &c.

Annual Plants, called also simply install, are such as only live their Year, i.e. come up in the Spring, and die again in Autumn: And accordingly are to be recruited

every Year. See PLANT.

Annuals fland contradiffinguifhed from Bifannuals, Triennisls, ಆಂ

utils, 15°.

Arsward, Lener, are fish Leaves as come up afresh in Spring, and perish in Wister. See Let x.y.—thee stand Spring, and perish in Wister. See Let x.y.—thee stand Spring, and the standard see the sta

'56', 20". The greatest sunnal Equation of the Meon's mean Mo

tion is 11', 40", of its Apogeo 20', and of its Node 9', 30". Sec None, Ec.

See Nots, E.S.

Their iour animal Equations are always proportionable; fo that when any of them is at the greated, include extended to the control of the Co

See Out ATION. This Day they call'd Tear-day, &c. and on it, Mais was

This Day they cill'd Tene day, Re, and on it, Malis was celebrated with great cleaning. So, ANNIFERANT,
ANNUENTES Mofadii, in Announy, a Pair of tradiver Maffels, a the Roat of the Ferwise of the Black,
call'd allo by Mr. Compler, Rell'i internal minores, becare they be under the Rell'internal, been Rearn.
They are called dimmaters, because they help to made the
Head directly record, because they help to made the
Head directly record, by Renn are Revenue, paid for Term
of This or of Yearn, or in Fee and for ever, See Raysran. Fas. Cer.

NES, PES, US.

In Common Law, the Difference between a Reas, and an Austria's conflicts in this, that Rent is payable out of Land; whereas an animary disappearing with the Common animary disappearing the Rent and Austria's conflict of the Austria's Austria's conflict of the Austria's A

The Companion of the Value of Annutries belongs to Political Arithmetic. See Postiticat Aniumetic. See Postiticat Aniumetic. Dr. Helley, in his Observations on the Breface Bills of Mortality, flews, That it is 80 to 1, a Person of a 2 Years of Age does nut die in a Fear— That it is 3\fo to 1, a Person of a 2 Years of Age does nut die in a Fear— That it is 3\fo to 1, a Man of 40 lives 7 Years 3 and that one of 30 may reasonable to the search of the Postitical Postitical

nably expect to live 27 or 28 Years. So great a difference is there between the Life of Man at different Ages; that it is 100 to 1. one of 20 lives out a Year; and but 38 to 1 that one of 50 doth fo.

Whence, and from fome other Observations, he construc-ted the following Table; shewing the Value of Annuities for every fifth Year of Life to the 70th.

Age.	Years Purchase.	Age.	Years Purchafe
	10,18	40	10,57
ê	13,40	45	9,91
I.O	13,44	50	9,21 8,51
15	2 3,33	5.5	8,51
20	12,78	60	7.60
25	12,27	70	6,54
30	11,72	70	5,32
3.5	21,12		

ANNULAR, ANNULARIS, fomething that relates to, or refembles, a Ring, by the Latins called Annulus. See

Annuar Prantersuce, is a Process of the Medulla Oblongata; thus called by Dr. Willis, in regard it furrounds the fame, much like a Ring. See MEDULLA RING. Oblongata,

ANNULAR Cartilage, or ANNULARIS, is the focused Cartilage of the Laryax; being round, and investing the whole Laryax; called alto Critoides. See Laryax and

Carcornes.

ANNULAR Ligament, Ligamentum Aumulare, is a firong Ligament, encompating the Carpus or Wrift; a after the manner of a Braceler. Sec. Lie and NT.

In ufe is to connect or bind the two Bones of the Arm together; and alio to reflirain the Tendens of the feweral Manifest of the Hand and Evene and more their flates. Muscles of the Hand and Fingers, and prevent their flying out of their places, when in Action. See Carrus, Hann,

FINCER, Co.
The Ligament of the Tarius is also denominated Annular

Ligament, See Tarsus.
Add, that the Sphincler Mufele of the Anus is alfo called Annularis, or Annular Muscle; from its Figure. SPHINCTER.

SPRINGTER.

ANNULAR is also an Epithet given the fourth Finger 5
popularly calld the Ring Finger. See Finger.

ANNULET, 9. d. little Ring 5 in Heraldry, is a Difference or Mark of Diffinetion, which the fifth Brother of any Family ought to bear in his Coat of Arms. See

DIFFERENCE. Annulets are also part of the Coat-Armour of feveral Families: They were antiently reputed a Mark of Nobility, and Jaridiction it being the Custom of Prelates to receive their Javelittee for Macutam & Annulum See Bissur, law 22 TYPER, See

ANNULETS, in Architecture, are small square Members, in the Deric Capital; under the Quarter-round. See

Donic and CAPITAL They are also called Fillers, Liftels, &c. See FILLERS, Annulet is also a narrow flat Moulding, common to other

Parts of a Column, vie. the Bafes, &c. as well as the Capi-Parts of a Column, etc. the Bates, 15c. as well as the Cipi-la if o called, because it encompaties the Column round— In this Samle Anualte is frequently afted for a Baguette or little Aftrogal. See Baoutry's, and Astrant, and ANNULLING, the abelifting of an Ad, Proceedure, Sentence, or the like. See Austrynen.

The Word is compounded of ad and unitias, none; q. d.

un doug.

ANNUNCIATE, ANNUNTIADA, OF ANNUNTIATE, a
ANNUNCIATE, AND OF COMMENTARY, both Religious
and Military; inditated with a View to the Annunciation.

ANNUNCIATION. See Oaner and Annunciation

See Garaá and Austracia Attos.
The first Religious Order of that listed, was intituted in The first Religious Order of that listed, was intituted in The first Religious Order of that Religious Order of the Carlo Stream. The Garafus Assuments Assuments and Carlo Stream. The Garafus Assuments Assuments Order of the Carlo Stream. The form's a First, beauded by Garafus Forercentate, at some of first Research Cowan to Stream of the Carlo Stream of Carlo Stream of the Carlo Stream of the

KNIGHT.

It was at first call'd the Order of the True Lovers Knots ; in memory of a Bracelet of Hair prefented to the Founder by a Lady: but upon the Election of Amadeut VIII. to the Pontificate, it changed its Name for that of the Aunim-

Fight:

ANNUNCIATION, the Tidings which the Angel
Gabriel brought to the Holy Virgin, of the Myttery of the
Internation. See Incanavarius.

ANNUNCIATION is also the Name of a Feeth, celebrated
annually on the 15th of Merch, popularly call'd Leby.

dey, in Commemoration of that weederful Even. See

FRAST.
This Feaft appears to be of great Antiquity in the Latin
Church. Among the Sermons of St. Anguliu, who died in
450, we have two on the Annunciation, vies. the 17th
18th de Santlis: And yet there are much earlier Tellimo

18th as concert: And yet there are much cardier Tellimo-nies of its ufe in the Greek Church. Procless, who deid in 446; Chryfofton, in 407; and even Gregory Thatmatturges, in 295; have all of them Difficurfes on the Ammunication, Review, Perkins, and fome other Proteflate Writers after 'em, have indeed question'd the Authenticknets of the rau Homilies of Gregory Thanmaturgus, on the Amunication but Voffus acknowledges'em the genuine Productions of that

Add, that fome Authors are of opinion, that the Feaft was originally folemnized in Honour of our Savioer; and that the holding it in the Name and Honour of the Virgin, is of a much later flanding. Several of the Eaftern Churches celebrate the Avanueria.

Severa or me Entern Charenes celebrate the Assumers, then at a different Seafon from those of the Welt.—The Syrians call is Bufarnets, q. d. Search, Inquiry 3 and mark it in their Charlat for the first Day of Director. The Armeniaest hold iron the 5th of Jassumy 3 thus anticipa-ting the Time, to prevent its falling in Learn Bart the Greek make to 6 fraugle of celebrating the Festival oven in Lear. See Laure. See LENT.

The Word is compounded of the Latin ad and nuntis, I tell, I declare; of Ninnius, Meffenger.————The Greeks call it Eugspasses, Good tidings; and xaspfleps,

The Ferralio give the Title Annuaciation to part of the Ceremony of their Patiover, viz. that, wherein they explain the Origin, and Occasion of the Solemnity—Thir Explanation they call mine. Huomad.

xplanation they call mum, Haggada, q. d. ANNULUS, a Ring. See Ring.

ANODYNE, in Phyfick, is underfitted of fuch Remedies, as by their gentle Heat and temperate Moifture, calm and affiase Pain. See Pain.

and affuage Pain. These are also called Paregoricks. See Pareco-BICKS.

There are others, which bear the fame Name, but imleep, properly called Narcoticks, Hypnsticks, or Opiates. or Narcotics, Oriate, Sc.

The true Analyses are applied externally, to the patt affected—Such among the Clais of Simples are the Onion Lelly, Root of Mallows, Leaves of Violet, Elder, Ge.

The Word is derived from the privative Particle a and

, doles, to be in pain. We have also certain compound Medicines in the Shops We have allo certain compound Medicines in the Shops, prepared with this Intention; and called by this Name— Such is the Anadyse Bullium, made of Catilic Soap, Cam-phir, Saffron, and Spirit of Wine; digetted in a San-heat. It is recommended not only for procuring Easte in

heat. It is recommended not only for procuring Easte in the most racking extremities of pain, but for affiling in discharging the pecent matter that occasion d in. ANOMALOUS, q. d. hrrgalar; fomething that de-viates from the ordinary Rule and Method of other things

viates from the ordinary Ruic and Method of orher inage of the fame kind. See RUI, 85c.

The Word is not compounded of the privative s, and space, Law, as is ufually imagined: for whence, on such fupposition, should the kit Syllable st, arise? But it comes

rom the Greek diduants, timeven, rough, irregular, form'd of the Privative a, and speaks, plains, even.

Anomalous Verbs, in Grammar, are fuch as are irregular in rheir Conjugations; deviating from the Rules or Fermula's obliery d by others. See Verb and Conjugations

GATION.

There are Amunalous Verbs, irregular Inflexions of Words, in all Languages——In the English all the Irregularity in our Amunalous Verbs, lies in the formation of the Peter Tenfs, and patifive Participle; the 'this only balk of the Native Sursumies or Sexon Words, and ore of the foreign Words, borrow'd from the Latin, Welfs, French. GATION.

The principal Irregularity arifes from the quickness of our Promunciation, whereby we change the Conformat into r, cutting off the regular ending sd.

Thus for mixed, we write mixed or mix'd; for deadled dealt or deadled; for flatched, finatched, finetcher, Re.—But this is rather of the nature of a Contraction than an Irregularity

and is complained of by fome of our Politer Writers as an Abule much to the diffadvantage of our Language, tending to disfigure it, and turn a tenth part of our fmootheft Words into Clafters of Confonants; which is the more inexeafable, in that the want of Yowels has been the general Complaint of the belt Writers.

of the ledt Writers.

Austher Irregularity relates to the preter Tenfe, and patient Perspiration.— Theorytee, fit were regular, or formed five Participle.——Theorytee, fit were regular, or formed Tenfe, and the prifer Participle, where the many the participle are the preter Tenfe, and girner in the puffice Participle.

ANOMALISTICAL Tent, in Attentory, called also patient to the puffice the preter Tenfe, and girner in the puffice Participle.

ANOMALISTICAL Tent, in Attentory, called also patient to the puffice the Participation of Tengels and Participation of Tengels and Participation (Participation Of Tengels and Participation (Participation Of Tengels and Participation (Participation Of Tengels and Participation Of Tengels and Participation (Participation Of Tengels and Participation Of Tengels and Partici

the Equinox. See Tropical.

ANUMALY, in Grammar, the Irregularity of Formation or Conjugation, observed in several Verbs. See ANAMALOUS. Anomaky, in Aftronomy, is the Diffance of a Planet from

the Aphelion or Apogee, or an irregularity in the Motion of a Funct. rom of a Funct, whereby it deviates from the Aphelion or Apogee. See Funner, Ariztation and Arocas.

Report diffinguishes three kinds of Anomalies; Mean, Eccuratic and True.

Alvan or Simple Anomaty in the antient Affronomy, a the Diffance of a Planer's mean place from the Apogee, See PLACE.
In the modern Aftronomy, it is the Time wherein the Pla

net moves from its Aphelien A, to the mean Place or Point of its Orbit I. (Tab. Astracnomy, fig. 1.)

Hence, as the Arch, or the Angle, or the Elliptic Area A S 1, is proportional to the Time wherein the Planet de-A 51, 13 [SODIUMAL IN THE HIME WHETH HE PLANT IN THE RESIDENCE AT 15 THE A FOR MAY PERFORM THE MAY BE A LINE IN THE A FOR S K A TOURD BY A LINE IN THE A LIN

Aftron. Physic. Math. Affrein. Physic. Math.
Amounts of the Executive, or of the Centre, in the new
Altracony, is an Arth of the Eccentric Circle A. K., fig. 1,
Amounts of the Centre of the Planter K., perpenditury
to the Like of the Apfildes A. P. See Ecclus vis. c.
1 the sentent Affrecomy, it is an Arch of the Cedita,
terminated by the Line of the Apfildes, and the Line of
the mean Motion of the Centre.

the mean Motion of the Centre.

True or Equated Anomaly, is the Angle at the Sun, ASI, which a Planet's dithance from the Apaclium, AI, appears under; or it is the Angle or Area, taken proportional to the time in which the Planet moves from the mean Place I, to its Aphelion A.

And hence, in the Sun's Motion, it will be the diffunce

of his true place, from the Apogee —

The true Anomaly being given, the mean one is eafily found: but it is difficult to find the true Anomaly from the mean one given

comerrical Method of Wallis and Newton, by the The Gomerical Method of Wallis and Nerveux, by the prostraßed Cyclids, are not fit for Cleathon 50 nor yet the Methods of Servit, as being too laborious. Hence Affroncement are forced to between the Northead Services and those estily foliases the Problem. But more appropriate that the Services are services and those estily foliases the Problem. But more Executive that those of the deart Patients.

Sir I fane Nertrae flows how to effect even this; and when his Corrections made, and the Problem flowed, and when his Corrections made, and the Problem flowed, as coulding to Harr's Hypotheris, Ser fager adminish that even dearest Services.

ANOMEANS, ANOMORANS, or ANOMIANS, ANOMEL, or ANOMIANS, ANOMEL, or ANOMIANS, a Greek Word, composed of the privative a and issues, fimilar, refemblings, q. d. different, diffinitar.

In the fourth Century, this was the Name by which the pure Arians were diffinguish'd; in regard they not only de-nied the Confubitantiality of the Word, but even afferted, that he was of a Nature different from that of the Father In Contraditionftion to the Semi-Arians, who indeed de-nied the Confubitantiality of the Word, but own'd at the fame time, that he was like the Father. See ARIAN, and SEMI ARIAN.

Sant Anian.

The Semi-Arians condemned the Anomesus in the Council of Selencia, and the Anomesus condemned the Semi-Ariani in their Turn, in the Councils of Configuratiopse and Anticoty creding the Word issuits out of the Formula of Rissian, and that of Configuratiopse, and protecting that the Word had not only a different Subtlance, but also a Will

different from that of the Father. Whence they were to be call'd arrases. See Honocoura, See. ANON'MOUS, formching that is nouncled 3; or to MNON'MOUS, formching that is nouncled 3; or to which no Name is affixed. See NAME. The derived from the Golden that the control of the

nemen, Name Tecker, Advocate of the Imperial Chamber of Spires 3 and Placeius of Hambourg, have given a Treatife of Advan-mons Books——Bercard Gostbelfus Struvius, treats of sarned Mon who have endeavoured to divine the Authora-

of Anonymous Books. of Antonymous Books.

ANOREXY, ANOREXIA, in Modleine, an Inappeterey, or Lofs of Appetite. See APPRIVE.

Amorexia is properly a longer continuance than is nutural, without a defire to eat. See Foop, Fasting.

trait, without a denic to cat. See Footh, Fabring, Diynarr, & G. If the Thought, or the Sight of proper Food, create a Schende in the Stometch, or a l'Endemy to vonit; it is called a Nanyla. See Naura. Naurana, is theirly conditioned as a Symptom of fome Alexander, from which the centre Indications are to backed, and afterwards Stomeshics aided. See From Naurana.

The Word is compounded of the privative Participle and hary-top. Cripto, I defire—
ANSES, or Ansa, in Affrocomy, those apparently prominent Parts of the Plance Xarara's Ring, discovered in
temperating, and appearing like Handles on the Beedy of that
Ph. Word is Latin. and literally figuines Handles or

The Latin. Latin.

Arms of divers Urenfile.

nce fued for a Place of force diffinction to the Infantry.

ANSWER. See RESPONSE, RESPONSEL, BILL, PLEAD-

ANSWERS, SEC RESPONSE, RESPONSEL, BELL, PLEAD-ING, REPLICATION, 5'C.

ANTA, or ANYS, in the accient Architecture, a figure Column, or Pisifler, placed at the Corners of the Walls of their Temples and other Edifices. See Pilatter, Tam-

PLE, US.

The Anse flood out of the Wall, with a Projecture equal to one eighth of their Face, provided there were no Ornament that had a greater Projecture; but it was a Rule that the Projecture of the Anse should always equal that of the

the Projectation that Name, according to Mr. Perratili, from
They took their Name, according to Mr. Perratili, from
the Prepolition Ante before; because placed before the
Walls and Coins of Baildings to fecure 'em.

Anterior and Parra composition

The Perratili from the Perratil

ANTAGONIST, an Adversary; or a Party opposite toanorher in any Combat or Dispute. See Annanan, See. The Word is formed from the Greek syn, contra,

tolanofielt any Countral.

The Word is formed from the Greik aen, courtes,
ggainti, and ajon/en, oppone, loppofe.

ARYAGORIST Migles, in hantomy, are those which
have opposite Functions. See Museurs.
Such are the Flewar and Estempt of any Limb, the one
whereof centralist it, and the other firetches it out. See FLEXOR and EXTENSOR.

FLENOR and EXTENSOR. We have frome foliate, Muffeles, without any Amagonifs; as the Heart, St. Soc HEART, St. ANT AN ACLASIS, a Figure in Rhetotick; being a repetition of the fame Word, but in a different Signification. See REPETITION.

The Word comes from the Greek drn, and drexade, re-percutio, 1 strike sgain.

ANTANAGGE, draws(pp), a Figure in Rheotic, when not being able to answer the Accusation of the Adver-fary, we return the Charge, by loading him with the fame

posite to the Artic or round.

Arcric, &c.

The Stars near the Antarthic Pole never appear above our Heison. See Star, Honzon, Co.

The Word is composed of Arn contra, and depart, Urfa,

ANTARCTIC, or ANTARTIC Circle, is one of the leffer Circles of the Sphere, parallel to the Equator, at

the distance of 19 deg. 30. min. from the South Pole. It takes its Name from its being opposite to another Circle, parallel likewife to the Equator, and at the fame diffance from the North Pole; called the Artic Circle.

See ARCTIC Circ

See Ancre Circles. In the Schools foresthing the spe-ANTECEDEN is another, in exployed of times; fortunes as the school of the school of the school of the school has been been supported by the school of the school to this facility to word flund opposition to sulpharms. An Ametedom Diesers, is a Diescre preceding form of the Action. See Dee 183. This Polas mash controvered, whether Predefinition on Dieser School of the School of the

REDESTINATION. So, an Antecedent Will, or Defire, is that which precodes

fome other Will or Defire, ar fome Knowledge or Prevision— Thus we fay, God by a fincere, but Antecedent Defire, wills all Men to be faved: That is, this fincere Defire of God precedes, and does not suppose, the Knowledge of their Faith and Repentance.

their Faith and Repensance.

By the way it must be noted that the Term Antecedent
is only applied to God in refpect of the Order of Nature, not
of an Order of Succeffion; tor that God, by reason of his
infinite Perfections, fees and forefector both at the fame Time:
after the fame manner he also wills, and not successively, suce ran tame manner he alto wills, and not facefilively, one thing after another—Ver does not this hinder, but that God may will one thing on occasion of another, or have fach a define on occasion of liche a Previous vision; which Divince call the Order of Naturo, in contradishinction to that of Them. Time.

ANTECEDENT, Antecedent, in Logick, is the first Proposi-tion of an Enthymeme, or of an Argument which only con-fifts of two Members. See Enthymeme, Proposition,

In Opposition hereto, the latter is called the Confequent.

In Oppofition hereto, the latter is caused mo contequents. See Constructing signification, explained, think, and therefore the construction of the content of the content is percent to the Augment Asyra content, in Mathematicks, is the former of the rev Terms of a Ratio; or that which is compared with the other. See Ratio and Train.

The content of t

ANTECRDENT Signs, are fach Symptoms of Diforder as appear before a Difference is fo formed, as to be reducible to any particular Clafs, or proper Denomination. See SIGN and SYMPTOM ANTECEDENT in Grammar, the Word which a Relative

ANTECEDENCE, ANTECEDENCY. See ANTECE-

ANTECEDENCIA ANTECEDENCIA

ANTECEDENTIA among Aftronomers— When a
Planet appears to move Wethward, contrary to the Order
or Courfe of the Signs; as, from Taurus towards Aries; it
is faid to move, in Antecedentia. Soc Planet, Order,

SIGN, &c. On the contrary, when it goes Eastward or forwards, from Aries towards Taurus; it is faid to move in Confequentia.

See Consequentia, &c.
ANTECESSOR, one that goes before, or leads another.

See Parguason, Pardersson, &c.
The Term is particularly used in some Universities for a
Professor, who teaches, or lectures the Civil Law.

Profetior, who teaches, or lectures the Civil Law.
ANTECHAMBER, or ANTICHAMBER, an outer
Chamber, before the principal Chamber of an Apartment 3
where the Servants wait, and Strangers stay, till the Perfon
to be spoken withal is at lessen; Ser. Ser Apartment.
The Word is formed of the Latin Ante Camera. See

ANTECHRIST, or Anticumist, Antichriftus, am Divines, &c. a Tyrant who is to reign on Earth, toward the end of the World; for the ultimate Prouf of the Elect; and to give a fhining Instance of the Divine Vengeance, before

to give a framing absence
the last Judgment.
The Word is composed of the Greek arts, contra, againth, and Xifess, Christ.— In Scripture he is also called
Man of Sin, Son of Paralition, Sec. Tis added that he shall

Janu of Sir., Son of Perusinian, Sec. The added that he final I feet high Throat at Zaphini. He post of A statisticity is a temperature of the property of th

whereby the Pope is formally declared to be Anticorig-Pope Cimens VIII, we read, was flung to the Life with this decision; and even King Henry IV. of France was not a little mortified, to be thus declared, as he term'd it, and Antichrift.

The learned Grotius maintains that Caligula was Ami-chrift; but neither does this quadrate with his Appearance

artic end of the World.

Father Maleurda, a Spanith Jefait, has publified a large Although and learned Work, it distributes a large Maleurda Work, it distributes a large Maleurda Work, it distributes a life Opinion of the Father withse the fifth the risks at life Opinion of the Plate when he find a larger j and three with rail the Fathers when he find a larger j and three with rail the Fathers when he find a larger j and three with rail the Fathers was all the World Antichrift to be more at hand, judged the World farmed Judged Harman and Sation j and the written has been a larger from the World for the Plate of Zine: This he founds on the Authority of the Father Alphane founds XLIX. Que not a Satisfact and Caleur. This keep founds the Judged founds XLIX. Que not a Satisfact with the Satisfact Maleurda of Zuar. This be found so the Authority of the Fathers, on the Pathiga in Genthy XLIA. Zun it a Strepation to Way, Sec. On that of Jerony, VIII. is, where it is fail Way, Sec. On that of Jerony, VIII. is, where it is fail Jeyasleyfs, e.g., VIII. where St. Yobe commenting of the Apostolyfs, e.g., VIII. where St. Yobe commenting of This is of I frait, makes no mention of that of Zuar. In the Grant And with Blooks, he treats of the Signs of Anticlops, in the facts of blooks, he treats of the Signs of Anticlops, in the Section of Section 1 in the Section of Section 1 in the Section 2 in the Section

co. In the eighth of the Declinics and Mirclec. In the size of his Perfect ions. And in the eth, of the coming of Encode in Perfect ions. And in the eth, of the coming of Encode in Perfect in the Control of the Perfect in Perfect i

General de COLETAL.

I the Accreté fallot, the Criminal was difficurged; if the Accreté, he was intended to be guilty, and was not be admirted to page hinfelf by the Ordeal. See Cole. As A. Druc G. MENNYA, or ANY PROPERTY. in the animets Architecture, the Jumbs of 3 Dong, or Limschef a Window. See Dong and Window. See Dong and Window.

The Words is all out die the entire Chemistrate, in the animets Architecture, the Jumbs of 3 Dong, or Limschef a Window. See Dong and Window.

The Words is all out die the entire Chemistrate, in the Dong Cafe, or Windows Parms. See Chantella Aug.

Dong Cafe, or Windows Parms. See Chantella Aug.

Comman, the third Syllable of a WORLETHALLY, and the latter End or the Inte Syllable but two. See Words and the latter End or the Int. Syllable but two. See Words and

"Twas upon this Syllable, that the Greeks placed their a-te Accents. See Accent ——The Amepenultimete

"Twa upon this Syllable, that the Grost placed that a crice Accests." So A crice 14"—The Anterpolitical and a Control of a Dictyl is long. See Dictyl 15" Dictyl 15"

not afterwards be interrupted.

ANTERIOR, or ANYERIOUR, flomething before auther, chiefly in refiped of Place—In this Senfe the Term flands oppoided to "Paferior". See Posyerior.

The Word is Latin; formed of the Prepofition, Anti,

ANTESTATURE, in Fortification, a finall Retrendment, made of Pallifiadoes, or Sacks of Earth, fer up its hafte, to diffpute with the Enemy the Remainder of a proof of Ground, part whereof hath been already gain'd. See RETRIBUTIONENT.

of Ground, para waterds, and the American general Revenue American and the American general and the American and the American and Ameri

The word is compounded of arts, centra, againts, sea, parts, Vermit, Worm.

ANTHEM, Antiphona, a Church-Song, performed is Cathedral, and other Service, by the Chorifters, divided for that purpole into two Chorus's, who fing alternately Sec Sown. Causa, Curatarsat, 8fc.

The Word was originally uted both for Pfalms, 3th Hymns, when thus perform d. See Paalm and Huns.

Socrates represents St. Ignatius as the Author of this way of singing among the Greeks; and St. Ambroft among the Latius——Theodores attributes it to Diodorus and Amalarius Fortunatus has wrote expresty of the

Flavian. Amazerius revrements nas wrote expressy or un Order of Anthoms, de Antiphonarum Ordine. At prefent the Term is ufed in a fomewhat narrower Senfe; being applied to certain Paffages taken out of the Pfalms, &c. and accommodated to the particular Solem-

Pfalms, Sc.

ANTHERA, in Pharmacy, a Term used by some Wri-ters for the Yellow part in the Middle of a Rose. See Rose.——It is reputed more aftringent than the rest. Rose—It is reputed more aftringent than the reft.
ANTHERS, among Possanlifs, thefe little Tufts, or
Knobs which grow on the Tops of the Stamina of Flowers,
more usually called optices. See Artess.
ANTHESPHORIA, in Analquity, a Feat celebrated
in Stelly, in Horour of Proferries. See Flast.
The Word is derived from the Grock &#St., Flower, and

The Word is deriv'd from the Grock 4509, Flower, and sele, I carry, in regard that Goddeit was fore'd away by Platos, when file was agained in Flowers in the Fields. Yet Flotts does not a Gribe the Feath of Deriporpies, i but fays it was thus call'd, by reafon Ears of Corn were carried on this Day to the Temples.

Antiosforia from to be the fame thing with the Flori-

fertum of the Latins

fortunot the Latini.

ANTHESTERIA, in Antiquity, was a Feaft celebrated by the Abbusians, in Honouro (Bacchus. See Franz. Seme are of opinion it took its Name from the Month Antholorion, wherein it was celebrated——Others pretend, that it was not the Name of any particular Feaft, but that all the Feaft of Bacchus were call d Antholorios.

time autor reasts or stacebus were call'd stabelleris.

The most natural Derivation of the Word is from sidely.

Flot, a Flower; it being the Custom at this Feast to offer

Garlands of Flowers to Stacebus.

The statesparia lated three Days, the eleventh, twelfth,
and thirteenth of the Month; each of which Days had a

Name futted that propose Office of the Day. and thirecenh of the Month; eich of which Days had a Name fuiled on the proper Office of the Day — The firl Day of the Feath was called **shorin*, **r. O pening of the Veillai, in regard on this Day they open! the Veillas, and the Name of a Menfare, containing the Weight of about the Name of a Menfare, containing the Weight of about the Name of a Menfare, containing the Weight of about the Day before— The third Day they called **yer*in, Kerticas on this Day they sholl all forces of Palls in Kertiles **u. which was the property of the Palls in Kertiles **u. which was the property of the Palls in Kertiles **u. which was the property of the Palls in Kertiles **u. which was the property of the Palls in Kertiles **u. which was the property of the Palls in Kertiles **u. which was the property of the Palls in Kertiles **u. which was the Palls **u. which was the property of the Palls **u. which was the Palls **u. wh however they were not allow'd to taffe, as being offer'd to Mercura

ANTHOLOGION, ANTHOLOGUE, a Church Book in use among the Greeks. See Greek.

The Anthologion is a fort of Breviary or Mets-Book, con-The stressizes is a tort of Hervary or M. 11-Book, com-taining the daily Offices addressed to our Saviour, the Virgin, and the principal Saints; with other Common Offices of Propheta, Aprille, Martys, Pootiffs, and Confessor, accor-ding to the Greek Rice. See Breviary, Mass, Os-

FICE, Ec. It is called estanoyers, q. d. floritsgium, or a Collection

ANTHOLOGY, ANTHOLOGIA, a difcourse or Trea-tise of Flowers, thus call'd from about, Flet, a Flower, and acpt, Sermo, Discourse. Others chuse rather to derive inthology from as sec. Figs, a Flower, and age I gather; and use it to fignify a Collection of Flowers. See Frower. Anthoroco is particularly used for a Collection of Epi-ams of divers Greek Poets. See Erronam. grams of divers Greek Poets.

grams of divers Greek Poets. See EFIGRAM.

57. ANTHONY, gives the Name to an Order of Knighthood, clublift'd in 1382, by Albert of Reveria, 85c. who had then taken a Refolation to make War against the Torks. See Order and Knight.

bed the attent a Reference of the attent of the Reference of the Reference

ANTHOS, "Asso, in its original Greek, fignifies Flower; but by way of Excellency is appropriated to Rosmary, so as to express only Flowers of Rosmary. See Rosz-

MANY.

ANTHRACOSIS, a Difeate of the Eyes, occasion'd by a corrofive Uleer, cover'd with Skin, and attended with a general Swelling; effectally of the Parts about the Eye. See Eyes and Uleers.

The Word is Greek at Spensory, and denotes an Inflammation referabiling a Coal; 26th eff fightings a Coal. See

ANTHRAX, ardyar, firstly signifies a live Coal; and figuratively, a Scab or Blotch, made by a corrosive Hu-

mour, which, as it were, burns the Skin, and occusions sarp pricking Pains.

The Anthrax is also called Carbo and Carbunculus. See CAREUNCLE.

ORREVACE.
The Care is attempted with Cataplassmoof Theriae. Lond.
Alliam. Copt. cold. Sopo Nig. &c.
ANTHROPOLOGY, ANTIBOPOLOGIA, a Discourse
or Treastic upon Man, or Human Nature.
Astherpology includes the Consideration both of the Human Choy and Soul, with the Laws of their Union, and the
Balleds thereof, as Senshiton, Motion, Sec. See Bony,

Soul, Sensation, Motion, &c. Yet Dr. Drake entitles his Anatomy of the Human Body, Λαιbropologia. Scc Ανατομή. The Word is compounded of *αρθημιτός, Man, and λίγος,

Difcourfe.

ANTHROPOLOGY, is particularly used in Theology, for a way of speaking of God, after the manner of Men; by at-tributing Human Parts to him; as Eyes, Hands, Eats, An-

ger, Joy, Ge.—
We have frequent Inflances of Anthropology in Holy Scripture; by which we are only to understand the Effect, or the Thing which God does, as if he had Hands, Ge. See ANTHROPOPATHY

ANTHROPOMANCY, or ANTHROPOMANTIA, Method of Divination, performed by infpetting the Vifeers of a Perfon deceafed. See DIVINATION.

The Word is compounded of as Spores Man, and parrees, ANTHROPOMORPHITE, one who attributes to God,

the Figure of a Man. See Gon, &c. ANTHROPOMORPHITE swere a Sect of antient Hereticks, who, out of a too great Simpheiry, taking every thing fpoken of God in the Scriptures in a literal Senfe 5 imagind the had real Hands, Feet, \$2c.—The Pattinge they chiefly infified on, was that in Gernöff, where it is faid that God made. Man after his own image.

The Word course from the Control of the Control of

The Word comes from the Greek as Spare, Man, and

The Word comes from the Greek a Noperty, Man, ann appley, Shape COATHY, a Figure, Expedient or Diff-Coathy The American Coathy The American Coathy The American Coathy The American Coathy Coathy and the Theodore Coathy C

ANTHROPOPHAGI, Cannibalt; or fuch as feed on

Human Flesh. See CANNEDAL

The Word is compounded of the Greek ardgower, Man, The Word is compounded of the Greek ardyavers, Man, and avay. Eds. I cate—The primitive Chriffians were accased by the Heathens of being.outbropologie; as appears from Tatasa, Tetralisan in the Apologictick, Cap. VII. and Salviam de Provid. Lib. IV. They affirmed that the Christians, in the Myteries of their Religios, killed a Child, and seathed on in Flefis. This Calamny was grounded on what they had heaved of the Escharifi, and the Communion.

DE EUCHARIST, COMMUNION, ALTAR, Ec. ANTHROPOPHAGY, the Act of cating human Flesh.

Sec ANTHROPOPHAGI. See ANYHROFOHMOI.
Some Authors trace the Original of this harbarous Cuflow, as high as the Deluge, and surpluse it to the Giants—
Pliny mentions Styptians and Surromatans; and Jonesaul,
Egyptians, who accollond it themselves to this borrible Repatt——Livy tells us, that Hannibal made his Souldiers eat
unumn Fless, to reader them more steree and daring in

In the fouthern Parts of Africa, and in fome Parts of omerica; this horrid Practice fill obtains. See Can-

The Phylicians think they have discover'd the Principle of Anthropophagy, and that it consists in a black actimo-nious Humour, which being ledg'd in the Coats of the Ven-tricle, produces this Vorsciry. And they give feveral Inflances of this inhuman Hunger, even among their own Patients—M Petit has diffrated the Question, whether or

Parisine—M. The headings of the Quellies, whether or to contrivipy hope by contrive to Nation 2.

ANTI, a Greek Preposition, added to feveral Degight Word, in two different Rendes—Sometime it figures for four the contribution of the contribution In this latter Senfe, the Word matter between did against the Fox 3 dation britishs, those against the Gout; dati affirmaticks, against the Althma 3 dation mitches, against Worms.

Worms 3 Amaphrediticks, against Lust 3 Anti-epilepticks, against the Falling Sickness, 45c.
ANTI, in matters of Literature, are Pieces written by way of Answer, to others, whose Names are usually an-

nex'd to the Auti. See the Anti of M. Baillet; and the Anti-Baillet of M.

See the ABIT OF AN HARRY SHA BE ABIT PAULO OF THE MEMORY AND AND AN ARMY OF A THE ABIT OF THE ABIT OF

entient Libr

Sec LUTHERAN

Luthersat. See Luvieraan.

The Word is compounded of the Greek arm centra, s-gaith, and sidenesse, indifferent.

ANTIBACCHIC, ANTIBACCHIVE, in the antient Poetry, a Foot, conflicting of three Syllables; the two first whereof are long, and the third floot. See Foot. Such

are the Words cantare, virtute. It is so called as being contrary to the Bacchie, the first Syllable whereof is short, and the two last long; as egestas-

ANTICARDIUM, in Anatomy, E'c. that I'ert of the Breast just against the Heart, commonly called the Pit of

The Word is compounded of arn, centra against, and The Word is compounced of sery, source against and weeks. Cor. Heart.

ANTICHRESIS in the Civil Law, a Covenant or Convention, whereby a Perfon borrowing Money of another, engages, or make over his Lands to the Creditor, with the Uto and Occupation thereof, for the Interest of the Money

Icit.
This Covenant was allowed of by the Remant among whem Ultury was prohibited: It was attreased sould Aberrage, to district the state of the sta

Term. Term Antichthaust is now ufed in the fame Senfe.

The Term Antichthaust is now ufed in the a different one.—They confided the Earth as divided by the B-quater into two Hemispheres, the Northern and Southerns and all those when shadowed or the Hemispheres were repeated Antichhems to those of the themispheres were repeated Antichhems to those of the other. In this Senfe. Word is used by Mels and other antient Authors. See ANTIPODES

ANTICKS, ANTICL WORK. See ANTIQUE, ANTICKS, ANTICL WORK. See ANTIQUE, ANTICIPATION, the Act of doing a Thing before the time—Sech a Debt was not yet become due; He An-ticipation anticks is builded. See De-

Intelligent the time of Payment.

ANTICHATION, in Philotophy. See Parroton.

ANTICHATION, in Philotophy.

ANTICHATION, in Philotophy

that Subject have been miftaken as to this Difeafe; attrithat Subject have been mittaken as to this Diffeate 3 attri-buting it to the Heart, whence it is by Solleyfell, called the

busing it to the Heart, whence it is by Solleyshi, called the seededing of the Princindium, whereas it is really andiam-nation in the Guilet, and Throat s and the fame that having Bodies, I called the Jogins of Fourier Solleyship of the Solleyshi

DAY:
ANTIDICOMARIANITES, of ANTIDICOMARIANITES, attlers Hereites, who preceded that the Hely Vigni had not preferred her Vignity, but that the had feveral Children by Folghing the Company of the Compan

DELUGE.

In this Scufe, those Generations from Adam, till Nachs, Flood, are called Antidhireness; and table fines defeated printed them, are useful Paglidanus, or more called Paglidanus, or Dr. Barnett, and Dr. Hockeard differ very widely been Dr. Barnett, and Dr. Hockeard differ very widely been adapted to the Antidhireness World a the General magnionis Fice and Appearance to have been function, quality, and in all neighbor different to the property of the Company of the Com

face as it is now, viz. unequal, diffinguiffied into Mountains, and Dales, and having likewife a Sea. Lakes, and Rivers that this Sea was fall as ours is; was fubject to Tides, and poffets'd nearly the fame Space and Extent that it now does and that the Antidituries World was flock'd with Animals, and that the Antidituries World was flock'd with Animals, Vegetables, Metals, Minerals, &c. that it had the ame Polition in respect of the Sun which ours now hath, its Pontion in temper of the cum water ours now harm, its
Axis not being parallel, but inclined, as at prefent, to the
Plane of the Ecliptic; confequently that there were then
the fame Succession of Weather, and the fame Vicissiudes of Scafens, as now. See TERRAQUEOUS, MOUNTAIN, Se. See alfo Fossit, &c.
ANTIDOTE, a Remedy taken either to prevent, or
cure, Gontagion. See Plague, Contagion, Parstara-

The Word Antidote is also used to fignify a Medicine taken to prevent the ill Effects of some other, for instance, Poison. See Poison.

In this Senfe the Word has the fame Signification with Alexipharmic, Alexiterial or Counterpoifen. See Alexi-

Alexipharmic, Alexiterial or Connerposition. See Alexip-Fira Arac, Cookwrite-Position, Sec. 2018, againft, and Argual give; as being fomething given againft Poilon, ei-ther by way of Medicine, or Preferrative. ANTIENT, or ANCIENT, ulfully flands opposed to Modern. See Modernay.

Modern. See Modern.
The Word comes from the French Ancien, of the Latin Antiquus. Thus we say the Antieut Architecture, Action Monuments, Antieut Church. See Ascurrecture. Ec.

When we fay abfolutely, the Antients, we mean the Greeks and Remants——Thus, the Antients used to burn their Dead——The Learned have been greatly divided of late days, with regard to the Preference between the Antients and Moderns.

Autenst and Moderns.
Antients in George of the young or exp.—W.
Antients in George of the State of the Antients Ethicus George of the Antients Ethicus George of the Antients Ethicus George of the State of the Stat

In the Inns of Chancery there are only, Antients and Stu-read. See TEMPLE.

ANTIENT IS fometimes also used in a Military Sense for Finite. See Engles. an Enfigu.

ANTIENTY, in fome antient Statutes is used for Elder-pip or Seniority—Thus the eldest Sifter can demand no more than her other Sifters beside the Chief Mesne, by res-

more than ner other others believe to the interest power of on of her Antienty.

ANTIENT, is alife the Flag, or Streamer born in the Stern of a Ship, See Flag, Stonar, &c.

ANTIENT Demefing, or Demein, is a Tenure, whereby all Manors belonging to the Crown in William the Conqueror's, and St. Edward's time, were held. See Tande ror's, and St.

The Numbers, Names, &c. hereof were enter'd by the Conquerer, in a Book call'd Doomfday-Book, yet remaining in the Exchequer; fo that fuch Lands as by that Book appear'd to have belonged to the Crown at that time, are called dutient Demefire. See Dooms Day.

rec matteri Lemmins. See Dooms-Day.

The Tenants in Antien Descripts are of two forts; one who hold their Lands frankly by Charter; the other by Copy of Court-Roll, or by the Verge at the Will of the Lord, according to the Cuffom of the Manor. See Free-Sols, Capy-Holl, Sc.

The Advances of Life Tenants.

Cory-noun, Sc.

The Advantages of this Tenure, are, t. That Tenaris
holding by Charter cannot be rightfully impleaded out of
their Masor; and when they are, may absts the Wirley
pleading the Tenure. a They are free from Toll for all
things relating to their Livelihood and Husbandry; nor can

things relating to their Livelincod and Husbahary; in the impanell'do anay Inquest.

Thefe Tenants held originally by plowing the King's
Land, plassing his Hedges, and the like Services, for the
maintenance of his Houshold; and it was on these hear fuch I iberties were given 'em, for which they may have Writs to fuch as take the Duties of Toll, &c. See Sanvice, &c.

No Lands are to be accompted sweiem Demelbe, but fuch
assare held in Soccage. See Montra avenum.

ANTIHECTICKS, ANTIHECTICA, Remedies against

ANTHRULIUMS, ANTHRUTER, Remedica spaint Helical Blieforn. Soci Heren. Patransec, a cerebrated Chymical Preparation, made of equal quantities of Tin, and chalybeated Regulas of Antimony, by melting 'em in a large Graelide, and patring to them, by fitte and little, three times the quantity of Nirre: the Deconation being ext., the whole is walful with warm Water-till no Lineal remains.

It is a very penetrating Medicine, making way into the minuted Paffagos, and fearching oven the nervous Cells; whence its ufe in HeGie Diforders, from which it derives the Name. See Hegyte.

his Name. See Hevre.
It is epidical to good purpose in Haviractic of the Help.
It is epided to good purpose in Haviractic of the Help.
Per person and the Help of the Help of

rithm of a Sine, Tangent or Sceam; or the Difference of that Logarithm, from the Logarithm of ninety Degrees.

See Logarithm and Complement.

ANTILOGY, Antilogia, a Contradiction between two Expressions or Passages in an Author. See Contra.

Tiring has published a large Index of the forming Au-Termit has published a large index of the terming Ma-tilogies in the Bible j. i. o. of Texts which apparently con-tradict each other, but which are explained and reconciled by him, in his Comments on the Bible——A Medicil of the Oratory in Italy, has attempted the like j but has done little more than reheard what occurs of that kind in the

intic more than renewled what occurs of that Links in the principal Commensators.

The Word is Grook, es Tribayou, q. d. Contrary Saying, ANTINENSIA, a simil of Conferenced Tables-Licht, occasionally afted in the Grook Church, in lice of a proper Air. See Air Na.

tar. DECALTAR.

P. Geor oblerves, that in regard the Greeks have but few confectated Churches; and that confectated Altars are not things early to be removed; That Church has for many Ages made use of certain confectated Stuffs, or Linnons call'd

made use of certain conservated Stuns, or Linness can a

Antimenfa, to ferve the purposes thereof.

ANTIMON ARCHILAL, immething that opposes or

stands against Menarchy, or Kingly Government. See Mo-

NARCHY.

Autimonarchical is frequently used in the Sense of Re-Sec REPUBLI publican. See REPUBLIC.

ANTIMONIALS, in Medicine, Preparations of Antimony 3 or Remedies whereof Antimony is the Baßs, or principal legerclient. See ANTIMONY.

Antimonials are chiefly of an emercit tendency; the constitution of the property of the prope

they may be so qualified as to become either Cathartic, or Dispheretic, or even only alterative. See Emeric, Ca-

THARTIC, &c. Dr. Suincy affures, that there are no Medicines in Pharmacy to be compared with these in Maniacal Assections: for that there are no Emetics or Cathartics of anyother Tribo

that are fitting enough for fuch Patients, unless in an Over-dole, which might be dangerous See Mania. cote, which might be dangerous See Mania.

An Antimoral Cup, made either of Glais of Antimoral,
or of Antimoral prepared with Sale-petre, the a Subfance
indifficulte by the Stomach, will give a firmed Cathertic,
or Emeric Quality to any Liquer poured into it; without
any diministion of its own weight.

ANTIMONY, ANTIMONIUM, in Natural Hiltory, a ANTIMONY, ANTIMONIUM, in Natural Hiltory, a Mineral Subflance, of a Metallite Nature; having all the feeming Characters of a real Metal, excepting Malleability. See Minnada and Mital.

Antimozy is what we properly call a Semi-Metal; being a Foffil Glebe, composed of iome undetermined Metal, combined with a fulphurous and story Substance. See SE-MI-METAL It is found in Mines of all Metals, but chiefly that

It is tound in Mines of all Metals; but chiefly thole of Silver and Lead: That in Gold Mines is utually held the heft.—It has allo his own Mines; particularly in Hungary, Transflyantia, and Germany, and Several Provinces of France.

Antinomy is found in Clods or Stones of Feveral fines, bearing a near refermblince to black Lead; only that in Eighert and harders whence all for it is called Adarca to of

Lead; and its metalline part supposed to be of that Spe-

Lead; 3 and its metasinin part tupicated to be of the circles. See Lean.

Its Texture is formewhat particular, being full of little flitning Veins or Threads, like Needles; brittle as Glafa—

fometimes there are Veins of a red or golden Colour inter-

mixed, which is called Male Antimony; that without embelge denominated Female—It fules in the Fire, tho with forme difficulty 3 and diffoles more cashly in Water. When dag out of the Earth, it is per into large Crue bies, finded by a violent Fire, and then poured into Come, or Antimonial Homa, which makes the common or raide Anti-

timental Horns; which makes the common or crude duri-ments of the Borns, the Apex whereof is always the belt and pureth part, as the Bafas or broadelt part is the foatest. Autimony is (appelled by many of the Chymritis to contain the feminal Principles of all kind of Bodies; and secondingly the Character whereby is it demoned in their Writings, is the farme with the Character of the Barth; to denote that An-iments is a superior of the Barth; to denote that An-iments is a superior of the Barth; to denote that An-iments is a superior of the Barth; to denote that An-iments is a superior of the Barth; to denote that Animents is a superior with the Character of the Barth; to denote that Animents is a superior of the Barth; to denote that Animents is a superior of the Barth; to denote that Animents is a superior of the Barth; to denote that Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; to denote the Barth; to denote the Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; to denote the Animents is a superior of the Barth; the Animents is a superior of the Barth is a superior of the B

The Ules of Antimony are very Numerous, and Impor-tant———It is a common Ingredient in Specula, or burning (oncaves, ferving to give them a finer Polith—It makes a Part in Bell-Metal; and renders the Sound more clear— It is mingled with Tin to make it more hard, white, and founding; and with Lead, in the cashing of Printer's Let-ters, to render them more smooth and firm. It is a general Help in the melting of Metals, and especially in cashing of Cannon Balls See Specurum, for the carrier of the Antimory is the Stations of the Antimory by the Greeks called sing.—The reason of its modern Denomination is

called (1999—— In a relation of Hr modern Denomination, who having thrown fome of it to the Hogs, oblive'd, that after perging them violently, they immediately give fit agon it. This made him think that by giving his Fellow-Monks a like Dole, they would be the better rist. The Experiment however fucceeded to III, that they all died of it; and the Modificin themseferward was called Jaintoney,

q. d. Anti-Monk.

Its fingular Properties and Effects have occasion'd it various other Denominations; as Protests, by reason of its va-rious forms and appearances, Lupus, Devorator, Saturn rieus uffici Denoimations, an Presente, by reastion dis two-crease forms and spearance. Explain, Exercising. Assertions. As a final property of the property of the first property of a Sc. all chaffy respecting to Exactly of destroying, and displacing subsects breats are fisted along with right and the second second of the second second second second large. See Raylanuse, Persavitation, Goatn. Ge. Astronomy, in particularly self-in Paramera, associated Virtue is Imposed to self-from the finisharous period in Communication of the second second second second second consultant as the second second second second second consultant as the second secon

See ANY IMMONIALS. See AllO SUFFIERS.

Before the XIVth Century, Antimony had no place in
Medicine; otherwise than as an largeodient in forme Coffine-ticker but about that time, Bufl Valentine having found a method of preparing, and correcting the dangerous Quali-ties of its Sulphur, published a Book, entitled Current Trims-shalls Antimonic, subgroin ha maintained it a furn Remedy eized in Sulphun, published. Sood, entitled Germer Teims-phili Antonium', wheech has ministent in a frue Remoby for all Diffestes—But, in judie et all the could by in its in the could be a subject to the could be a subject to the beginning of the XVish Century, when it was brought into a general Negles'd, upwards of too Xern; till shows to Vegue by Parescapities——The Palentanes of Perris, it is form; and a Plyfician maned Befairer, being been found, a fault of Mithiel had been done by it, for some of real of Mithiel had been done by it, for some of real of the subject to the country of the country Several learned Men complained of for fever and unjust a Problehious, and by a Contice the Polities—— Several learned Men complained of for fever and unjust a Problehious, and by a Contice the purp Engerments Incelling under guint Antimory, by divers Authors, it was a stemph replaced, in the Year Year, by Public Authority, it

at length replaced, in the Year 1637, by Public Authority, among the Number of Purgative Drugs; and was inferted accordingly in the Pharmacupedia, published by the Faculty the fame Year.

Patin did all he could to deery Antimony: in his Let-ters we find an unufual Vehemence express'd against it— He had even compiled a large Register of Persons whom the Physicians had kill'd by it; which he called the Martyrolegy of Antimony.
Crude Antimony, or Antimony in Substance,

Crude' Antimony, or Antimony in Subjeace, in the Native Mineral Antimony, melted down and call in Genes, as abovementioned—It is much ufed in Diet-drinks and Decoclions of the Woods, and Compositions against the Scurvy, as a Diaphoretic, and Deobstruent. See Diaphorety, and Deobstruent.

16. **Prefared Anythmeny is that which has undergone fome Chymical Process, whereby its Nature and Powers are altered or abstacl; and this differently, according to the Circumstances of the Preparation. See Administry, Say Mr. 2019, 1981. **English and Compelitions, 300 Mr. 2019, a variety of Operations and Compelitions, magist be fought to familia a whole Appearance of the Preference of the Cartesian Compelitions, magist by F. F. T. theory **E. **English Compelitions.

whether he wants to employ a Cathartic, or an Emette, a Diarctic, Diaphoretic, Deobstruent, Bezoardic, Cordial,

Regulus of Antimony, or Purification of Antimony

Regults of ANYHOMN, or Furthermy ANYHOMN, ON THE PROPERTY OF ANYHOMN ANY OF THE ANY ON THE ANY OF T

that its Sulphut is evaporated — The Calk is then vittified in a Wind Furnesc; puro which it becomes tradiparent, raddy, and thining. See Grass.
This is the frongest Benetic of any Preparation of Antimony. See Entro.—Vet, if distributed in Spirit of Utine, it ceales to be either Emeric, or Cathartic; even the the Meniroum be drawn from it.

the 'the Meanitum he drawn from it.

Fleuters' of Aurysnows, is nationary paiverized, and
fulchinged in an Abudel; the voletile Parts whereof likels to
This is also a soorcell Ventiuse, of fleugate Efficies; in
maniac Caffes; being the Hortzelsan Remody by which
meaning the Caffes, and the Caffes of the Regular of OnAmother fort of Flowers are made of the Regular of OnAmother fort of Flowers are made on the Regular of Ontermony out high-Ammoniac full-limited as before; which make

a Remedy fomewhat gentler than the former.a Kemedy tomewhat gentler than the former.——Incumoral alfo girse us a Preparation of purging Forcers of Antimony.

See Diaptoretic Antimony.

Butter of Antimony, is a white, gummous Liquor; otherwife call the gold of Antimony, it is usually prepared of crude (the' formetimes of Regulator) Antimony, and corrected the control of the second of the secon

or crude (the) femetimes of Regulator) Autimony, and cor-refore Sublimate, by pulverizing, mixing, and diffilling can by a gentle. Heat: upon which the Butter rifes into the Neck of the Rector; from which, when full, it is to be melted down into the Receiver, by the Application of live

It is of a very fiery, corrolive Nature, fo as to be a l'oison when uled internally. Externally it is applied as a Caulite, to flop Gaugrenes, care Caries's, Cancers, &c. See Cau-

This Batter may be converted into an Oil, called alforelibral Batter of Antisway; by gendy diffilling it a few cond time; which readers it mere fluid, fuller, volatile, and effications.— This digelled with thrice its Weight of Alcohd, makes the purple Linding of Adraway, a becarbingly valued by Mr. Byels, as an excellent Vomit.

cert high ye should by the The less are accurated verification. He may be present the same recipions, by some Water, then a three flowers producers, by comme Water, then a should be all proper of Colks, called Mercerian Fire, and Powder of Agricus a general a vision Emotie.

Of Batter of nationary is also prepared the Bessor Mineral by delibering the reliable attent with Optive of Nitre; then drying the Sobility, and the College of the C

Cinnaber of ANTIMONY, is prepared of Mercury, Sul-shur, and Antimony mixed and fublimed in a luted Poit-icad, and a taked Fire.——It is a good Diapharetic and

Alterative. See CINNAPAR.

There is alfo a Cinnabar of Antimony procured after the Butter of Antimony has done rifing, by increasing the Degree of Fire.—This fublimed a second time, makes a yet better Cinnabar. Crocus, or Liver of Annimony, is the fame with what

we otherwife call Grocus Metallurum; excepting that this latter is more mild and lefs emetic; being made by repeated Lotions of the former, in warm Water, and then drying it again to a Powder. See Caccus Metallorum.
It is also call'd Terra Santia Rulandi, Terra Aurea,

Terra Rubra, &c.
Distloretic Antimony, is prepared of Antimony powder'd and mixed with three times the Quantity of Nire and the Mixture thrown at feveral times into an ignited and the Micture thrown at feveral times into an alguited Crutilities upon which, a Decranice ondisor. What remains being kept in Fufica a quarter of an Hour, turns into a white Miss Gulf Antimosium Disposentiem Nitratum, or Disposencie Antimosy with Nitre, being hereby because of the Company Disposence of the Nitratum, or Disposencie Antimosy with Nitre, a heigh nevely because of the Nitratum, or Disposence of the Nitronessary of the Nitratum, and rendered only Disposence. See Dismossary of the Nitratum o

emetic. See AIR.

There is also a kind of fweet Diaphoretic Antimony; There is also a kind of fueet Disphoestic Assistancy and of the former, by pulser into, boiling it in Water, and filtering the Deceditors: Upon which, a white Founder will be left in the Water, and forted the left of the Water, and food, is the displayed or common Disphoratic Assistancy.— This is given as an Alexhylarmic in milipant Pevers, Small Fox, See, particularly in case of Desiruma. It is also applied in forther and veneral Disorders: Though the Learned Biorries and veneral Disorders: Though the Learned Biorries

thecary's Shop: It will answer the Physician's Intention becove absolutely decries it, as a mere metalline Calx, dell-

steen schlausely deceles in as more mentilize Chip delli use of all medicina Mirrar, and only fit to hard and chap up the Body, by in landitivity and Weight.

**Zingsteenic River of Averstown, is made by exhibit Prince to drynds; upon which, there remains a Sall com-ported of Nirra and the Salphare of the Antinony, call of Sall Formation, or Sall Telephrophus; and accordingly is domain aperitive, cooling, distreting point in inflammany Forces, Ide. See Pavaraxa. and Pots of machine and the Sall Composition of the Sall Com-position of the Sall Composition of the Sall Com-tending the Sall Composition of the Sall Com-position of the Sall Composition of the Sall Com-position of the Sall Composition of the Sall Com-position of the Sall Composition of the Sa

See PURGASTIVE.

Graft, or Gales of ANTIMONY, is the Regular difflied
with Sprit of Nitre, in a Sand-Furnace; what remains at
teet the Pumes are all facet, is a white Powder; which beting wath'd Gueet, is the Certain required.——It is disphotrule; and by many fet on a footing with the Mineral 29:
2017.

of ANTIMONY, is crude Antimony digested Magniery of Artistors, a tome Animosy tigeness with Anna Regia eight or ten Days; to which, Ware; is then par, but pour'd off again e'er it fettle: This to be repeated till there remain sothing behind but a yellowild. Powder: which, being fuffier'd to fettle, and the Water decented off, becomes by repeated. Ablutions, an infipid Magiftery. See Maoisyant. Its Operation is rather eathertic rhan emetic, the fome

times finderific.

ANTIMONY revivified, Antimonium refuscitatum, is pre-ared of Flowers of Antimony and Sal-Ammoniac, digefied

pared of Flowers of *minimage and Sh-Ammonia, digital to infillial Vinegars; then cokaled, and the remainder forestend by Abbation——It is emerite, and functioned and the state of the stat

PURGATIVES
ANTINOMASY, or rather Antonomasy, a Figure
in Rhetoric, whereby a Noun Appellative is affed inflesd
of a proper Name. See Figure and Name.

of a proper Name. See Figure and Name.
Thus we sky, the Philopopher, initial of Arifotle; the
Orator, for Geory; the Applle, for St. Paul, Sc.—
Thus also we call a volupmous Person, a Sardanapalus, See.
And thus we say Henry the Great, meaning Henry IV. of The Word is compounded of the Greek den for, and

srues, Name.

ANTINOMY, Antineasia, a Contradiction between
two Laws, or two Articles of the fame Law. See Law.

The Word fornetines also figuifies an Opposition to all

Laws; whence a Sect of Enchutiaths, who are fer carrying

Gospel-Liberty above all moral Regards, and flight the

Morives of Virtue as infufficient to Salvation, are called λeve. The Word is derived from the Greek den, contra, and

The Word is derived from the Greek dra, comira, and space, Les, Law.

ANTINOUS, in Adrenomy, a Part of the Confiellation Agailla, or the Eagle. See Eache.

ANTIPAGMENTS, Antipogmenta. See Anterac-

Merfenne, in his Ruest. Commons. in Genes, gives other more extraordinary Indiances; as, that a Drum made of a Wolf-Skin, will break another made of a Steep-Skin That Hens will fly at the Sound of a Harp fitting with Pac Get Strings, Ed. See other Matter relating to this Head, and the Articles Sourn, Musica, Tone, Tarantulla.

Mr. Boyle mentions "a Lady, who having a strange Antipathy to Hency; and her Physician conceiving it alogical measure imaginary, mixed a little Honey in a dediction applied to her Foot: But he foon repeated his diction applied to her Foot: But he foon repeated his

" Carrofity ; for it canfed a ffrange Difurder in her, which cas'd non removing of the Medicine. Upful of Philof. —Dr. Mather relates that "a Ucritiewoman in New-England fewcom upon feeing any one cut their Nails with "a Knife; but is not the leaft affected, if the fame be done with a Pair of Sciffars." Phil Transfet. No 539. The Peripatericki account for Antipathies from certain

occult Qualities inherent in the Bedics. See Occult, PE RIPATETIC, Sc. See also WITCHCHAFT, CONSENT of

Parts, &c.

Parts, &c. Some think that the Term Insipathy, can only be applied to say certain purpole, when used with the Rethiction of modern Philiotophers; among whom it fignifies no more than a Vis Centrifuga, or repelling Power. See REFLE

than a FIGURIFINGA, or repelling Fower. See REFI-LING and GENERIFUGAL.

The Word is compounded of the Greek arm, contra, a-guintift, and -56°, Fation.

ANTIPERSTASIS, in Philofophy, the Action of two opposite Qualities, one wherea, by its Opposition excites and heightees the Fotce of the other. See Qwa-

" attack'd by another, collects itfelf, and becomes ftronger "attack'd by another, collects titedt, and becomes itronger by finch Oppedition 5 or an leterafica of the Activity of one Quality, by the Opposition of another."

Thus Cold, fay the School-Philofophers, on many Occasione exalts the Degree of Heat; and Drynefs that of Matthew See Cours See

estices exaits the Degree of Beat; and Drynels that of Moifture. See Conn, 25c. Thus it is that Quick-Lime is fet on fire by the Affu-fion of cold Water: So Water becomes warmer in Wieter than in Summer, by Interpretagin: And to the fame Cusfel it is owing that Thunder and Lightning are excited in the 12 Mar. 19 and 19 an

it is owing that Thundra and Lightning are excised in the middle Region of the Air, which is continually cold. This Australight is a Principle of great Ufe and Ex-tent in the Perpartic Philosophy——"The nocetary," according to the Authors of that Claff, "that Cold and "Heat be both of them caded with a felf-invignating Power, which each may excer when furrounded by in Power, while task may near when featured probabilities of the control of the cont in the fame Vaults and Cellars, becomes the Sanchuary
of Heat; and Water, fresh drawn out of deeper Wells
and Springs, in a cold Scason, not only feels warm, but

not steat; and wards, remo tersor out of ecoper Well wards, and wards, removed to the country of the warm, but well wards and the steat of the stead of the steat of the steat of the stead of the stead

Principles, vis. the Power of Auraction, and Repulsion. See ATTRACTION and REPULSION

As to the Antiporoflasis of Cold and Heat, the Peripa-As to the antiportiagit or coin and itent, the Perparation talk of the Qualities being furnovated by their Oppolites, as if each of 'em had an Understanding and Foreight, that in cafe it did not gather up its Spirits, and guard against its Antagonist, it must infallibly persist, which

paral signifit is Antagonii, it mult infillibly perfilly which is trainform physical Agents into moral once. After field, nor coly Readin, but Experiment, for colors against the North of all, it, the bearing of girls with the North of all, it, the bearing of girls Lime in cold Water: Now, who can fufficiently admit or the Laineds and Corelainy of Manifact, who have fo long, and generally acquirede in what they make the long, and generally acquirede in what they make the long is the lained by quarked with hot first Bulliton will oftentiate. have sound to be falfe? Fer ii, instead or cold Water, the Lime be quenched with hor, the Eballition will oftending be far greater than if the Liquor were cold. See Hear. Again 3 in freezing a Bason to a joint stool with a Mix-ture of Snow and Salt, by the Fire-fide, 'tis pretended,

that the Fire fo intends the Cold, as to couble it to congell the Wister that flaguated upon the Surface of he Suod, not considered that the substitution of the Suod, not considered the Sundarienflight in the Exercision, upons becor, that Mr. Buth has propelly mide it with good function, in a place where there existent way, nor ever pur-table that the Sundarienflight way, not ever pur-licular than the Sundarienflight of sully plend that Aphe-rithical Saving of Hippoperate, "It Victions are better?" in Wister, "in behalf of their Cipition, the the only Front arguest Appears (in but the Aphendin Royales) Prefetting a greater Appears (in that the Aphendin Royales) Prefetting

a greater Appetite; so that the Aphorism supposes Digestion to be made in the Stomach by Heat, which is easily refell'd.

Sec DIGESTION.

Another Argument, urged in favour of an Antiperificfit, ADOUGH Argament, urged in lawer et an Amisperificalis aberrowed from the Production of Hail, which is prefumed to be generated in Summer only, not in Winter; and, according to the Schools; is made in the lowelf Region of the Air, by the Cold of the falling Drops of Rain being to highly intended by the Warmth they most with in the Air near the Earth, as to conged into a fold form. See the Airlie Law. the Article HALL

As to the refreshing Coldness which subterraneous Places At to the retretting contents which is Differences and afforcing Summer, it may be deapy dish at they are then really colder than in Winter; the if the contary were allowed, it would not noeffairly infer an Antispringle,—The cortain, the finasking of Waters drawn from deep places in fresh Weather, does not noeffairly infer face Matter to be warner; than at other times when it does not finoke; fince warmer than at other times when it does not finoke; lince that Elifeth may preceed, not from the greater Warmth of the Water, but from the greater Coldents of the Åir. For a Man's Breath in Sammer, or in mild Winter Westher, becomes very visible; the cold ambient Air faddesly condening the fallignous Steams (eithersged by the Longs's which, in warmer Weather, are readily diffined in the Copylish Earlies when the Many Steams (in the Many Steams).

COLD, &c.
ANTIPERISTALTIC, in Anatomy, a Motion of the Intellines contrary to the Perificitie Motion. See Pear-

The Perificaltic Motion is a Contraction of the Fibres of the Intellines from above, downwards; and the Autiberillatic Motion is their Contraction from below, up-

porifiative Motion is their Contralition from nearw, upsurface. See Part Part 1988.

The World inderive which hash the Fower of comperions, See Vision and the See Vision of Comperions, See Vision and Compensation, See Vision of Comperions, See Vision of Compensation, See Vision of Automatic Market Part Indian of Automatic See Automatic Compensation, See Au

a contrary meaning to what it carries in appearance.—Or, a kind of frost, wherein we fay one thing and mean the contrary. See Figure a and isony.

The Word is derived from the Greek arm and spame, of

opayu, I Speak.

system, 1 Jean.

"It a common Error, to make Antiphrafts confident in a fingle Work; as when we Ley that the Farce are, that in a fingle Work; as when we Ley that the Farce are, that is a single part of the state of the state

Sancties, in his Minerus, p. 431. condemns fuch Anti-phrafts; by reason Phrasis is not applicable to a single Word, but signifies Orationem, aut loquendi Modum. See

That excellent Grammarian defines Antiphrafts to be a Form of Irony, whereby we fay a thing, by denying what we ought rather to affirm it to be: Antiphrafit of Irons quadam forma cum dicimus negando id quod debuit affirmaquenem jorme cum accimis inganes is que acome primari.—As when we fay, I dat son difficient, one, of He is
no Fool; meaning, I cas pleafed with it, or, He is a Mau
of Swife.—Oo this Principle, the Antiphrafis ought to
be ranked among the Figures of Sentences, and not rhofe
of Words. See Figure 2.

of Words. See Flower.

ANTIPODES, or ANTICHTHORNER, in Geography, are-lative Term, underfitted of fisch inhabitants of the Earth as live diametrically opposite to one smother. See EARTH-AMPERS and Company of the Cart with the Ampeles are those who live in Papallel or the North.

A REPARKET OF THE PROPERTY OF

The Antipodes have the fame degree of Heat and Cold; Lee MILPOSS have the lame degree or Heat and Cold to fame length of Night, and Day' but at contray times it being Midnight with one when it is Noon with the other; and the longest Day with one, when shortest with the other. See Hear, Day, Nionx, Se.

Again, the Zenith thereof; Antipode; have the fame therizon. See Horizon.—And hence, when the Sun rifes to one, he fets to the other. See Risino and Setting.

The Word comes from the Greek asi, against, and wie, wis 3, a Fost.

Plato is faid to have first started the Norion of Antipodet; and likewise to have given them the Name: As he conceived the Earth to be of a spherical Figure, it was easy for him to infer that there must be Antipodet. Sec EARTH

See English Many of the Amberts, and particularly Laclautius and Angujun, laugh'd at the Notion.

The latter of those Pathers is out of his wits to think how Men and Trees thould hang pendulous in the Air, their Feet uppermost; as they must do in the other Hemidian.

Interc. And if we may believe Aventine, Beniface Archbishop of Ments and Legate of Pope Zarbary, in the eighth Century, declared a Bishop of that Time, called Furgither, Herestick, for maintaining that there was fach a thing as

Artiplets. But side the controversed by the Author But side Fice of the Man de Trecene; a saveg been made used. On the the Man de Trecene; a saveg been made used in the most side of the Man de Trecene; a saveg been made used in the matter, a part which the Ire Tradition is founded, in a Letter of Pupe Ladrope to Benglies where the large, which was a saveg to the matter of the Man deep the Man and other Man under the Earth; a mother Sun, and an where Man under the Earth; a mother Sun, and an where Man under the Ferthland, Letter Therefore was never executed, and that Butter and Purplishes and Purplis was never executed; and that Boniface and Virgilius at-terwards lived together in good Understanding; and that Virgilius was even canonized by the same Pupe. Mem. de

When the street affect, that were the Story true; the Fog-had does nothing outerry to Truth and Equity: in re-gord the Notice of Antipulot. We today to the street of Antipulot. We today the Story of the street of the Mathematician, fay they, the Falidophers is to a first the Mathematician, fay they, the Falidophers to so added their Comjekturs; and affered that the Sea made two great Circles around the Earth, which divided it into bandle Batte of the certifician, persented and it into bandle Batte of the certifician, persented and Communication between those force parts of the Earth, for four Min could one be of the fame Kind, nor proceed from the time Original: and this, 'ty' our Aubur, manual control of the Company of the Company of the Company Trues."

" Times. As to the Sentiments of the Primitive Christians with regard to outroods; tome, rather than admit the Conclu-tions of the Philosophers, absolutely denied the whole, even the Demonitrations of the Geometricisns relating to the Sphericity of the Earth; which is Latlantins's way, Infit.

hb. iii. 6.24. Others unly call'd in question the Conjectures of the Philosuphers: which is St. Augustia's Method, uses of the Philofopiers; which is \$\tilde{L}_{engellus}^{(1)}\$ Meriod, \$d\$ \(\cdot{Cot}^{(1)} \) \(\tilde{L}_{eng}^{(1)} \) \(\cdot{L}_{engellus}^{(1)} \) whether there ever verticates of contributions of contributions of the properties of the second of the part of the properties of the second of the part of the properties of the short part of our Earth be inhabited by \$\text{damp}_{engellus}^{(1)} \) whether the "lower part of our Earth be inhabited by \$\text{damp}_{engellus}^{(1)} \) whether the make no today of the Earth's being round, we discovered the properties of pid enough is \$M\$. That they wis affarred \$\text{damp}_{engellus}^{(1)} \) and to Hilbirty for its properties of the properties of the cought is \$M\$. That they wis affarred \$\text{damp}_{engellus}^{(1)} \) and to Hilbirty for its properties of the properties of the cought is \$M\$. That the lower part of the Earth may be covered with Waters and that to place duliphoffs there, of a different origin from us, (as mult have been the Oplaion of the Antionts, fince they thought it impossible to go from our World to theirs; i) is to constraidly Stripture, which teaches that the whole Race descended from one Man—Such is the Sentiment of that Critic-

the Sentiment of that Critic.

It may be added, that the Chriftian Fathers were not the only Perfora who differed the Truth of Amitpedes.

Lucretins had done to before them at the end of his first Book, \$0.4, \$5, \$16. See also Plutareh, lib. de Facie in Orbe Lume; and Pliny, who refates the Opinion, lib. ii.

6.65. ANTIPRÆDICAMENTS, in Logic. Sec Antepre-ANTIPTOSIS, a Figure in Grammar, whereby one Cafe is put for another. See Case.

The Word comes from the Greek 2011, pro, and 402ns.

ANTIQUARY, ANTIQUARIUS, a Perfon who fludies and fearches after Monuments and Remains of the Antients; as, old Medals, old Books, old Status, Sculptures, and Inferipriors, and, in general, all curious Fieces that may afford any light into Antiquity. See ANTIQUITY.

as the Horizon of any place is 90° diffant from See also Monument, Medat, Inscription, Scotte. URE, STATUE, &c.

VERL, STAVES, USC.

Tomerly there were feveral other kinds of Antiquent's The Liberti, or Copills, i.e., those who trassicited in the legible Characters what had been believe witnen in Next, property of the control o

ANTIQUATED, ANTIQUATES, fomething obiolete,
ANTIQUATED, ANTIQUATES, fomething obiolete,
ANTIQUE, ANTIQUE, See Obsolute.
ANTIQUE, ANTIQUE, fomething that is assient. See

ANYINY.

The Term is chiefly ufed by Architects, Sculptors, and
Painters; who apply it to fuch pieces of Architecture,
Sculpture, Painting, Se. as were made at the time when
the Arts were in their greatest perfection, among the asthe Arts were in their greatest perfection, among the as-tient Greeks and Rossass, vis. from the Age of Assassler the Great to the time of the Empetor Phocas, when haly became over-run by the Goths and Vandali. In this fends the Word flands opposed to Modern. So

MODERN.

Modern Thus we fay, an antique Building, or a Building after the Antique; an autique Buil, or Bas Relievo; the cartique Manch, 12 fate, 52c.

ANTIQUE is formerimes even contradifficing in the carticat, which denoces a letter degree of Antiquity, when the Art was not in its utmost Parity: Thus, antique Activities in Frequently difficulties for information and the cartical parity and the c

Some Writers are the Compound Antique-modern, in re-See Architecture.

spect of old Goshie Churches and other Buildings; to bi-fringuish them from those of the Greeks and Romans.

ninguals them from these of the Greeks and Romains.
ANTIQUE MORE, See ANTIC WORK.
ANTIQUITY, ANTIQUITAE, antient Days; or the
Times past long ago. See Age, Time, ANTIQUE, ANT

Thus we fay, the Heroes of Antiquity, the Marks of Autiquity, &c.
Antiquity is also used in respect of the Remains, or
Monuments of the Antients. See Monument, REMAINS,

Monument of the Antients. Some instruments of the Antiquities of Greece, the Jenigh As-Thus we Lay, the Antiquities, Glee.— The Chings as impairies, Reason Antiquities, Glee.— The Chings as A NISCII, or Asyroxiv, in Geography, the Poop, who inhabit on different false of the Equators; and offi-tion (equator, at Noon, have their Shadows projected oppo-ficients. Some Shatanow,

See Shadow The People of the North are Antifeii to those of the South 3 the one projecting their Bisadows, at Noon, rowards the North Pole, and the others rowards the South 9 the Antifeli are frequently confounded with Antaca, who inhabiting opposite fides of the Equator, have the fame Elevation of Pole. See Annosci.

The Antifeit fland contradiftinguish'd from Peristit, &c. Sec PERISCII

ANTISESI are formetimes also used among Aftrologen, for two Points of the Heavens equally distant from the Tro-pics—Thus the Signs Leo and Taurus are held Antistic each other.

The Word comes from the Greek drit, against, and sur,

ANTISCORBUTICKS, Remedies against the Scorbutal Scarty. See Scornutus. See also Deteroent. ANTI-SFODIUM. See Spodium. ANTI-SFODIUM. See Spodium.
ANTI-SIGMA, a Mark in the antient Writings, when
the Order of the Verfes is to be changed.

the Urder of the Vertics is to be changed.

ANTISPASTUS, in the antient Poetry, a Foot in Verfic,
having the first Syllable shorr, the second and third long,
and the fourth shorr. See Foor and VERRE.

ANTISTITUM, a Term used in antient Histories,
for a Monastery. See Monasters.

r a Monaflery. See Monastery. ANTISTROPHE, a Figure in Grammar, whereby two Terms or Things mutually dependent one on another, are reciprocally converted. See Figure and Convension. As, if one fhould fay, the Master of the Servant, and the Servant of the Master.

As, it one mount my, the magner of the our span, the Sevent of the Magner.

ANTHUTROPHE was allo a kind of Dance in use among the Antients, wherein they sleeped fometimes to the Right, and sometimes to the Leit, still doubling their Turns or Convertions. See Dances.

The Motion towards the Left, they called draftifupples. See STAR. rom airl, againg, and seeps, of reion, I turn. See STRO-

ANTE

both. See Sympthes and Lyone.

ANTITACTEE, or ANYITACTEE, in Antiquity, a kind of Gnotities, who own'd that God, the Creator of the Cuniserfe was good and juit just afferred within, that one of his Creatures had created Evil, and had engaged us to fellow it, in order to fet us in opposition to God the Creature, and that it becomes our Duty to oppose this Author E Evil, in order to avenue God of his Ecomy. See Gvo-

STICES.

Hence comes their Name; which is derived from the Greek delladely, I oppole, I am contrary.

ANTITEM AR, in Anatomy, a Mulcie of the Thumb; whose Office is to draw it to the Fingers——It rifes from the Bone of the Metacarjes that fultains the Fore-finger, and is inforced into the first Bone of the Thumb. See First

ANTITENAR is also the Name of a Muscle of the gre ANYTYNNAR IS AND ONE NAME OF A MIRICA OF THE PRO-Tree, which arifing from the infector per of the third Or Consolforms, and paffing obliquely, is inferted into the in-fide of the Offs Seffansistas. See Toz.

The Word is compounded of the Greek errs, againft; and Jerse; as being Antagoniti to the Tenari. See

Trans. TITHESIS, in Paleorith, a firing row bines by wy. Of Opposition to each other, that the Escollescy of the core, and the Folly of the other may appear the more firingly. See Operator and Optrostrion. "On Such is that of Glove, in the focused Garlianniam or on the one of Garlianniam or of the other other of the other othe

Juvenes, Senem, quem Juvenem fenes Audivere Such again is that of Seneca, Cure Leves loguentur, Ingentes

fulpoint.

St. Amenfilm, Sensea, Salvian, and many other antient
Writers, feem greatly to affect Antithefts; but among the
Moderns they are generally decired. Definances represents
"em as the Favourities of young Writers.

Perfus long ago declaimed against the impertinent use

of Antithets.

--- Crimina Rafis

Limes in Antitheis, dolfus poluific Figures.
Anaversess is also a Figure in Grammar, whereby one
Letter is fubfittuted in the room of another, as alli for illi.
The Word is deriv'd from the Greek shiftees, Opposi-

ANTITHETARIUS, a Term occurring in the Title of a Chapter in the Laws of Canatas, via. Capit. 47, but not in the Chapter it felf. The meaning of the Word, is where a Man endeavours to ditcharge himself of the Fact of which he is accessed, by recrimination. It is how designed to which a Man endeavours to discharge binnell of the Each of which he is scanded, by recriminating, i.e. by charging the Access and the ANTITIEST, ART THIS TOO, no Opposite, or Contrary, Something disposed by way of Antithess. See ANTITIEST, ANTITIEST, part of the Anticopy of the Contrary, Something disposed by way of Antithess. See ANTITIEST. ANTITIEST, ANT

ANTITRINITARIANS, Hereticks who deny the holy Trinity, and teach that there are not three Perfons in the God-head. See Tainity and Gon.

Thus the Photinians, who do not believe the Diffinction of Perfons in God; the Ariam, who deny the Divinity of the Ward; and the Macedonians, who deny that of the Hothe waru ş and the mackonnams, who dony that of the Holy Spirit, were all properly Antirriuitarians. See ProviMIAN, ARIAN, and MACRIDONIAN.

Among the Moderne, Antirriunorians are particularly
underflood of Sectionan, call'd alfo Uniterians. See Soci-

The Bilistbees Antitrinitariorum, or Antitrinitarian Llbrary, is a Posthumous Work of Christopher Sandins, eminent Antitrinstarian , wherein he gives a Lift digefied in Order of Time, of all the Socialan or modetn Anti-

in Order of Time, of all the Sociation or modern Statistics and Audits, with a brief account of their Lives, and a Gentague of their Works, and their Control of their Workship of their Markey, and their Control of their Markey, and their Markey, and their Markey, and their Markey, and the New Techniques, even in the lightle to the Higherter, 15. 4. a. better the been much operation from the Holy Places and with Handle of the their most current of the their Markey and with Handle of the their works, and the Handle of the their works, and the Handle of the Handle

ANTYPERPIT, is allo afed in Lyric Poetry, in respect
the Pattern flow'd bin in the Mount; the Tabernacks is
of the Olds, which is asked by divided into the Saraphy, Azfermed was the Antiry of what was flown to Major; a say
the Control of the Endow, on the Pattern flow of the Pattern flow of the Antiry of th

is an Amitype.

In the latter Peffage, the Apoflic Speaking of North's Flood, and the deliverance of only eight Persons in the Ark fromit, that a shalped self-liver view and foreigns. Reprintly being an Amitype to that, nown Javes as; but put it go away the filled of the Flood, but the Adjour of a good Configure toward God, Ele. The meaning is, that Rajon and Amitype and Configure toward God, Ele. The meaning is, that Rajon and Configure toward God. Conflictive forward God, U.C. The meaning is, that Right toouffeels, or the Antiwer of a good Conflictione towards God, now faves us by means of the Refurredbin to Chrift, as formerly Righteoninetic faved those eight Perfons by means of the Ark, during the Flood — The Word, Antitype, therefore here fignifies a general Similirade of Circumitan-ers; and the Particle 3, coherennio, refers, not to the imme-dient Antecedent, sher@-, Water, but to all that precedes

dicht Antecedent, wersch water, but to all that precedes.
Anviruser, among the antient Greek Tathers, and in the
Greek Littings, is allo applied to the Symbols of Bread and
Wine in the Sacrament. See Symbol, Huenanter, Se.
Hence it has been argued by many Frontlands, that the
Greek do not really believe the Dectrine of Trantibhantistion; in regard they call the Bread and Wine Antitypes,

NAME OF THE STATE OF THE BREAD AND WINE Antitypes, arrivers, a. 6. Figures, Similitudes, even after the Confectation. See Creek, Tarassurerantation, 15c. Clement, in his Conditionion, S. Cyril, and Gregory Resistance, and feveral other antient Writers, make no feruple of using the Term on the lame Occasion; as is allowed by Lee Allatins, Sniter, &c. Trefairs. Exchinges.

pie of uning the Term on the hame Ocenhon; as is allowed by Leo Milatim, Snitere, &c. Telgarn: Lee tights, Sieve, See, Sieve, Si

Syst. Add, that Marcus Ephofius, the Leader of the Party s-gainft the Latius, at the Council of Florence; makes afe of this very Paffage in the Growk Liaragy, to prove that the Confectation does not confift wholly in the Words, This is now Monty but also in the Paray or Rendiction which the Prieft reheardes afterwards, invoking the Holy Spitt. Soc

ANTLER, among Hunters, the first of the Pearls that grow about the Bur of a Deer's Horn. See HEAD. There are also Sur-Antlers, Brow-Antlers, &c. See HUNTING

ANTONOMASIA, in Rhetotic. See Antinomast.
ANTRUM, in Anatomy, the beginning of the Pylorus,
or lower Orifice of the Stomach. See Pylorus and Sto-

MACH.

ANTOECI, in Geography, those Inhabitiants of the Earth who live under the time Meridian, and at the time Distance from the Equator; the one towards the North, and the other to the South. See Earth.

Hence, the Anacti have the fame Longitude and the fame Latitude, only of a different Denomination. See Lat-

Latitude, only of a different Demonstration. See Latitude, 271218, 286.

The labilitums of Philipsomplia are Austria to the Historius of the Cape of Good Hope—Austria are frequently confounded with Austria.

See Assurant on the Day and Austria and See Assurant on the Day and Night, phenophic Sections, when this is a Clock of the Austria and Night, phenophic Sections, when the time to seek of the Austria and See Austria and See Austria and See Austria and House the See Austria and H

of the one is always equal with the Last of the outer. one DAY, Hours, B.S.ALOX, EVE.

Hence also those Stars which never rise to any given Place, to the Antasi and Antipodes thereof never set: a dise version—And if the Antasi turn their Paces toward each other, or the Antipodes look both toward the Equator, the Stars will rise to the one on the right Hand, and to the one of the control of the Course of t

ther on the Left. See ANTIFODES, &c.

The Word is form'd of the Greek arr, contra, and drafa, I dwell, inhabit——The Antaci are contradiffinguish'd

from the Periaci. See Praisers.

ANUS, in Medicine, the Extremity of the Intestine
Refinm; or the Orifice of the Fundament. See Rec-TUM and FONDAMENT.

Fifthe's in And ate very difficult of Care. See FISTULA.

The Gabionites fent golden Anna's back with the Ark, to
be cared of a Difease which afflicted them in the Anna See ABB Sphinster of the Anti, or Sphinster Ant. See Seuing-

TER Anie Ani.
Loustor Ani. See Levator Ani.
Scalptor Ani. See Ani-Scalptor Ani. See Paocidentia

Anus is alfo ufed for a finall Hole in the third Ventricle of the Brain, which leads into the fourth Ventricle of the Cerebellum. See BRAIN and VENTRICES.

ACRIS.

AURISTUS, Admist, a Tenfo in the Greek Grunmar, answering to the Prester-perfect of the Latin and English. See Tense and Garza.

As, for instance, I look you — The Greeks have two

As, for mulance, 1 100 s you — The Greek have two Arribus's the Latin, mone, See Parter and Parters that AORTA, in Anatomy, an Artery, which arifes immediately out of the left Ventricle of the Heart's and is diffirily out of there of the Latin See Artery which arifes immediately out of the left Ventricle of the Heart's and is diffirily out of there out and the Latin See Artery which was a see that the second seed to the seed of the See Artery was a seed of the Seedan Seedan

The Acrts is otherwise called the great Artery; as being the Trank, out of which the other Arteries all spring; and the great Conduit or Canal whereby the Blood is convey'd throughout the Body. See BLOOK and CERCULA-

The Word is form'd of the Greek difft, which figuifies a Veffet, Coff. &c. — The Aerra is divided into two grand Tranks, call'd the Aftending and Defending; Aeros, Aeros, and Selections. See Asymptomy and Descent aftendens and deftendens.

Diffications, or Petificions of the Costs of the Borts at its rife from the Heart, are fo frequent, that fome think it a conflant Cafe.—Mit. Copper, however, has a caxered Diffication there that whenever fisch Offication happens in Man, it is a Difface, and incommedes the Part in the due Man, it is a Diffact, and incommodes the Part in the due Execution of its Office. Of this he give us Serveral in-flances; one, in which an Intermition of Paifo was pro-duced; in another, a Coldonic of the Extremes with a Camprice, Etc. "Phil Practical." N° 299. AONIOES, in Mythology. See Mviz. APAGM1, a Term wid by Gene Writers in Chirurgety, for the thrulling of a Bone or other Part cut of its proper for the thrulling of a Bone or other Part cut of its

place. See Discocation.

APAGOGICAL Demonstration, is such as does not prove the thing directly, but shows the Impedibility and Absurdity which arises from denying it. See Demonstration

Hence it is also call'd, Reductio ad impeffibile, or ad the dam. See Reduction and Assurbum. APANNAGE, AFENNAGE, OF AFFANNAGE.

AFFANAGE.
APBLLITTE, Hereticks in the Primitive Church, who taught that Chrift left his Body diffured in the Aft 3 and 6 aleended into Heaven without it.
APARTMENT, a Portion of a large Houfe, wherein a Perfon may lodge feparately; having all the Conveniencies requilite to make a complett Habitation. See House,

8c.

A compleat Apartment mall conflit at leaft of a Chamber, and Antichamber, and a Cabinet or Wardrobe. See Chamber, Awrentamber, See.

The Word comes from the Latin Sparimentum, of the

Verb partiri, to divide.

APATHY, a moral Inferfibility; or a Privation of all
Paffion, all Motion, or Perturbation of Mind. See Pas-

The Steicks affected an entire Apathy: their wife Man was to enjoy a perfect Calmerfe or Tranquillity of Mind, incapable of being raffled, and above the reach of any Sente either of Pleafure or Pain. See Stoteas, Please

SURE and PAIN.

'The Word is form'd of the privative Particle a, and wa-Cor, Paffion In the first Ages of the Church the Christians adopted

the Term Apathy, to expreis a Contempt of all earthly Concerns; a State of Mortification, such as the Gospel prescribes. And hence we find the Word often used among preferibes. And hence we find the Word often used among the devonter Writers: Clement Allowarderiums, in particular, brought it exceedingly in vogue 3 thinking hereby to draw the Philosophers to Christianity, who aspired after such a fablime pitch of Viruse.

the Philosopeer on Christianist, who alpited after fish a fashine pixel of View by diffiglified much the appearance of Denoiston. See Quintriass.

APATURAI, he analogist, refuse collection by the APATURAI, he analogist, refuse collection of the first of the analogist of the collection of the first of the analogist view of the collection of the first of the collection of the collection of the first of the collection of the collection of the first of the firs

third Day, till their Fathers had first swore that they were

third Day, till their Fatherts had first fowce that they were their own Children; and that still that time they were for-poiled, in force measure, to be without Fathers, asim, as poiled, in force measure, to be without Fathers, asim, as Non-Flows, on the other hard, informs us, that the Rea, thousand Friends ment on this occasion, and join'd with the Fathers of the young Feople who were to be received any the Tribes; and that from this Affectively the Festi rook in Name: that in Awiless, the a fer from being a Privative, is a Conjustive, and digosfier the farm thing with is; in.

APEPSY, APEPSIA, in Medicine, a want of Digestion. Sec Dienstio

Sec Dicastion.

Applia, is a Defed in the Stomach, which prevents the Alimont taken in from affineding a proper Chyle for Implies the Bod and nountling the Bod and nountling the Bod and nountling the Bod and nountling the Bod and Section 25 as as as Chitza, BLOOS, NUTRITION, 25.

The Word is form'd from the privative Particle s, and straw, cappe, I bed, or exceed.

AFREINENS, or Apprivant, or Apriving, in Modicing.

See APREJENT.

See APRIENT.

The Word is Latin; being the Participle of the Verb

*parine, to open 9, d. opening.

*Cream Martin APRIENTS, opening Suffron of Iron, in

Preparation of Iron-Plate or Billings, made by expending

them to the Rainor Dew, till they control a Ruit; when

is the Medicine required. See Canoba and Mass. See

as the Medicine required. See Unotives and Massa. See aifo Aris, Ed.—it is a good depretent. Arise is see Palphetram Rellins, in Anatomy, is a Mulle, which riding in the Orbit of the Eye, near the centrace of the Orbit-Nerve; paffes over the attollent Multic of the Eye, and is at last inferted into the whole topicarbe Parted the upper Eye-lid, which it ferres to open. See Eve and

APERIENTS, or Apenirtve Medicines, are fuch as Pores; and by that means promote a due Circulation of the contained Juices. See Osstruction, Carillant, contained Juices. See Oss GLAND, CIRCULATION, Sc.

Aperions, then, coincide with Deobstruents. See DE-

OFFIGURE.

The five lefter speriem, or opening Seeds, are Grafs, Madder, Eyrpag, Capers and Cammock.—The greate opening Seeds are Smallage, Fennel, Afparagus, Farily, and Batther's Broom.

TOUTIONS. in Architecture, are the Openings in a

or a Hole, Cleft, or vacant Place in fome otherwise folid, or continuous Subject. See Orenino. The Word comes from the Latin Apertura, of Aperire,

to open.

In Geometry, **ferture is afied for the Space left between
two Lines which mutually incline towards each other to
form an Angle. See ANOLE.

The Hole next the Object Girls

torm an Angle. See ANGLE.
In Optice, Jeptime is the Hole next the Object-Gias
of a Telefcope, or Microscope; three which the Light and
large of the Object come into the Tube, and are thence
carried to the Bye. See Object-Crass.
Aprayrae is also underficed of the Part of the Object-

APERTURE is also underticed at the Part of the Object
Glais itelit, which covers the former, and which is left pervious to the Rays. See Telegrope.
A great deal depends on baving a just speriume.
To find it experimentally; a poply feveral Circles of black
finuted Paper, each bigger than other, upon the Face
of the Clafs, from the Magnitude of a Pea to the whole
of the Clafs, from the Magnitude of a Pea to the whole or the Grans, from the Magnitude of a rea to the whole Extent of the Glafs; and with each of these, separately, view several distant Objects; as the Moon, Stars, 82. That thre' which they appear the most distinctly, is to be pitch'd upon.

M. Ausons affirms, that he found that the Aperiums of Telefropes ought to be nearly in the fubduplicate Rain of their Lengths: But Huygens, who first introduced the Ufe of Apertures, affures us he found by experience. that the spersure of an Object-Glass, E.gr. of 30 Foot, is to be determined by this Proportion: as 50 to 5, that is as 10 to 1, to is the Root of the Diffance of the Foursday Glafs multiply'd by 30, to its Afternove: and the feets Diffances of the Eye-Glafitz are to be proportional to the

A Table of Apertures for Telepopes of various Lengths
USe. See under the Article Telepopes of various Lengths
USe. See under the Article Telepopes
The greater of left Aperture of an Object-Glata, it is of
be noted, does not increase or diminish the visible Arts of
the Object, as the late is difficielly by this, is the admirators
of more or left Rays, and confequently the more Displace
of three Appearance of the Object.

Hence, in viewing Venus thro' a Telefrope, a much lefs
Aperture is to be used than for the Moon, Inpiter, or Seturn, because her Light is fo vivid and glaring—Which
Consideration does a little invalidate and diffure M. Mocous's Propertien, as is shown by Dr. Hook, Phil. Transact.

Apertura Tabularum, in antient Law-Books, fignifics the breaking open a Last Will and Testament. See Will and TESTAMENT.

and I LETAMBET.

Apprints Fends, denotes the loss of a foudal Tenure, by definit of liftee to him, to whom the Fend or Fee was first genered. See Fee, Fedd, Tenure, Ec.

AFETALOUS, in Bosany, fomething without Perala or Leaves. See Petala and Leave.

The Word come from the activation.

The Word comes from the privative Particle a, and sim-s, Folium, a Leaf. See Flower, Plant, St., APEX, the Vertex or Summet of any thing. See Ver-

APER, Inc Ventor of Presents in Grammar, a Figure, APILERESIS, or APILERESIS, in Grammar, a Figure, whereby foundthing is taken away from the beginning of a Word. See Figure and Word. Thus Ciconia, by Atherefit is wrote Conia.

A like Retrenchment at the end of a Word is call'd Syncope or Apacope. See Syncore and Apacope.
APHELION, or Aphelium, in Aftronomy, that Point

APPLICATOR, OF APPLICION, IN AUTOCOMY, that Foliat of the Barth's or a Flanct's Orbit, in which it is the fartheld dillate from the Sun that it can be. See Casar:
Thus a Flanct being in A, (Tab. Astronomy, Fig. 1.) Its strong Dillance from the Sun's Sis failed be built application. See PLANER, SIN, is failed be built application. See PLANER, SIN, is failed be built of the Elification of Supposition of the Sun's moving roand the Elirik; but faire Point is called the Afgge. See

The Aphelion stands opposed to the Peribelion. See

The Apheliums of all the primary Planets are at reft; excepting that those Planets nearest the Sun, via Mercury, excepting to at those Planets bearest the Sun, vis. Meyerny, Venus, the Earth, and Mart, being alted upon by fujier and Satura, their Appelliums move a small matter in Con-fedents the with respect to the fixed Stars, and this in the fedgualistic Ratio of the Diffance of those Planets from

the Hence, if the aphelium of Mars move 35 Minutes in Configuentia, in respect of the fixed Stars in 100 Years, the apheliums of the Earth, Venus, and Marcury, will move in 100 Years, 18 Min. 36 Sec. 11 Min. 27 Sec. and

4 Min. 29 Sec.

move in co Years, it Min. 3 ye&c. in Min. 3 ye&c. and
Alin. Model of finding the place of the syletion, it by
chieving feveral of the gent Digardines of the Place
from the Sun 3 till by two or these repeated Others alone
from the Sun 3 till by two or these repeated Others alone
from the Sun 3 till by two or these repeated Others alone
from the Sun 3 till by two or these repeated Others alone
from the Sun 3 till by two or the sun of the Sun 3
from the Sun 3 till by two or the sun of the Sun 4
from the Sun 4
from

APHONY, from the privative Particle s, and out. Vex, Voice; implies a lois of Speech, or Voice. See Voice,

APHORISM, a Maxim, general Rule, or Principle of a Science; or a brief Sentence, comprehending a great deal of Matter in a few Words. See Maxim, Se.

The Term is chiefly ufed in Medicine and Law.

Thus we fay the Aphorisms of Hiptocrates, of Sauttorius, Thus we fly the Aphripment of Hispograms, or administration of Bernhauer, Re. Aphripmen of the Civil Law, Ec.

The Word comes from the Greek has apply of core to, plans, Bigg. I figurate, I chafe, a, d, doice, or field Someone. See Sewerers, Annow, Se.

Someone. See Sewerers, Annow, Se.

Sentences. See SENTENCE, ARICM, Sc.
APHRONITRE, APHRONITRUM, a kind of Nitre,
mention'd by the Antients; fuppefied to be the Spume, or
the lightest and fubtilest Part thereof, emerging to the top. Sec Nimes

See Nitre.

Some modern Naturalifs rather take the antient Aphro-mitrs to have been a Native Salt-Petre; now call'd Salt-Petre of the Rock. See Saut-Ferra.

The Word is compounded of the Greek 1990, Froth, and

Mer, Nicre.

APHTHE, in Medicine, little Ulcers or Pimples riling in the Mouth, the Palate, Gums, at the Root of the Tongue,

Se. See ULCER, Se.

Sucking Children are particularly subject to these other the, when either the Nurse's Milk is corrupted or the Child's Stamach becomes unfit for Digestion: for in these cases, the sharp acrimonious parts of the Milk rising up, casily exulterate these tender and delicate parts.

There are some of these Aphibo waite, others red, others livid and blackish: The white and red are the least

dangerous, and the most easily cured; the livid and black often prove mortal.

other prove morea.

When they happen is grown Perfors, they are owing to thin, farous, and tharp Hamours returned from the feveral parts of the Zody to the Meant.

A Liniment of Met Refature and Oll of Vitriol, is effected a good Remedy for the Aghthe.

The Word Ferms derived from the Greek policy to construct the force of the Remedy of the Meant of the Remedy and the Soften Soften of Soften Soften

rapt; or from trav

rupt; or from two, accorde, I kindle.

APHTHAR DOCITES, APHTHAR DOCITE, a Sect of Hererics, fworn Enemies of the council of Chalcadon. They arole among the Emychians, and made their first

appears of in the Year 535. See Euryceitan.
The Word is derived from the Greek do Aller, incorrup-

The word is derived from the Greek as [15], incorrup-tible, and *sax, I judge; and was given them, because they imagined the nody of John Clarik was inconsprible and impatible, and not expelle of Death. APIARY, a Ber-Houfe; a Fisce or Court where Bees are kept.

The Word comes from the Latin, /pis, a Bee.
The /piary should be fereen'd from high Winds on every fide, either naturally or artificially; and well defended from

Positry. Ce. whose Dung is offensive to Bees.

APICES, in Botany, little Knobs growing on the
Tops of the Stamina, in the middle of Flowers. See

AMINA and FLOWER. STAMMA and FLOWER.

They are commonly of a dark, purplift Colour.—By the Microfcope they have been different'd to be, as it were, a fort of Cafpilla faminales, or Seed-Veffels, containing in them finall globular, and often oval Parielles of various Colours, and exquitetely formed; called the Farina Factor-Large Colours, and exquitetely formed; called the Farina Factor-Large Colours, and exquitetely formed;

Colours, and exquiting names y estimate the results are coloured about See Fashian Forcested and.

What the Ules of these are, is not entirely agreed: Some have guessed them to be a kind of make Sperm which filling down into the Flower, secondates and ripers the Seed. See further under the Article Generation of Plants.

Seed. See further under the Article Generation of PLANTS.

The Word is Latius being the Nominastrie plant of

Apex, the Top or cummet of any thing.

APOBATERION, among the Accients, fignified a

furewell Speech, or Peem; occasional by a Perfons departure out of his own Country, or fome other place where he

had been kindly received, and entertained.

Such is that of Aineas to Helenus and Andromache, Lib. III. The Apobaterion stands opposed to the Epi-See EPIBATERION APOCALYPSE, Apocalypfit, q.d. Revelation; the Name of the last Book in the Canon of Scripture. See

CANON and BIRLE.

CANON and BILLE.

The Jacophyle contains Differences, or Revelations relating to many important Mytheres of Chriftian Paths, made to the Apottle St. John, in the Ille of Pathmes, during his Banifilment there under the Perfection of Domitical.

See REVELATION The Word is form'd of the Greek amegavirm, I reveal, I difcover.

I discover.

This, of all the Books of the New Testament, is that, about which the antient Fathers, and the Practice of the Church, were the most and the longest divided——Se. Je-Charch, were the moit and the longeit divided—St. Je. your relates, that the Greek Church doubted of its Authon-tickness even in his Days: St. Baffl and Grogory Nasian-zen abfolucity reject it; and the Council of Landicea never mention it in their Canon of the Sacred Writings.

menton I i i fiele Carion of the Stered Writings. Some aeribarde is the Hervice Crivillary i and others, to seacher [26n, D.Kiple of St. Péla——Dissiplan Atta-activiting creditors it as written in half GPR, and even shall are advantage of the season of the season of the season of it to occurin a myllic feath, which he fays he admires even where he does not underfand. Con the other hand, 55 Polini, Francus, and St. Applin, make no dush of its being Chromott. The third Couries of el Carrings, held in very pleed it in the face of the season of the Steff have active of the collection of the Collection.

High have acknowledged it ever fince

Well have acknowledged it ever fines.

The ∠legists are repreferred by Ecclefishical Writers, as great Declaimers againft the ∠pectypfe, many of the Flighter whereof they user'd line R (disule; particularly the Viñoss of the feven Trumpets; the four Angels bound on the River Euphrates, Use — St. Explanator defends it against them: The Book, he observes, is not a more Him. but a Prophecy; fo that it is no wonder the Author

frould express himself after the manner of the Prophets, whole Style is usually figurative.

Some late Authors have made a good amendment to St. Some late Authors have made a good amenament to ob-Epsthemin's Andwer: "The probable, in the time of that Father, the Catalogue of the Bilhops, with other Adts, which flew that there had been a Church eltabilith'd there from the time of the Apothes; might not be known. Gra-tius adds, that the there was not, indeed, any Charch of rists adds, that the there was nor, mocced, any Charch of Gentile Canverts at Physicirs when St. John wrote; yet there was one of Jests, as there had been another at Pheficiantic before St. Pant preached there.

Several Orthodox Writers have rejected the Aprenty of the Reverties of Corinthus touching the cannal Reign of Christ on Earth. See Canoning the cannal Reign of Christ on Earth. See Canoning the cannal Reign of Christ on Earth.

RINTHIANS, and MILLENARIES.

RINKHIANS, and MILLENAXIES.

The Disnipus Alexandrinus allow'd the Apocalypfe for an infpired Writing; yet he took it for the Work of another John, befide St. John the Evangelift; which he endeavours to make appear from the Divertity of Style. But we all to make appear from the Divestify of Style. But we all know low perceivate the Augments are, which are draw to me the mere Cardideaston of Style—"Its tree, in most of the autient Card. Copies, both principed and manafeling, we find the Name "Phā the Diverse at the Head thereof's but they who part that "Hite, meant can more thesety than to denote the Ayolde & Martin, we, in all diverse in the Area of the Ayolde & Martin, which is the Martin of the Cardideaston of the Ayolde & Martin, which is the Ayolde and the Ayolde & Martin, which is the Ayolde & Martin, which is the Ayolde & Martin of the Ayolde & Ayolde & Ayolde & Martin of the Ayolde & Ayolde

There have been feveral other Works published under the Arther of Jesuphysia—Security mentions a Book actd in the Churches of Yashirin, call'd the speaciffy, or Re-ceived the Computer of the Computer of the Computer of Parties which the Copfere results to this day. Enjohim also Epizhas of both these Speaciffs——Six Epizhams and the Computer of the Computer of the Arther of the Computer of the Computer of the Computer of the Arther Spipe of Modey, another of the Tomas, and another of the Spipe of Modey, another of the Tomas, and another of the

Porphyry, in his Life of Platin, makes mention of the Appealypfes or Revolutions of Zerosfer, Zefirian, Nicobest, Altograms, Etc.

theus, Allegems, ele.

APOCHVIISMA, among Phylicians, Infligition; the boiling and thickening of any Juce with Sugar and Honey, into a kind of hard Confidence. See Instissation,

APOCOPE, a Figure in Grammar, wherein the laft Letter or Syllable of a Word is cut off. See Figure and Wosp. The Word is derived from the Greek amed whe, to cut off a

which is form'd from the Prepotition sind, and the Verb ziole, I cut. A like Retrenchment at the beginning of a Word is

A like Retrenchment at the beginning of a word is call'd Apherois. See Apragasis.

APOCRISIARIUS, or Apocrisarius, in Antiquity, an Officer appointed to carry or deliver the Medigast, Orders, and Arkets of a Prince—He afterwards became his Chancellor, and kept the Seal. In the bafer Letter we fometimes meet with Afteretes, Secretary, for Afterifary.

Zenimus defines the Afterifarius, Secretary for foreign
Affairs; being the fame with what Vopifeus in the Like of

Aurelian calls Notarius Secretorum. The Title and Quality of Apocrifary became at length appropriated, as it were, to the Pope's Deputy or Agent, who refided at Conflantinople to receive the Pope's Orders, and the Emperor's Aniwer——St. Gregory was Aporti-fary of Pope Pelagius, at the time when be composed his Morals on Job.

The Aperifary did the Office of the modern Nuntio's, See Nuntio. Sometimes, however, he had the Rank and Quality of

Sometimes, however, he had the Kank and QERMAN, or the Pope's Legate. See Laca Ars.

The Herely of the Mountelities, and afterwards that of the Ionoxidality, broke off the Caulom of having a Papal Appear/Pary at Caudioninaple.

The Word is form'd from the Greek arisans, Refport, Antwer—Hence he is ulually call'd in Latin, Refum, Anfwer-

APOCROUSTICS, Medicines intended to flop the Flux of malignant Humours, to a part difeated. See REPELLENT.

They are usually cold, aftringent, and confifting of large Particles; wherein they differ from drawing Medicines, which are not, and confift of more fultile parts. See Rarg-

The Word is derived from dwisses, fulfo, fello, I drive, APOCRYPHAL, fomething dulious; or that comes from an uncertain Author, whereon much credit cannot be that comes

from an uncertaint of the reported.

Thus we fay, an specryphal Book, Paffage, Hiftory, &c.
Thus we fay, an specryphal Book, Paffage, Hiftory, &c.
of Dedrine, the Writings of Herezicks, Schilmaticks, &c. are

held spersyphal.

Viffus observes, that with regard to the facted Books, note are to be accounted sporty bal, except such as have neither been admitted into the Synagogue, nor the Caurch, so as to be added to the Canon and read in public. See

CANON, BIBLE, &c. The Word is derived from the Greek amaging, to hide; because the Origin of such Books was unknown, or because they contain'd fome Mysteries not fit to be knownthey contain'd tome Mylteries not fit to be known—Fithis reading, the Books of the Sybils were aminstly call'd 1999, cryphal; as being committed to the Traft of the Decement alone: and for the like reafon the Annals of the Egyptituss and Tyreass were call'd by the fame Name. See Sy.

DECEMVIA Before the Septuagint Version, the Books of the Old Testament were all specryphal in this sense—But in process of time, the sense of the Word was changed, and shost Books alone were calld sportsphal, which were of doubt-

ful or fuspected Authority.

sal or superted Authority.
In the original meaning of the Word, all the Writings
deposited in the Temple were called spectryshal; by reatin
they were kept ferret from the Feople.
When the Yeav published their Lered Books, they only

When the Jews published their hered Books, they only gave the Appellations of Canonical and Director to lake a they thus made public; and fach as were full restained in their Lathics, they called Jersephile, for no other tra-fen, but Security they were not public promised as finite to the security of the high security of the con-pleted as finite and the security of the con-leted as the security of the high security of the purpless, which were not incircled in the Jerselly Canon of Softpurer; and its in this finest S. Leptiment is to be understood, when he say. That the Jersey She looks are not pain the own Among the other inflience Winning. So

ARR.

There has been a great Dispute between the Romanills and the Reformed, about the Authority of those Books, row call'd, by the latter, Apertyphal's as, Judith. Tolst, Efficient, Maccabeet, &C. the one having the Opinions of many of the Primitive Fathers for their Vouchers, and the

many of the Primitive Bathers for their Vouchers, and the others, the Tradition of their Church.

M. Sinow concends, that they must have been read, in Greek, even by the Apostles themselves; which he inites from divers Pathages in their Writings—He adds, that the Church received them with the other Books of Seripture, from the Hellenift Jews ; and that if the Churche of Ps

from the Hilbsid Forex; and that if the Charche of Fge-liption never adminted them, "twas note for their accounting them diperaphial in the Gente the Word is now nied, has because they read once has what were write in Horrer. To this we oppose the Authority of a great number of many control of the Authority of a great number of many control of the Hilbside Internet the Books one will diperaphs, and those contained in the Foreige Canon-St. Fefara, in particular, it very fail upon the Head's real even iposks of his Ophica as the common Ophica on the Charles at the time Theoremson, and Middle The Tables.

APODICTICAL Argument, or Syllogifm, figuifics a Clear, convincing Proof, or Demonstration of a Thing. See DEMONSTRATION, ARGUMENT, See.

The Word is formed of the Greek and Susensus, I demonstrate.

The Word is term a or the Greek assessment, after I few clearly.

APOGEE, APOGEUS, in Aftronomy, that Point in the Orbit of the Sun, or a Planet, which is furthest distant from the Earth. See Orbit and Earth.

from the Earth. See Orbit and Earth.

The Afgege is a Point in the Heavens, at the Extreme
of the Line of the Apides; in which the Sun, or a Plants
is at the greateff Diffusee that it can be at, from the Earth,
in its whole Revolution. See April, Earth, Planer,

The opposite Point hereto, is call'd the Perigee. See

PERIGEE. The antient Aftronomers regarding the Earth as the And antient Attronomers regarding the Earth at 65 Centre of the System; chiefly confidered the Appear and Perige: The Moderns, making the Sun the Centre change the Appear and Periger for Appeal and Periger for Appear and Periger for Appeal on the Centre of the Centre

FFEM. The Aggre has a Motion; the Quantity of which is found by comparing two Obtervations thereof made at a found by comparing two Obtervations thereof made at a foundation of the control of the department of Years object between the two Obtervations. The Quantitations of the Aggree — Thus, from an Obtervation made by Hipparina in the Year before Carlli was whereby the Danis Aggreen was found by a yell of a modified the control of the c

another made by Ricciolus, in the Year of Christ 1646, wherein it was found 9°, 26°, of 26 3 the annual Motion of the Apoge is found to be 1°, 2°, Aroans of the Moon. See Moon.

AFOCKE Of the Equant, is its farthed Diffunce from the Earth; or that Point where the Circumference of the E-quant is interfedied by the Line of the Applies, in the remotest

ert of the Diameter.

So the Periges of the Equant is the opposite Point, of the nearest part of the Diameter. The nearest part of the Espicycle, is a Point where the Epicycle is cut above, by a right Lion drawn from its Gentre, to the Centre of the Equans, or the Point of the Epicycle most remote from the Earth. See Errev-

The Word is form'd of the Greek am, ab, from ; and on of pales, Earth-In the corrupt Latin, Apeger founctimes fignifies a Grutte, or fubrerraneous Vault.

APOGRAPH, APOGRAPHUM, a Copy or Transcript of

fome Book or Writing. See Copy.

In this feale the Word flands opposed to Autograph; as

In this fault the Werl thinds oppoind to Autograph); as a Copy to an Original. See Auroca art. First; a termed of ear, at, from, and years, at the last interest in the first of the art of the last interest in the last i Soul et Christ, and what the Greeks cill vis. Understand-ing, and from this Dillinstition took occasion to affert, and for inflationed a Soul without its Understanding, and that this Defect was supplied by the Word; the fource of his Followers held that Christ had no Soul at all.

Apollinaris further taught, that the Souls of Mca we Appailments nature: taugot, that the Soulis of Mon were prepagated by other Souls, as well as their Bodies—"The offerest charges him with confunding the Perions of the Godbedt; and with giving into the Errors of Schellins: and Bafils accords him of a bandening the literal fende of Scripture, and taking up wholly with the allegorical

This Herefy was very fubtile; it was condema'd in a Synod at Mesandria, under St. Athansflus, in the Year 362. It was fubdivided into feveral different Herofics, the chief whereof were the Polymians and the Antidromarianites. See Antidicomarianite

MIGS. SEC ANTIDICOMARIANTE.

APPLINARIAN Genes, in Antiquity, Ludi /pollinares,
were folemn Games held yearly by the Romans in honour of
the Gud -pollo. Sec Game.

The Tradition goes, that at the first Celebration here-of, they were suddenly invaded by the Enemy; and obliged to take to their Arms: upon which occasion a Cloud obliged to take to their Arms: upon which occasion a Gloud of Darts and Arrows falling upon their Enemies, the Re-mental from return'd Victors to their Sports. APOLOGETICAL, APOLOGETIC, fomething faid, or written by way of Excells, or Apology for any Action, or Perfon. See APOLOGY.

The spolegesic of Tersullian is a Work full of Strength The protection of territation is a work rail of Strength and Spirits itself as in all refereble became the Character of that Father——He there viabilizes the Caraltina from all that had been objected to thom, particularly trie alterniable Crimes fill to be perpetrated at their alternation of the control of the control of the country. The Grounds of this last Accuration, was their country. The Grounds of this last Accuration, was their refuing to take the accustom'd Carts, and swear by the tutelary Gods of the Empire—Tertullian addresses his Apologeric to the Magistrates of Rome; the Emperor Seve-

ras being then absent.

APOLOGUE, APOLOGUE, a moral Fable; or a feign'd
Relation, intended to inform, and amend the Manaers.

See Fair.

Such are the Fables of #fbp q whence, moral Fables are ufunlly denominated #fbpic Fables.

Jul. Scalinger derives the Name are \$5pm, \$6pm, instructs as the Apologue means femething more than what at first

fight it expresses.

Father de Colonia makes it effectial to the Mologon, that it contain what passed smoog Brutes; and distinguishes it from the Paradot, by this, that the latter, the 'tigord', might peffilly be true, which the former cannot, since Beastle cannot speak. See Paradot.

ACCLECIA ADMINISTRATION OF THE PROPERTY OF THE P fight it expresses.

APOLCGY, APOLOGIA, Defence; a Discourse or Writing in vindication of a Person. See Defence, Vindicax. 83c.

The Word is form'd of the Creek annapagane, I refine, APONEUROSIS, among Anatomiffs, the fipreading or Expansion of a Nerve, or Tendon, breadth-wife; in manner of a Membrane. See Negrey and Tenrow. It fomotimes also fignifies the cutting off a Nerve or Tenrow.

don And in fome Writers we find it used for a Ten don itself. See Tanpon.

The Word is compounded of the Greek are, al, from ; and street, a Nerve.

APOPHLEGMATISMS, are Medicaments, chew'd,

in order to draw away Phiegm, and Humours Head and Brain. See Masticatory.

Of this kind is Tobacco; which is as excellent as any, absting that it fpoils the Teeth; and Sage has almost the fame Virtues without the fame Defects.

Same virtues without the tame Detects.

The Word counts from the Greek and and galegan.

APOPHYGE, APOPHYGES, in Architecture, that pare
of a Column where it begins to fpring out of its Bafe, and
shoot upwards. See Column and Base. The sperityre, in its Original, was no more, than the wooden Pillars, to keep them from fplitting; which after-wards was imitated in Score-work See Orders.

wards was initiated in Sone-work Sec Orners.

The Word in its enginal Greek figuities (1985) whence
the French afficeall is Efficies, Congo, Ec. Sec Congos,
APOPHYSIS, in Antonyn, a Precedie or Perculorance
of a Bone; being a part eminent or jutting out beyond the
reft. Sec Bons, Process, Sec.
Such are the Reminence of the Versebre, the Omoplate,

Such are the Eminences of the Fertility, the Omoplace, Thigh-bore, Gr. Ger Varanzan, Guernarz, Gr. Lifthebore, Gr. Ger Varanzan, Guernarz, Gr. Lifthebore, Gr. Ger Varanzan, Guernarz, Gr. Lifthebore, Varanzan, Gr. Lifthebore, Warten Lander, Warten Lander, as far as the Gi-Carloppin, where they divide into little Piece, which yeld from those Bosert, and firred themselves throughout the upper part of the Nelsoc Chrarcovas Nurse, Norz, Gr. Gr. Gr. Arouvras Mausmillari, or Meliadeus, is also one of the external Eminences of the Gi-Varapina. See Parao-

The Word is Greek, and literally denotes a Production APOPLEXY, in Medicine, a fudden Privation of all the Senfes, and all the fenfible Motions of the Body, ex-cepting that of the Heart and Lungs; attended with cepung that of the Heart and Longs; attended with a great Departure of the principal Faculties of the Soul-See SansArton, Morton, 197.

Rediffer from a Gense, a Lethangs, and a Gense, in regard that in those three Differences, the Support is not for profound, nor all Scafation quite defirey'd. See Carus, Lettingarcy, and Gosta.

probable, not all occasion quite con-LETHARCY, and Comm.

It differs from a Symoofe, in that there is no fentible perceptible almost till Death. See SYNCOPE.

It differs from an Epilephy, in regard all Motion is not abelish d in that as in this; and it differs from the Pully.

instinuch as the Palfy is not attended with any Stuper, nor does it denrive the Patient of Senfe and Perception. See EPILEPSY and PALSY The Applexy may be occasion'd by an Interruption of the Passage of the Blood towards the Brain; or by any

thing that hinders the Influx of the animal Spirits into the Organs of Senfe, and the Parts of voluntary Motion: Some-Organs of Schite, and the Parts of readstry according some statement of the schize statement of the schize schize schize to a visibility of an advantage of Philogon, and of other three to a visibility schize schi See BRAIN.

See Brain.

In diffiching Perfors dead hereof, clotted extravalated
Blood is aftually found in one or both Ventricles of the
Brain. See Philof Pranafal. No '13, 315, EC.

Hip/cerates dillinguifaces two kinds of Apoplanies, the

one from, the other weak; only differing in the greater, or left Difficulty of Refpiration.

The more modern Authors d flinguish Apoplexies, from their Caufe, into Sungueneous and Primiteet; to which may be added Lymphoric, Pelypous, &c.

The Fit is dually preceded by a violent Pain in the Head, Dimness and Lois of Sight or Memory: Sometimes

read, Dramels and Loff of Slight or Memory: Sometimes by an aniverful Indelence: and forestimes by a Flux of piculious Matter by the Nofe and Mouth—— It is attended with a flooring and difficulty of breathing: fometimes with a Ferer, precip with a forming at the Mouth, frequently with a Sweet, Hemorrholds, or Diarrhora; and fo goes off.

To prevent an Apoplexy, Wine and hard Labour are to be avoided; no eating to excels; nor no fiveping after Din-ner: Exercise to be kept up, and Care and Chagrin to be

kept under. modelied within——During the Fit, replanse blending in the Jagulars to be uted, and the Fattert laid on his back; applying fitney Useful ten to the Note, before About 19 miles of the Temples with Cephalic Mixtures——A bo. Im may also be apply do eare the Vertex or Ceciput; an Entitythic to the Neck; to which are are to be added powerful Purgatives, Clyfters, Ec.

Cupping and Scarrification on the Head, are commended by fome in lieu of Venæfection.

on by some in lieu of vendection.

The Diffical functions degenerates into a Paralysia—
Sometimes only half the Head is stifted in which Cate
the Diffical is called Hemiplegia. See Haustracha, Sc.

The Word Appleys, comes from the Greek, downstries,
to firike or attentify this Difficamper firiking fuddenly, and,
si twere, like a Thunden-bolt.

to textuce attentity; that pilectings introduced the control of th

APORRHOE, AFORRHOES, in Philosophy, fulphureous Essiluvia or Exhalations, emitted from the Earth, and fubrerraneous Bodies. See Vapour and Exhalation. The Word is form'd from the Greek amogow, define, I

The Word as formed from the GFFRE awayses, sujues, a flow from. So Marberts, i.e.

APOSIOPESIS, in Rhetoric, otherwise called Reticency; a Figure, by which a Person really speaks of a thing, at the Came time, that he makes a show as if he would say nothing of it. See Reflectment.

The Word comes from the Greek denowals, tacco, re-

APOSTASY, a deferting or abandoning of the true Re-

ligion. Sec RENEGADO. Among the Remanift, it also fignifies the forfaking of a religious Order, whereof a Man had made Profession; with-out a lawful Differentation. See ORDER, Eff. t a lawful Difpenfation. See Onder, &c.
The Antients diffinguish'd three kinds of Apolacy;

The Antients diffinguilly d three kines of Afgifacy; the first, a Supercorgation, is committed by a Priest or Religious, who abandons his Profession, and returns to his Lay State; the Second, a Mandatis 19th, by a Person of any Condition, who abandons the Commands of God, the Lay otate; the fecoud, a Mandatii Dei, by a Perlon of any Condition, who abandons the Commands of God, the he reath his Faith; the third, a Fide, by him who not only abandons good Works, but also the Faith.

There is this difference household of the faith.

There is this difference between a Apoflate, and an Heretic; that the latter only abandons a part of the Faith, whereas the former renounces the whole. See Hearrie. The Word is borrow'd from the Latin Apollatare, to de-

The Word is isomood from the Latin Applicator, to the fifthe or violate any thing. Hence **Applican** Legat, sackedy lignified to transforch the Latin. — Dut light Application to the Common Latin. The Common La

APOSTEME, APOSTEMA, APOSTEME, in Medicine, a preternatural Tumor; call'd also Abstess and Impositione.

See Asscess and IMPOSTHUME.

See Assess and INFOSTRIUMS.

The Word is form'd of the Grock angues; which comes from the Verb assesses, abjectore, to depart from one place and fix in another; alluding to the manner wherein the Tumor is ufuelly form'd of a translated Humor. See Dr.

Tumor is utually norm det a translated Humor. See Dr-RIVATION, FLUXION, REVULSION, ÉE.

APOSTLE, APOSTOLUS, q. d. Europ or Meffinger; a 3 Dilátiple of Jefus Christ, committion d's phim to presche his Golpel, and propagate it to all the Paris of the Earth.

So. Carlos in Surveyant in was the Fars of the Beth.

So. Paul is forestern fault the Applie of the Gentlat, by read on in Minimore, and the Applie of the Gentlat, by read on in Minitile World, as the OS. Peter was for the Appear.

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The Word Applie, arrown Or, originally figuities a Person delegated or from a from the Verb assession, mittee In which Sense it occurs in Herodestet, and other prophase Author.

Hence, in the New Tetlament, the Term is applied to divers forts of Delegates; and to the twelve Dilepton.

to divers forts of Delegates; and to the weeke Dilegate by way of Eminetics.

In this Serie, certain fails Preachers of the Gefgel intentively disputed Paul his Quality of Applet's; by reads to the Capital sections of the Geffel in the Capital section of the Capital section, could be failst to be feet by him——In antens to these frophittless Delectes, who had delected the Chestal of Galaties; he begins his Epille to 'con with takes (of Galaties; he begins his Epille to 'con with takes (wed, of Galaties; he are of Allow are by Mahn, her is yill and the Capital and Apple, as of Allow are by Mahn, her is yill and the configuration of the Capital and the Capital and the Capital section of the Capital and the Capital section of t

was a true spofile.

was a use of polit.

The name opplit was also attributed to the ordinary and the name opplit was also attributed to the ordinary and the name of the ordinary and prima, now primary and prima, now provided the name of the n his Wants, Chap. H. s 5.

Aposter is also used for a Person who sirst planted the

Anorre is also field for a Petroson.

Chriftia faith in any place.

Thus St. Diesoftai of Carinth is called the Applie of The Indies, \$50.

In the Label Indies, the Foliat Mittoanties are also carls

to the Label Indies, the Foliat Mittoanties are also carls

In form Age of the Church, the Pope was afte decroninated. Applies See Mean. Applies. Lib. VI. Ep 4. See

Applies. See Mean. Applies. Lib. VI. Ep 4. See

salle Forz: and Avarovate Ar.

In the Greek Littage, Aroux at is particularly used of the
Epitities of St. Paul, printed in the Under observed they are
to be read in Charles, then' the Courted of the Zerraton to read of Londons, then' the Courted of the Zerraton of the Courted of the Co

fice that the Law were duly oblived, and to receive the Monies collected for the Reparation of the Temples, and the Tribuse payable to the Remain—Politic Probability Code, Lib. NIV. De Judiels, calls Supplies, and acquire data across a superior and Patriorche cere University data across a superior and Patriorche cere University diseases. The Poss call de — polyty, Schelliche, q. d. Bowys, Melfragers. Julian the Apolitac resistent the Fores the Apolita, he-ces y that it, as he limited explains it, the Tribuse they had been execution to to fast film.

had been accustors a to tend own.

Thefe Applets were a degree below the Officers of the
Synagogues call'd Patriarchs, and received their Commitfiers from 'em.——Some Authors obferve, that St. Past
had bore this Office; and that 'tis this he alludes to in the had bere this Office; and that 'tis this be alludes to in the beginning of the Epithle to the Galatians: as if he last faid, Past, no longer an Appille of the Synapogou, or feet thereby to maintain the Law of Mofet; he new in Appille and Energy of Jefus Chrift, eff.——at. Grean, the does not believe that St. Paul had been an Applic of this kind; yet imagines that he alludes thereto, in the Paf-

tage just circl.
In the African of Brownen there are twelve large Heren's
Canton call'd the twelve Applies on a Supposition that
the whole World must be convinced, and acquirece in the
Preachings of find Applies.
APOSTOLIA, Average case, Average us, timething that belongs the Applies, or defends from these
Thus we fix the Applies and Applies.
Thus we fix the Applies and Applies and Applies are
Thus we fix the Applies and Applies and Applies.

Sec Anortes.

Thus we is yet he Applicated Age, Applicated Deliran, Applicated Charteler, Sec.—The Konnegit; call better Church, the Carbot and Applicate Church, and have been applied to the Church, and have been seen with it by feveral other Churches. In the Primitive Church, the Application Applicate artificated to all fach Churches as were founded by the Applica, and even to the Billings of their Church, the Applicate, Applicate and even to the Billings of their Churches, as the ing the reported Succeifica to the Application, Application and Considered to long via Known, Assemblas, Applicate, Applicate and Considered to long via Known, Assemblas, Applicate, Applicate Applications, Application, A

In After-times other Churches affumed the fame Quality on account, principally, of the Conformity of their Doctrinwith that of the Churches which were Apolloised by Foundation, and because all Bilhops held themselves Successors of the Apolitics. See Bishor.

of the Apolites. See Brisson.

The fift dies the Term Applicial is attributed to Diberg, some the Term Applicial is attributed to Diberg, some the Term Applicial is attributed to Diberg, so the Term Application of the Council of Diberge and the Term Application of the Application of Term Application of Majon, sufficient of Majon, and the Term Application of Majon, and the Term Application of Term Applic

dria, Antioch and Jerufalem falling into the hands of the Sarazem; the Title Apostelical became restrained to the Pope and his Church alone --- Tho' fome of the Popes, as St. Gregory the Great, not contented to hold the Title by this Temure, began, at length, to infile, that it belong d to "em by another and peculiar Right, as being the Successors

of St. Peter.

And hence a Legion of Apollolicals : Apollolical Sec., Apollolical Nuntio, Apollolical Notary, Apollolical Brief, Apo-

fielded Chamber, &c.

APOSTOLOGI, call'd alfo Aposton, and Apostons, a Name affilm'd by two different Sects of Hereticks, on a Name affium of by two different Sects of Hereticks, on account of their pretending to iminate the Manners and Practice of the Apolites. See Avertes.

The first Applehic, otherwise, call'd spotalities and spotalities, role out of the Enerative, and Cathery in the 111d Contrary. They made profession of abilitating from Marriage, and the use of Wine, Flesh, Money, Ge. See Avertee.

and the ute of water, richin, remery, g.c. dec Arbac-Titrs, Encaditra, g.c.

The other Branch of Apploide were of the the XIIth Contray: Thele also condemned Marriage, but allowed of Concubings; fetatified the ute of Bayutin s, and in many things imitated the Manichest. St. Bernard wrote against

em. APOSTOLORUM Unquentum, the Apofiles Ointments, in Pharmacy, is a kind of detergent, or cleanfing Unquent, composed of twelve Drugs; the Number of the Apofiles, whence its Nume. See UNCOLENT. It was invented to where its Name. See Uncursor. It was invented by Acieums, and sotherwife called (Ingentum Venezit.)—
The principal ingredients are Turpentine, Refin, Was, Cun Ammeriae, Birth wort Root, Ollhamm, Medillum, Solid (Oliveand Vinegar. See Detracture, Cri. AFOSTROPHE, in Rheorie, a Figure, whereby the Oriste, is an extraordinary Commercies, turns in Difficurit from the Audiosce, and directly to Gene chet Perfon, or

thing. See Figure.

Thus Cicro, in his Oration for Mile, addresses himself to the Great Patriots who had shed their Blood for the Pub-lic; and calls em to the desence of his Client. So the same lic; and cause "em to the defence of his Client, So the fame Orator in his first facilitation affects himself is Oppstier the Protectic of the City and Empire, and beforehe him to re-pl the Particle, 15°.

"The Applicable is frequently also address' d to Inanimator, as Tembs, Monuments, Defuelts, 45°.— Clere's App-fraghte to Timbere, in his Oration for Ligaritat, is judged one of the finest Pathgreen in his Worst.

That Apostrophe of Demostheries, wherein he addresses That Applies by O Demogliesner, wherein he addecles himself to the Greeks Bain as the Battle of Marathon, is famous. Cardinal Perron lays, it has procured the Orator as much Glory as if he had rais d'em from the Dead.

The Word is Greek exceppe, averyon; form'd of axe, ab,

The Word's Greek excepts, seering from 60 arts, as, from, and cytes, word, 1 turn. In an Accest or Charaller, blaced over a Letter, in lieu of a Yowel, to chonce that the Wowel is cut elf, and not to be promounced. See Accessed and Chranacters. As in Letter for Event Theorem 12 letters and Chranacters. As in Letter for Event Theorem 12 letters and Chranacters. As in Letter for the Chronic Record Letters and Chranacters. As in Letter for the affection of frequent Letters and Chranacters. As in Letters for Letters and Chronacters and Chronacters and Chronacters. As a percent Asset. See Associated as a percent Asset.

a great Abufe. Soc ANOMALOUS.
APOTTACTITIE, or ANOMACOUS.
APOTTACTITIES, and printive Chriffians, and the Examplesof the Apottles, and printive Chriffians.
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APOTTACTI nomed all their Effects and Politifices. See Arsevertist. It does not appear that they gove into any Errors during It does not appear that they have the they had been they had divert Hely Yurjus, and Marryen, under the Percention of Divicipien, in the IVIN Cennay: but they attended fell into the Herely of the Executive, and sugglet streamed fell into the Herely of the Executive, and taught and the second of the Herely of the Executive, and the Consult and Advice, but of Percent and Necotify—And hence the Chuminate Herely and Necotify—See Section 1997 to Provide the Committee and Artifacts. See Executive With the Committees and Artifacts.

The Word's form'd of the Greek erorases, or exercile,

APOTHECARY, a Perfon who practices Pharmacy, or that part of Physick which conflits in the Preparation and Composition of Medicines, See PHARMACY and MEDI-CINE.

Nich. Laugins has wrote a large Volume expectily a gainst the Aporthearies, their guid pro quo's, Ignorance in the Materia Medica, and suffering themselves to be so essiby imported on by foreign Merchants, Druggitts, &a. who fupply om with adulterated Drugs, one fort for another, old Effecte exhaufted ones, for new ones just imported from

od Effect exhaulted oxe, for new area jul Imperent dism the Lawart, & See Dava, Qurry profites, &c. The Apothecaries in England are deligide to make up their Medicines, according to the Fermina's predicted in their Medicines, according to the Fermina's predicted in the College Differentiatory. See DISTENSATION, OPTIONATION, OPTIONATIONATION OF THE PROPERTY OF THE P

gen, and four in all the Kingdom beside: What would be have faid of London, where there are upwards of 1300? The Word is derived from the Greek & 100 ins, Shop, by

The werd is derived from the Gyper appears, onep, of way of Eminence.

APOTHEGM. See Approximates.

APOTHEOSIS, in Antiquity, a Heathen Ceremony, whereby their Emperors and great Men were placed among the Gods. See Gon.

the Gost. See Gon. After the specificity, which they also called Drifession and Conference in Temples and Alasza were creded to the new Derity, and Sacinifice, Sci. of first of him. See Draws-CATION, CONSECRATION, ALTAR, SACRIFER, IS. It was one of the Declinic of Princeposas, which he had borrow'd from the Chaldres, that various Perfoss, since their Death, were rais'd into the Order of the Gods. See

PYTHACORIANS. And hence the Antients deified all the Inventors of things

useful to Mankind; and those who had dene any important Scrike to his held and not who had dene any important Scrike to the Commonwellth——Thering reposed to the Roman Sense to he protection of Jefus Christ, as is re-lated by English, Tertulaten, and St. Chrypfon. Javenal rallying on the frequent Apolycofi, introduces poor Allai, complaining that he was ready to fink under the Burthen of fo many Gods as were every day added to the Heavens.

Street a ridicules the Aporteofis of Claudius with admirable Sinces ridicules the Speakoglis of Canadim with admirable Humourt—Hermálin, in [valing of the Speak off of Skeovern, glvc as a very curious Defeription of the Ceremonics wild in the Speakoglis of the Reinter Emperors—After the Body of the deceated Emperor, fays he, had been burn with the utils Solomnines, they placed as Image of Wax, perfectly life blim, but of a fixely Afpect, on a large set of two; occurred with Circle of Gold, in the Vettibulis

they peliffiéd it, dat he was doud.

This dooe, he young Gentren and Raman Kuights take
the Bedol State upon their Shoulden, earying it thro'the
PFG Aders, who the Mighirates wore
PFG Aders, and the Mighirates was
to be the state of the state of the state of the state
it down between two kind of Amphibiteures, in the new
where for the Yorks, and the shoulden the best of the
first Families in Rens, singles Hymns fet to slowm Air, in
partie of the decested. The Hymns coded, the Bed
is carried out of the City into the Campin Marrier, in the
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interval out of the City into the Campin Marrier, in the
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"It is the state of the st the Infide whereof is full of combutible Matters, and the Outfide hung with Cloth of Gold, and adorned with Figures

of Ivory, and various Painting

Over this Edifice are feveral others, like the first in Form Over this fictine are teveral others, like the first in Form and Decoration, but lefts; always diminishing and growing stenderer towards the Top——On the second of these is placed the Bed of State, and a great Quantity of Aromatick, Perfumes, and odorsferous Fusirs and Herbs are thrown all around a after which, the Knights make a Prothrown all srounds a fire which, the Knights make a Fra-cedition of excision in footm Mexicures around the File, General Chariton allo run round it, thoft who condict them being side in purple Rocks, and Learning the Images of the Heinglied in Purple Rocks, and Learning the Images of the This Germony ended, the new Engreur comes to the Constitution of File, with a Tracks in his Hond; and at the function, fine is fort to it, o and Siders in Spices and While this I dough, they let By from the Trap of the Building, an Engle, which meaning use the Art with a Five brand, carries the Soul of the dold Empores along with it into Heaven, as the Rocean builties I and though fine, that the Mexicus, as the Tong of the Con-

fon, that the Medals, wherein Aparbooks are represented, have usually an Altar with Fire upon it; or however, an Hagle taking its Flight into the Asr, and formerimes two Eagles.

The Word Apotheofic is derived from the Prepofition and APOTOME, in Mathematicks, the remainder or difference of two incommensurable Quantities. See INCOMMEN-

An percent is an irrational Refidue, as C B, ari-fing, when from a rational Line AC, call'd s, you cut off a rational part A B, call'd b, only commensurable in power to the whole Line A C—It may be expref--A

fed thus, a-Vb APOTOME, in Musick, is the Part remaining of an entire Tone, after a greater Semi-tone has been taken

from it.

om it. See Tonk and Semi-Tonk.
The Proportion, in numbers, of the sporame is, of 2048

Sco DEGREE. to a 107. See DEORE.

The Greek thought that the greater Tone could not be divided into two equal Parts; for which reason they called the fift part à Tuh, and the other single; in this, initiating Pathogo is and Flato.

The Word I deriv'd from the Greek Verb and now, abto 2187.

indo, I car off.

APOZEM, in Medicine, a Form of Remedy, otherwise

APULEM, in Medicioc, a Form of Remedy, otherwise Civil a Decention. See Dexocrison.

Moneson are a Listo ol liquid Medicines, composi de Decedita on delucer Plante, Roste, Flowers, Leaves, Fruitr, and Scode, facetted and clarified.

It differs from Syrap, in Thistheach and Conflictnes the Syrap being mare deale and visious than the Apraeos. See

Syaop.
It differs from a Julep, in that it is thicker and more vifents; and is not made with diffill'd Water, as Juleps are, but only with Develtions. See JULEP.
There are purging Apazent, Cephalic Apazent, Hopatic

The Word is derived from the Greek and in, defervefts, I grow hor, I buil

ROWNO, I BUL.

APPANN GE, AFTENAGE, ÁFFANACE, OF ÁFENAGE, the Fortune of a King syounger Son: or a fettle Pertien of Lands, &c. slipped for the Subfiltence of the Cadets, or younger Sons of a Sovereign Frince. See King,

The younger Sons of England have no certain Appan ges, as in France; but only what the good-pleafure of the King beflows upon tem. ace Painer, Sc.

Even in France, during the first and second Races of

Kings, the Right of Primogeniture and Appanages were unknown; but the Domains were divided pretty equally among all the Children. See PRIMOGENITURE.

mong all the Children. See Princetex 17 or 8.

Great Inconvenences arising hence; it was at length found proper to pat off the youn er born with Counties, Dutchies, or other-Dittricks; on condition of their paying thomage and Feative for the fame, and of their reverting in defect of H. im Maic, to the Grown.

This has happened accordingly to the first and found

delete of H. is Male, to the Crown.

This has happened accordingly to the fir3 and fecond
Branch of the Dales of Burgundy——The Durchy of
Orleans is the **pennage of the record Son of France.
Niced and **Alenage derive the Word from the **Latin
Pantis, Brend, which frequently includes all other forts of
Provision acceptary for Subdifference. **Dur Cargo tales is to

Provision necellary for Subsilience. The Carge takes it to have been formed of the blad Lesian, Spanare, Apanassan-trans, and Apanagram, which amounts to the fame thing; those Words, being appractedly formed of passis. APPARATOR. See Aryantron. APPARATUR. See Aryantron. APPARATUR, properly figuifies a formal Preparation for fome publick and follom Adion. See Parana-

Thus we fay, the Apparatus of a Feaft, Coronation, &c. The Prince made his Entry with great Apparatus and

Magnificence.

Magnification and Arganization of the Utrafis, and Appendiggs belonging to from more confidentials Machine—
Arganization of the more confidentials Machine—
Arganization of the Magnification of the Machine Market Arganization of the Machine Machineson, and Design of the Confederation of the Machine Machineson, and Design of a Party or the life. See Weekey, Ucras, \$60.

There is so plagged of the Quality of a Plant, all sides of the first Arganization of Arganization of the State of the See Weekey, Ucras, \$60.

There is no plagged of the Quality of a Plant, all sides of the first Arganization of Arganization of the State of the See Services and Covernies.

There are three form of "Apparatus," such the Machine M

the Article Livercoux.
The high Apparatus, fail to have been invented by De Pranos, is repaired the most autent; the little utfol among and the Company of the Pranos is repaired the most autent; the little utfol among and the Lines Allen, into the Fand of the Bladder; throwhich the Stone is extracted.
The great Apparatus, insented by Fishe de Remenis, a Phytician of Coranna, in the Year 1901, by retirond by making an inclinion to the Terranosa. See Pranta avail.

It is denominated great from the number of Inflraments

need in it.

The finall Apparatus, thus call'd from the few Infiguration and the few Infiguration of the Infig

AFFARATUS is also used as the Title of several Books composed in form of Catalogues, or Dictionaries; for the and Conveniency of Study.

Easte and Commences, of Study.

The Apparatus upon Gierro, is a kind of Concordance, or Collection of Ciceronian Phrases, See.—The Apparatus Sector of Possevisms, is a Collection of all kinds of Eccle Statical Authors printed in ster, in three Volumes—Glob fairies, Comments, See. are also frequently call'd Apparatus, or Comments, See. are also frequently call'd Apparatus of Comments, See.

APPAREL, or APPAREL. See APPARATES.
APPARENT, that which is viffice, evident to be Eye, or the Understanding. See APPARANCE.
Her APPARENT, that which is viffice, evident to be Eye or the Understanding See APPARANCE.
Her APPARENT SEE APPARE

Sec Angle and DEGREE-The apparent Mignitudes of diffant Objects are afusly faid to be as their Diffances, reciprocally. See the Articles VISITEE and VISION.

Injuriences, however, it may be demonstrated, that the spracest Magnitudes of the same Object AC, (Tab. Orvies, fig. 6t.) feen at different Diffances, viz. at the Places D and B; that is, the Angles ADC and ABC are in a Rato lefs than the reciprocal Ratio of the Diffances DG and BG;

jets han me reviewed Ratio of the Diffunces DG and BG, but when the Object is were remote, one, when the Osite Angles ADC and ABC, are net above one or the Degree, are nearly in that Ratio reciprently. But the Company of the Company Planet, is the Quantity of the Angle that their Diffunction of the Company Planet, is the Quantity of the Angle that their Diffunction appear under, to an Observe on the Sarface of the

The apparent Diameters of the Celefical Luminaries are fubject to fome Diverfity—That of the Sun is observed to be least when he is in Cancer, and greatest when in Cancer. pricern. See Sun. In the Moon there is a twofold Increase and Decrease of

her appearent Diameter; the one, when she is in the Con-jurction, and Opposition with the Sun; and the other in her Quadratures.

The greated apparent Dismoter of the Sun, seconding to Collins, is a 's', o', and the least 3s', 4s', ...-According to Collins, is a 's', o', and the least 3s', 4s', ...-According to Collins, is a 's', o', and the least 3s', 4s', ...-According to Collins and Collins of the Sun, and the least 3s', co', and the Collins of the Sun and Sun

Planeters will be in a Ratio compounded of the died Ratio of the Diffances, and of the direct Ratio of the st rest Diameters.

pareur Diameters.

There is a further very observable Difference between the appareur Magnitudes or Diameters of the Sun and Moan when in the Horison, from what they are in the Merddin; the reason whereof has long perplexed the Philosophers. See Moon

APPARENT Place of any Object, in Opticks, is that wherein it appears, when feen three one or more Ghilles See Place, Optick Glaft, Co.

See Place, Obritos Gish, Ce.
The Appears Place is different from the real one is when, by Reinstellon than Gistles, that parcel of key when the place is different from the real one is when the place of the place o

Lye mun necessarily one the Place of the Object changes is the Change is its Apparent Place. See Vistow. If an Object be placed nearer to a convex Glaft to the Diffance of its Focus; its Apparent Place may be tremited: But if the Object be in the Focus of the Glaft to the Least Apparents of the Object cannot be determined; and in the Least Apparents of the Object cannot be determined. only that it will appear vaftly remote,

Not can the Loren Apparent to determined, if the Ob-bit Sequent to the Declaration, on indicate to make it is to be beyond the Kinder of aconex Glift, than its highly be framed miles and account Glift, than its Limited the beyond the diluted balls. See the Armine of the Commenced two ways, ofther by Wife, or see, and the Eye to be read to the district balls. See the Armine of the Commenced the ways, of the Eye Commenced by him, facility Riverse, With I was a work of the asset, and the Eye of a Serve, U.C. in a Found in the Sedice. Not can the Locus Apparess be determined, if the Ob-ject be beyond the Focus of a convex Glafa; But if the Object be further diffant from a convex Glafa, than its Focus, and the Eye lie beyond the diffinith Bafe, its Af-parent Place will be in the diffinith Bafe. See the Article Lans.

Apparent Place of a Star, &c. is a Point in the Surface of the Sphere determined by a Line drawn from the Eye, throe the Centre of the Star, &c. See Place.

The true, or real Place, is determined by a Line drawn from the Centre of the Earth, through the Star or Planct,
APPARENT, or fenfible Hortzon, is that great Circle
which limits our Sight; or the Place where the Heavens

which mans our signty or the Piace where the Heavens and the Earth feem to meet. See-Horizon.

It may be conceive as a Cone, whose Verex is the Eye, and its Base the circular Plain which terminates our Profpect——It determines the Rising and the Setting of the

spect——It determines the Riling and the Setting of the Sun, Moon, or Stars. See RISING, SETVING, 35r. Hongardion, is when the right Line supported to be drawn thro the Centres of two Plances, does not page thro the Centre of the Earth, but thro the Eye of the Spechator. See CONJUNCTION.

APPARENT Motion, Time, &c. Scc Motion, Time, 8

APPARITION, in Aftronomy, a Star or other Lumi-

nary's becoming visible, which before was hid - In this fense the Word stands opposed to Occultation. See Oc-The Heliacal Rifing is rather an Apparition than a pro-

Per Riffing. See HELIACAL.

Circle of perpetual Arranition. See Cincle of per-

petual Apparition.

APPARITOR, or AFFARITOUR, or AFFARATOR, a
Besdle in an University, who carries the Mace before the
Mafters and the Faculties. See Brades and University

SITY. APPARITORS are also Messengers, who cite Men to appear in the Ecclesifical Courts. See Summons, Sum-

MONER, CITATION, U.S. Among the Romans, Apparitors were the fame with Among the Romani, Apparitor's were the fame with Serjeants or Tip-daths among us; or rather Apparitor was a general Term, and comptised under it all the Ministers and Attendans of the Judges and Magistrates, appointed to receive and execute their Orders—And hence, they fay, the Name was derived, viz. from apparere, to be

jay, the Name was delived, note that apparers, to be in waiting.

Under the Name Apparitores were comprehended the Seribe. Accoss, Interpress, Pracouse, Vistores, Lillores, Servis Publici, and even the Carrisfors or Hangmen. See SCRIBA, ACCUSAL, U.S. CARRISTON, W. Fred Mer. of the

SCRIBA, ACCENSI, UC.
They were studily chosen out of the Freed-Men of the
Magiffrates; and their Condition was held in so much Contempt, that as a Mark of Igoeminy, the Senate appoint
a City that had resolved from them, to sureight them with

Apparities.

There were also a kind of Appariture of Coborns, call'd Cobornist, or Conditionaties, as being streated as a Cohort, and Cobornist, or Conditionaties, as being streated as a Cohort, or Governors of Provinces; and who, on their Masser's Coborn, and Correctors of Provinces; and who, on their Masser's Philiphay, were always changed and prefer due better Philiphay, were always changed and prefer due better Philiphay and Cohort of Coh Appia: APPARITORI

PONTIFICUM

PARMULARIO. APPEAL is used in Common and Civil Law, to fig-nify the removing of a Cause from an interior Judge to a superior; or the having recourse to a superior Judge to rectify what is amis in a Sentence pass'd by an interior.

rectity what is amils in a Sentence passed by an inferior. See Jupon and Court.

Appeals lie from any of the ordinary Courts of Justice to the Houte of Loods, who judge on dernier Resport; i.e. no Appeal lies from 'cm. See Ressort, Parliament,

There are Appeals from Ecclefishical Juffice to Secular.

The firl Initiace is that of Paulus Samplatenss, who being condemed and depeled by the fectord Council of Astrock, related to furencer the Epitepal Hoste to Domnas, who had been clefted his Succeller; and appealed to the Emperor

APPEAR is also used in Common Law in the same fense

AFTRALE is allo used in Common Law in the fame funde sea scaegates among the Cuttlann. See Accustarions—For, as in the Civil Law, Cognitance of criminal Calcus in the Civil Law, Cognitance of criminal Calcus in the Civil Law, Cognitance of Common Law Co

be recorded.

Appeal by Bill is, when a Man of himfelf gives up his Acculation in Writing to the Sheriff or Coroner; officing to undergo the Burden of appealing the Person therein

named.

This Practice is drawn from the Normans, as appears from the grand Custemary, wherein is a foleron Discourse both of the Effects of this Appeal, via. the Order of the Combat, and of the Trial by Inquest; which, by our Law, is in the choice of the Defendant. See TRIAL, COMBAT, INQUEST, So

Appear of Maybem, is an accusing of one that bath maimed another—But this being co Felony, the Appear thereof is but in manner of an Action of Trespass; so that

there is nothing recover'd but the Damages.

Bratton calls this Appellum de Plagus & Mahemio, and has a whole Chapter of it.

In King John's time, there is recorded an Appeal against a Jew, qui fecit ementulari quandam Nepatem fuum.

Appeal of verong Impriforment, is used by Bracton for an Action of wrong or falle Impriforment. See Action,

APPRAL is particularly used for a private Accusation of a Murderer, by one who had Interest in the Murder'd Par-

a Muschere, by one who had lettered in the Muscher'd Party, or of any E-ben by one of his Accomplica in the Fact.

If an Appeal of Muscher or Felowy be fined by any common Felon against a Feer's he final the tried by Gommonra, and not by his Peers. See Parts, in call'd the Appeal the Accomplication of the Commonra, and not by his Peers. See Parts, in call'd the Appeal the Appeal that the Appeal that is and the Perform appeal'd, the Appealor.

APPEARANCE, the exercise Sortice of a Thing's or that which fattl fifthes the Scale, or the Imagination. See

EXTERIOR and SURFACE.

The Academicks maintain, that the fensible Qualities of Bodies are only Appearance; and the like Doctrine is held by fome later Philosophers. See Academick and beld by fome later Philolophers. See ACADEMICR and QUALITY. See alfo Boov, EXTERNAL World, Etc. Our Errors arise chiefly from a too halfy and precipitate Affent of the Will, which sequiefices too easily in the Appearances of Truth. See Will, LIBERTY, ASENT,

APPEARANCE, in Perspective, is the Representation or Projection of a Figure, Body, or the like Object, upon the Peripective Plane. See REFRESENTATION and PROJEC-

Esson, Esc.

The oppearance of an objective right Line, is always a light Line. See Paras acrivs.

The Appearance of an opake Body and a Luminaty being given, to find the Appearance of the Shadow; for

SHADOW. APPEARANCE of a Star, or Planet. See APPARITION APPRARANCES, in Aftronomy, &c. are more usually call'd Phonomens. See Prantomens.

In Opticks, we use the Term Direct Appearance, for the View or Sight of an Object by direct Rays, without either Refaction or Refection. See DIRECT and RAY. See also Ortices, Vision, &c.

To face APPRARANCES, is to discharge one's Duty seemingly, or acquit himself of the Formalities and Exter-nals thereof; so as to save his Character, and avoid the

giving of Scandal or Offence-

giving or Scandas or Omerice.

Affect Ansacc, in Law, is the Defendant's engaging to answer a Caulio or Afrian extered against him in forme Court of Judicature. See Aervors, Pacocas, IG.

Affect Ansaccas, in the King's Betch, is the Defendant's him either of Common or Special Ball, if the Aftlon be by Bill—If it be by Original, the Affect are with the Philaser of the County where the Arret was. So with the Philaser of the County where the Arret was. So BAIL, BILL, PHILARER, &c.

BAIL, BILL, PHILADAR, &C.

After anea, in the Common-Pleas, mult be curred with
the Pfilater there; but if it be by Bill, with the Probeneury, Ber Parvisourtant, G.

Bernard, a common Name; at a Name which belongs, or is repplicable to all things of that inds. See As as and Novus.
Such are the Names, Man., Aprel, Harp, Pleast, Tron. See,
Appellatives than opposed to spore, Name, which beleag only no Individuals ja at Peter Gisterid, Bunchphain, See
See Thoras Name.

See Thoras Name.

The Word is form'd of the Latin, appellare, to call, APPENDANT, or APPERTENANT, in Law, is under-Good of fuch things as by time of Prefeription have be-

longed, appertained, and been joined to fome other principal thing.

Thus an Holpital may be appendent to a Manor, a Com-

mon of Fifhing to a Freehold, &c.

APPENDED Remediet, APPENDA, fuch as are outwardly
applied, by hanging about the Neck.

Such are divers Amulets, Necklaces, Phylacterios, &c.

Sec AMPLEY.

The Word comes from the Latin ad, and fende, I hang to.
APPENDIX, or AFFENDACE, a thing accellary to, or
dependant of, another. See Accessors, Ec.
The Term is chiefly utile in matters of Literature, for
an additional Difcourfe, placed at the end of sny Piece, or
White it is a smaller or seefence forcetting there left defisny Piece, or here left defi-Writing; to explain or profecute fomething there left defi-cient, or draw Conclutions therefrom——In this fenfe the Word coincides with Supplement. See Supplement.

ciem, or draw Conclusions therefrom——In this fenfe the Word coincides with Supplement. See SuprelaxMeatur. Aprendit of the Suprelax of Sup

APPENDIX is particularly used in the same sense with hiphysis. See Erirhysis. APPERTINANCES, or APPURTENANCIES.

APPUBLICANCIES APPETITE, AFFETITUS, AFFETENCY, in Philosophy, a Defire of enjoying fomething wanted; or a Compla-

ency in the Enjoyment of a thing prefent. Some Philotophers define it more generally, a Passion of the Soul whereby we define fomething; or a Propensity or Impulse towards any thing apprehended as good. See Pas-

The Schoolmen diffinguish Appetite into Voluntary and Natural—The first is the Will itself, acting under a competent Knowledge or information of the thing in hand: competent Kowelege or Information of the thing in hand is Such in the Applica or Defice of being happy—The fi-could is a kind of inlind whereby we are mechanically the property of the property of the property of the Witt, NATWAL Administra, 45°. Natural Applicit is faddwided into Contoglially and The Word confirmation of the American American Applicance of the American Contoglial and American Contoglial Integer, or Therif. See Illevs an and Tirasy. A Loft or Prolition of Applicat, is called American A Loft or Prolition of Applicat, is called American A Loft or Prolition of Applicat, is called American the American Contoglial and A Loft or Prolition of Applicat, is called American the Australia of the American American Contoglial and Action Prolitical Contoglial and American Contoglial and Action Prolitical Contoglial

See ANOREXIA. An immoderate Appetite is call'd Bulimia, or Fames Caging. See BULIMIA

SIME. See BULINIA.
Some, however, diffinguish between the BARMA, and
Canine Appetite; making it the diffinguishing Character
of the latter, that it is attended with a Lientery, or other
Cerliacal Flux. See CANINIA.

Consell Finx. Sec Caninx.

A propolerous Appetency of things not proper for Food, is call'd Piess. Sec Pica.

APPIAN Way, in Antiquity, Via Appia, a celebrated Road, leading from the Porta Capina in Rosse, to Brind Aughon, at the farthelf Eaftern Extremity of Italy. Sec

ROAD and VIA.

Rean and Vis.
It took its Name from Appin Claudius, by whom It was
made, during his Cerdefline, in the Year of Reme 241it fill thibits in many places; being paved, not with hirde
Stones or Pebbles, like our Streets, but with large IligStones, like the Payements of our Churches.
APPLAUSE, properly lignifies an Approaches of fone
thing winterfel by elipping the Bands.

he Word is ferm'd of the Latin Applaufus, or Plaufus,

The Word is term to at the Latina Application to the Verb planders, to class.

The antient way of applianding by clapping the hands, is fearer retaind any where but in the Colleges and The street—Such a Tragedy was afted with great Appliange; Such a Student maintain d a Thefis with Applaufe; See. See

ACCLAMATION.

APPLE. See FRUIT, ORCHARD, &c.

APPLICATE, APPLICATA, Ordinate Applicate, in Geometry, is a right Line drawn a-crofs a Curve, fo as to biffest the Diameter thereof. See Curve, Diameter,

Applicate is the same with what we otherwise call Ordi-Sec ORDINATE

APPLICATION, the Act of applying one thing to another, by approaching or bringing them nearer together.

Motion is defined by a fucceffive Application of any thing

Motion is defined by a functive Application of any thing to different parts of Space. See Morion.

The Application of a Veficatory to the Neek or other part, produces an Irritation of the Bladder.

The true and only Secret in Physick, is how to apply a

Medicire, not how to make it Application is also used for the adjusting, accommodating, or making a thing quadrate to another. See Ac-COMMODATION

Thus we fay, the Application of a Fable, &c. See Fa. Application, in Theology, is particularly used for the Ast whereby our Saviour transfers, or makes over to us, what he had carned or purchased by his holy Life, and

where the transfer or parameter of the Merits of Christ, that we are to be jufflifted, and cottiled to Grace, and Glory. See Manny Gr.

The Sacraments are the ordinary Means, or Influences whereby this Application is effected. See Sacraments are Application is effected. See Sacraments.

APPLICATION is formetimes and uncu in Geometry, for what in Arithmetick we call Division. See Division. APPLICATION also fignifies the fitting or applying of one Quantity to another, whose Areas, but not Figures, are the fame

Thus Euclid flows how to apply a Parallelogram to a right Line given, that thall be equal to a right-lined Fi-gure given. See Apply.

gure given. See AFFLY.

APPLY is used among Mathematicians three was r. It fignifies to transfer a Line given into a Circl

commonly, or into any other Figure; fo as its Ends be in the Perimeter of the Figure.

 To apply denotes as much as to divide, especially among the Latin Writers; who, as they say, due AB in CB, draw AB into CB, when they would have AB multiplied daw AB into CB, when they would have AB munping by CB; or rather, when they would have a right-angled Parallelogram made of these Lines: So they kay, applies AB ad CB, apply AB to CB, when they would have CB divided by AB; which is thus expressed, AB

3. It also fignifies to fit Quantities, whose Areas are e-all, but Figures different. See Application. APPOINTEE, a Foot-Soldier, in the French Army, &c. who for his long Service, and Bravery, receives Pay above private Sentinels. See Answessans.

APPOINTMENT, a Pention or Salary given by great Lords and Frinces, to Perfons of Worth and Parts; in or-der to retain them in their Service. See Salary.

The Term is chiefly used among the French—The King of France gives large Appointments to several of the

Officers in his Service.

Appointments differ from Wages, in that the latter are fixed and ordinary, being paid by the ordinary Treasurers; whereas Appointments are annual Gratifications granted by Brevet for a time uncertain, and are paid out of the Privy

Parfc.

APPORTIONMENT, AFFORTIONAMENTUM, in L.s., a dividing of a Reat into two Dirac of Partico, according of a Reat into two Dirac of Partico, according a reat C.S.S. RAY, Division, Parktylon, 55c.

Thus if a Man, having a Rent-Service iffuing out of Land, purchase part of the Land; be Rent final to experience, see rings to the Value of the Land—So if a Man let Lands for Care, referring Rent; the Rent field e apportioned.

But a Rent Charge cannot be apportioned, nor Things that are entire; as it one hold Land by Service, to pay to that are entire; as it one hold Land by Service, to pay to his Lord yearly at fuch a Feast a Horse or a Rose; there, if the Lord purchase a part of the Land, this Service is totally extinct; because such things cannot be divided without hurt to the whole

a Rent Charge fhall be apportioned Yet, in some cases, a Rent Charge shall be apportioned: As, if a Man hath a Rent-Charge situing out of Land, and his Farher purchastith a part of the Land charged in see, and dies; and this Parcel descend to his Son, who hash nis Fairer purchand a decend to his Sun, "who has the Rear-Charge; there the Charge final be apportional according to the Value of the Land, because fuch Partice of the Land, purchafed by the Pather, come not to his Som by his own Act, but by Defent, and Courfe of Law. om by als own Act, but by Defect, and Coarfe of Lase-ble: And the the Commoner, in fuch catle, purchase a Parcel of Land wherein the Common is appendiant, yet the Common fills the apportunist. But in this east, Com-mon appurement, not appendiant, becomes extinct by fact Furthist. Gab.

Purchate. Cone.

APPOSAL of Sheriffs, is the charging them with Money received on their account in the Exchequer, 22 & 13

Car. 2. All for better Recovery of Fines due to his Ma-

APPOSER, in Law. See Forkign Appolir.
APPOSITION, the Act of putting or applying one thing to another. See APPLICATION.
APPOSITION is used in Payficks, with respect to Bodies, which derive their Growth from the Adjunction or Use the Control of the Application of Use the Control of the Application of Use the Control of t

mion of ficighbouring Bodies. See ADJUNCTION.

Mod Bodies of the foffil or mineral Kingdom, are form'd

Non House or use tonic or mineral Kregdom, are form a by Juxta-polition, or the Appolition of Parts, brought to join and adhere to each other. See Accarrion. Arrournow, in Grammar, is the putting two or more Sublianives together in the same Case, and without and

copular Conjunction between them. See Sussyantiva, CONTUNETION, COPULATIVE, Sc. Thus, Flanders, bloody Theatre, horrible Scene of War,

APPRAISE, to rate, value, or fet a Price on Goods, by a Perion who is a competent Judge, and is authorized

a Perion who is a company of the Erench approxime, which imputes the fame thing——Hence we alle kly an Approximation of the Approximatio

Mind forms of any thing, abitractly of its particular Qualities. See Inea.
Apprehenfion coincides with what we otherwife call Per-

ception. See Pracertion.

The Word literally denotes the Action of the Hand, where by it takes hold of, and graffs any thing; being form'd of the Latin ad, to, and prebendo, I hold. See Compara-HENSION.

APPREMENSION, in Law, fignifics the feising a Criminal, in order to bring him to Juffice.

APPRENTICE, one who is bound by Covenant to ferre a Tradefman, or Artificer a certain Time; ufually feven Years; upon Condition of the Mafter's instructing him in Years; upon Condition of the Maiter's infireding him in his Are on Myfery. See Transe, Commence, Aur., Ec. Sir Thomat Smith fays, that Apprentices are a kind of Bondmen, or Slaves, differing only in this that they are Servants by Coverant, and for a time. de Rep. Amfor. Lib. 3. See Servant, Slave, Ec.

See SER ANY, SLAVE, SEE.

Antennyl, Benkers in the lens of Cours were called Approaches of the Larm, in Latin Approaches of the Larm of Larm of

Coanticleur of Law.
AFPROACHES, in Fortification, the feveral Works made
by the Beliegers for advancing or genting namer to a Fortics, or Place Households. See Programs and Fortics, or Place Households. See Programs and Fortics, and Forting the See Programs of Forting
Ed. See Transcr., Miss., Sare, Barruary, Ed.
Arenacents, or Linst of Arenacen, are particularly
uted for Trenches dug in the Ground, and heir Barti
thrown up on the Selfe towards the Place belieged y under

thrown up on the Side towards the Place befieged; under Shelter at Defence whereof the Befiegers may approach, without Lofs, to the Farapet of the ever'd Way; and plant Gun, &c. wherewith to canonnade the Place. See Tarsen.

The Lines of Approach are to be connected by Lines of ommunication. See COMMUNICATION. Communication.

Communication See COMMUNICATION.
The Bringed frequently make Counter Approaches, to incrupt and defeat the Enemies Approaches.
APROPALIATE, Areanost arven, in Philosophy, is underflood of feociting which is indeed common to fewerally set, in forme respects, is peculiarly attributed to See Paneza and Cosmon, to the Eather See and Halu

See Sanger and Coisson.
Thus, Cecision is common to the Father, Son, and Holy
Gloid's and yet is appropriated to the Father.
Gloid's and yet is appropriated to the Father.
Gloid's and yet is appropriated to the Father.
Desired, the Patronge whereof is annexed to forme Church
Dignity is that the Patrion receives the Tithes. Societies, The Market Patrion Father, Patron, and Tirrita.
There are compared in England \$485 Churcher Appropriate and Engineering Church Fathers and Engineering Church Fathers and Engineering Church Fathers.

PRIATION. ES APPROPRIAGE as Honorein, in Law, fignifies to bring a Manor within the Extent and Liberty of such an Honour.

See Honour, Manon, Sc.

See Honoura, Manon, etc. In Law, fignifies to difcommon, i.e. to fignate, and incloid any Parcel of Land, which before was open Common. See Cossessor. APPROPRIATION, the Act of speopriating, or applying a Charch-Benefice, which of its own Nature is juried at the control of th

PRIATE

AMATURE Application, is where the Advantion of a Parlinege Application, is where the Advantion of a Parlinege College. Holder, College, Edg. and so their Succeeding is to that the Houston Edge, is both Parline and Parline, and home one of the Members difficults as Vict., See Parline. The Parline of the Living are appropriated to the size of the Parline of the Living are appropriated to the size of the Parline of the Living are appropriated to the size of the Parline of the Parline of the Succeeding, are repeated Owner of the Percentile of their Succeeding, are repeated Owner of the Percentile Oxford Succeeding the Succeeding, are repeated Owner of the Percentile Oxford Succeeding the Succeeding, are repeated Owner.

To make an Appropriation, after Licence obtain'd of the King in Chancery, the Confent of the Diocefan, Parton, and Incumbent, is necessary, if the Church be full a if it be void, the Diocefan and the Parton, upon the King's

if it be void, the Diocetan and the Patron, upon the King's Licence, may conclude it. To diffeive an Appropriation, it is enough to prefer to Clerk to the Bifhop, and he to inflitute and induct him: for that once done, the Benefice returns to its former Na-

tur APPROVEMENTUM, APPROVEAMENTUM, or APPROVEMENT, is formetimes used in antient Writers for Im-

provement. Sec IMPROVEMENT. Thus, to Approve, Approbare, is to make the best benefit of a thing by increasing the Rent, &c.
In some antient Statutes, Balliss of Lords in their Fran-

chifes are call'd their Approvers. See BALLIFF.
Com omnibus Approviamentis & aliis pertinentiis suis, &c. Mon. Angl.

APPROVEMENT, is more particularly used where a Man hath common in the Lord's Wastes, and the Lord incloseth part of his Waste for bimfelf; leaving sufficient Common,

with Egress and Regress, for the Commoner.

APPROVER, one who confessing Felony in himself, appealeth or impeacheth another or more of his Accomplices.

Sec APPEAL He is so call'd because he must prove what he hath al-ledg'd in his Appeal—This Proof should either he by

Battel, or by the Country, at the choice of the Appellee. See Proof. Batter, Pais, &c. Affancias of the King, are those who have the letting of the King's Demesses in small Manors, &c. See Dr-

APPROXIMATION, in Arithmetick, a continual ap

reach nearer fill and nearer to a Root or Quantity ROOT.

Sec. Morr deven actions a dipprairament advanced by We have given, a lightly, Harnel, K. a., il of a modeling to other than Sectia's inflatively converging, or approaching intleasers to the Committy cuts to the section of the Section Sec. Convergors, and Saratz, une of the Section Sec. Convergors, and Saratz, and the section of the Section Section of the Section Section of the Section Section of the Section Section Section of the Section Sect ers. See Square, Cose, Power, Quadratore, Ex-

cr. See Squax, Cons, Fower, Quanaracas, Ex-rahacrion, Ger.

This he Antients were aware of, and accordingly had their Methods of Approximation; which, the fearer ap-plied by them beyond the quadratick or perhaps the ca-bick Root, are yet equally practicable, by the Adjustments, to the Imperior Powers allo: as is shown in the #bilogaph. Tranglet. No. 11:

If there be a Non-quadratick or Non-cubick Number 5 the former being expressed by as + b, and the latter by ass + b, where as and ass are the greatest Square and Cube in the proposed Numbers; then $\sqrt{as + b} = s + b$ $\frac{ab}{2 aa + ib}$; and $\sqrt[3]{a^3 + b} = a + \frac{ab}{2 aaa + b} = a + \frac{ab}{ab}$

 $\sqrt{\frac{b}{4}aa + \frac{b}{2a}}$ will be eafy and expeditions Approximations

136. to the Square and Cube Rock.
To extraft the Ross of an Equation by Approximation.
1°, For a quadradic Equation—Suppose the Equation $x^2 - y^2 - y = 0$; let the Ross be 8 + y, so that y may denote the Fraction, whereby the assumed Number either exceeds or comes thort of the Ross 1. Then

 $x^* = 64 + 169 + 9^*$ - 5x = - 40 - 5 9 -51 = -51

Since the Powers of Fractions are continually decreasing a and we only here want a Root nearly true; y is caft away : Upon which,

 $\frac{-7 + 11 y = 0}{y = 7^2 = 7^2 \text{ nearly} = 0.6}$

Wherefore x = 8 + 0.6 = 8.6Suppose x = 8.6 + 9. Then $x^2 = \frac{2.84}{1.00} + \frac{2.75}{1.00} y + y^2$ - 5x=- 42 - 59 7日: - 11:-31+17:ブーリーロ 73.96-4300-3100+(1720-500)y=0 -0.04+1220y=0 12.30y=0.04

V = 004:11.20 ==0.0032 Therefore 3 = 8.6000 + 0.0032 = 8.6032

Suppose x = 8 - 60, 1 + y; Then will x= 7401505024 + 17 .2064000 5+5°

-5#=-43.01600000 - 500000000 -31 = -31.00000000 -0.00094976:12.20640000 g mm o g = 0.00094976:12.20640000 == 0.0000077808.

Therefore x = 8.6032000000 + 0.0000077808 = 8.603277808.

Suppose, again, the Root of a Cubic Equation x* + 2x* suppose, again, the Root of a Cault Enquarion x² + 2x² - 2x = 70 = 0 be required by Approximation; here let the Root be 5 + 9, fince the Terms are omitted wherein y' and y' are found; there is no necessity for experience min, the Transformation of the Equation. Wherefore, we find

> $x^* = 125 + 75 y ...$ + 2x2 = 50 + 20 9 - 23x = 115 - 23 5 - 70 = - 70

-10+729=0 y=- 10 = 0.1

Therefore x = 5 + 0.1 = 5.7Suppose x = 5, 1 + y: Then will x = 132.651 + 78.030 9 · · · · +2x = 52.020 + 20.400 9

- 13 x == - 117 . 300 - 23.000 y - 70=-70.000 75.430 y = 0.639 y = 3.649:75.430 y = 0.6348

Wherefore # = 5.1 + 0.048 = 5.1348. And after the fame manner might one proceed to Infi-

APPUI, in the Manage, q. d. reft or flay upon the Hand; is the reciprocal Effort between the Horte's Mouth and the is the eccipreal Effort between the Hories Mouth and the Bridde-Hand 3 or the Sende of the Addiso of the Bridde in the Hand of the Horieman. See Hr.an, Baider, See A. july Applied of the Hand, is the nice bearing up or tay of the Bridde; to that the Horie being awed by the Send-billyy and Tendemen's of his Mouth, dares not reit too much upon the Bit-Mouth, nor check or beat upon the

Hand in outstiffsind it.

A fall, derive plops; is when a Horfe has a good Mouth, but his Tongue fo thick, that the Bit cannot work, or bear upon the Bars, the Tongue no being fo findble as the Bars; the 'the like Effect is founctimes owing to the good for the the bear of the Lipps—— A Horfe is failed to have so open, when he dreads the Bit mouth; is too a grown of the Hand, and cut he but the Bit hand, and cut he had the hand had the hand had the Hand to withfland it. Hand, and can't bear the Bit.—He is faid to have too much opposi, when he reits or throws himself too much too hardily upon the Bit.—Hories defigated for the Array ought to have a full Appui upon the Hand.

APPULSE, in Aftrocomy, the approach of any Planet to a Conjunction with the Sun, or a Star. See Conjunction with the Sun, or a Star.

APPURTENANCES, or APPERTINENCES, in Com-mon Law, fignify things both corporeal, i.e. belonging to another thing, as their principal; E. gr. Hamletts, to a chief Monor, and the like: and incorporeal, as Liberties and Services of Tenants, &c. Sec Appendant. The Word is form d of the Latin, ad, to, and pertinere,

to belong.
APRIL, the fourth Month of the Year, according to the common Computation, but the fecond according to that of the Attronomers. See Monru.

In this Month the Sun travels thro' the Sign Taurus. See Sun and Taurus. The Word is derived from the Latin aperilis, of aperio,

The word is derived from the Latin sperilis, of sperio, I open; becaule the Earth, in this Month, begins to open her Bofom for the Production of Vegetables. See SPRING.

SPRING.
APRON, in Gunnery, a piece of Load which caps, or covers the Vent, or Touch-Hole of a great Gun. See Gun, ORDNANCE, See Austres, or APSIDES, Austres, or APSIDES, Austres, or Apsides, in Aftenness, two

APSIDES, Austres, or Assides, in Aftronomy, two Points in the Orbit of a Planet, the highest whereof is cal-

Which, being reduced to the same denomination, as here led the Aphelion, or Apoges; and the lowest the Perihetical or Periges. See APRELION, APOGER, PERIHELION, and

PRINGER.

The Oplianter which joins their two Points is call'd the Line of the Applica, and paste store the Care of the Oplianter, and the Center of the Earth.—Such is the Line AP. (Tab. Arransony, 5g. v) draw free Applican A to the Principle of P. See Opair and the Applican A to the Perhelion P. See Opair and

The Eccentricity is reckoned in the Line of the Applies; being the Diffance between the Center of the Orbit of the Planet C, and the Center of the Sun or Earth S, according as the Copernican or the Prolemaic System is followed.

Sec ECCENTRICITY. For the Motion of the Line of the Apfides, fee Arc-

ONE, &C.

The Word comes from the Greek & Dr., an Arch, or

Vealt.

Attitus were also autiently ufed for a kind of priving Onstories, or Chapte in great Churches; so therwise Called Deconsigns, or Devalue, See Charton et al. 1988.

Deconsigns, or Devalue, See Charton et available over. The Word full obsains in the Low Constrict, where it decotes a kind of Cheir, or Plane Devalue de Allies where the Religious fit, and hing the Obes, feptrate from the ATTHINE, as anxient Term for the higher No. Billy in Section 8. See Terastr.

ATTHINE, as anxient Term for the higher No. Billy in Section 8. See Terastr.

Thus, Oli hith an Afritade to burn, and Water to exispetit Fire.

APTOTE, in Grammar, a Noun indeclinable, or which is without any Variation of Cafe. See Noun and Case. The Word is derived from the Greek Privative a, and

alläns, Cafas. APUS, in Aftronomy, the Bird of Paradift; one of the Confellations of the Southern Hemisphere, not visible

in our Latitude. See Construction.

APYREXY, in Medicine, the Intermission of a Fever or Ague. See Fever and Agus.

The Word is formed of the privative Particle s, and me,
The Word is formed of the privative Particle s, and me,
Rgitt, Fire or Heat, or most-one, febricite, to be fiverish.
AQUA, in natural Hiltory, Physicks, Chymistry, Medicine, &c. See Warks.

Takin and supposed to be compound.

AULO, in state of the diction, the compound diction, t.e. See Warka.

The Word is pure Latin, and supposed to be compound to of an adqua, q.d. from which; alluding to the Opinion that Water is the Basis or Matter of all Bodies.

AQUA fortit, is a correlate Liquor, ferving as a Mentrum wherewith to diffulve Silver, and all other Metals

DISSOLUTION, METAL.

except Gold. See Menstauum, Dissolution, Metal,

Aque fortis is made of Salt-Petre, which is the only Salt that will act on Silver, See Narre, Salt-Petres, and SILVER.

To prepare Aqua fortis, they mix either Sand or Alum, or Vitriol, or the two last together, with the Sale Petre; then diffill it by a violent Fire; and eatch the Fumes;

then entire it by a violent rise; and each the remest which condening in the Receiver, are the squa fortis.

If fome of those Matters be not added to the Nitre, it runs too readily, and thus prevents the Evaporation; but when the Findon's prevented, the parts of the Salt receiving more violent Impressions from the Fire, are converted to a volatile Spirit.

If to the Spirit of Nitre thus diffill'd, Sea-Salt or Sal-

If to the Spirit of Nitre tau auntil A, Sea-Salt or Sil-Ammeniac be added at recommence squar Regis, and will no longer difficire Silver, but Gold. See squar Recra. Hence, to try whether on a Opas fortis be pure; pura Grain of a Solotion of Silver in squar spirit, into a like Quantity of the Water in question: and if the Solution re-mains without either the Water's turning milky, or the Sil-stin the square of the square transfer of the square of the square

mains without either the Water's turning musty, of the 3-ser precipitation, the Agus form's is pure.

Agus fortis in commonly hold to have been invested is bout the Year 1300; the others will have it to been known in the Time of MoPa.

Agus fortis is a Liques of various and extensive Uferral to revery ulcful to Refiners for parting of feparsing Silver from Gold and Copper. See PARTING, RETRIEVE

To the Workers in Mofaic, for flaining and colour-ing their Woods. See Mosare. To Dyers in their Colours, and particularly Scarlet. See

To Dyen in their Colours, and particularly Screte. So: DYENG, COLOUR SCARLEY, EGY.

To other Artists, for the colouring of Bone and Ivery'.

To other Artists, for the colouring of Bone and Ivery'.

To other Artists, for the colouring of Bone and Ivery's

gain t wish Copper, or V credigeness, fixer—Someonic turns'

into Japan Regus, by diffidying in it a fourth of its weight

Sal-Ammonics, and then that therewith Ivery Hair

and Bones, of a fine purple Colour. There are, also, Bue

Biolect, who there is no Louder, and thereby many the

Biolocky, who there is no Louder, and thereby many the

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Biolocky, who there is no Louder, and the louder, and the

A O U (125) AOU marble Covers for Books. See MARBLING, BOOK-BIND-

ING, Sc.
And there are Diamond-Cutters, who use it to seperate Diamonds from metalline Powders. See DIAMOND.

'Tis, farther, of fervice in etching Copper, or BrafsPlates. See ETCHING.

Plates. See ETCHING.
Laftly, Mr. Boyle affaires us he has caufed Canes to be flained like Turtoife-Shell, by a mixture hereof with Oil of Vitriol, laid on them at feveral times, over live Coals, to cause it to penetrate the decoper; and, afterwards, giving them a Gleis with a little foir Wax and a dry Cloth.

them a Gildwith a little folt Wax and a dry Clonh."

Agua Ragail, et Real S. Geren Real L.

It is the seill'd, become it differer God, which is valgaily othered the King of Needla—— it is forestime.

It is the seill'd, become it differer God, which is valgaily othered the King of Needla—— it is forestime.

Agua Viii.e, it commonly undershood of what we otherwise call Brands, See Bax Nov.

Some, however, dislinguish between "an appropriating
the Term Bands what is presented from Wine, or the
Grape; and Agua Viia to that driven first the fine manner from Mail, Ger. See Wins. Mark, Durithara Nov.

ner from Malt, Gr. See Wins, MALY, Distributions on Malt, Gr. See Wins, MALY, Distributions of May Methods of See Green Coloner whomee its Name, for Language of See Green Coloner whomee its Name, for It is final along the See Confris a self is fail as to with the Amenbrah Its hardness. See Anxentrer.

Some of the Christic control for its being called, the March Store Some of the Christic control for its being called the Hebrero, Thursty, and render'd in Latin, by Stribution, Thursty, and render'd in Latin, by Stribution, Thursty, and render'd in Latin, by Stribution, Christic Christic, and Stribution of Christic Christic, and Stribution of Christic Christic, and Stribution of Christic Christics, and Stribution of Christic Christics, and the Christic Christian of Christian of

WATER.

WATER.
AQUEDUCT, AQUEDUCTUS, q.d. Dullus Aque, a
AQUEDUCT, AQUEDUCTUS, q.d. Dullus Aque, a
Conduit of Water 3 is a Confirution of Stone, or Timber,
made on an uneven Ground, to preferve the Level of the
Water, and convey it, by a Canal, from one place to another. See WATER.

water, sin convey 16, 974 c. anis, store one piles to ar-There are Agendedit under ground, and others raid a bore is, supported by Archie. In the Agended 1, the hypothese is a strain of them, seels us of nine that they had fine the accretical on handred Miles. Foreir, ma, who had the Direction of them, seels us of nine that the properties of the seed of the Hours, Rene received, from the 6, dejecthell, no led then Agended Balls are Ministrante for exerging the River Super to Prepailir, is the greated in the World. It is 7-00 and the seed of the seed o 242 Arcades.

342 Areads.

Aquenuer, in Anatomy, is a Paffage or Perforation, partly membranous, and partly cartilaginous; leading out of the Bony Paffage of the internal Ear into the Palate. See Ear and Paratz.

See Blan and PALATE.
It makes the beginning of the Canalis particularis, and
is divided into-two Patrix; the floorest of which open into
the Cavity of the Skall, 3C.
It is thus call'd, not cally on account of its Porm, which is
that of a Canalis but from its ferring to difcharge any foreign Matters collected in the inner Cavities of the Bar—
tes Sometimes called Agnotating Pathips, from the Name of its first Discov

of its mit Dicoverer.

AQUARIANS, AQUARII, a kind of Hereticks in the third Century, fo called from the Latin, Aptus, Water, because they used nothing but Water in the Scrament. See Evertarian.

Tis faid the Occasion of the Abuse was owing to the Per-Tis faid the Occasion of the Abuse was owing to the Per-

'Ts ñid the Occasion of the Abute was owing to the Fer-fecturion which prevail'd that held 'Times: For the Chriftians being then obliged to celebrate the Sarament in the Night a found it neceffary to make use of Water, left the finel of the Wine should betray them to the Heathers. But they atterparts went further, and actually forbid the use of Wine in the Bucharilt, oven when it might be used with

Epiphanius tells us, the Aquarians were the Followers of Tatian; and were to call'd, because they ahitlain'd wholly from Wine, and did not use it even in the Eucharist. See ABSTEMIOUS

AQUARIUS, in Aftronomy, the eleventh Sign in the Zodiac, reckoning from Aries. See Sign and Constru-LATION.

The Sun moves thro' it in the Month of January; 'tis mark'd thus m. Sec CHARACTER.

The Poets feige, this it was Gasyande, whosa Ja-piter swilled under the Stape of an Engle, and extract sways into Hessers, to fere as Gasphester in the room of Hale and Fulters; whence the Name——Others hold, that the Sign was han coll²d, because, when it appears in the Sign was han coll²d, because, when it appears in Stars in the Carllellition of the Stars in the Carllellition of the Stars in the Carllellition of the Stars in the Starsian Catalogue, you The Longitudes, Laritudes, Magnitudes, &f. whereof, are as follow:

Stars in the Confellation AouARAUS. Names and Sisuations of the St. Longitude. Latitudo

Starr.	ě	9	,	er		,	,,	250
Preced, in the Handkerchief: gainst the Hand.	s-2						41N	,
gainst the Hand.	5 ==	8	38	46	١.,	24		ŝ
		ğ	22	28	H	34	51	7
Subfeq. in the Handkerchief.		9	35 44	02	11	34 38 16	47	4 9
5.								
		9	31	57	2	51	53	6,
		9	28		3	19	30	6
		H	57 51	44	11	05	06	6
10-								
		16	23	11	23	01	34	6
In the preced Hand.		12	04	13	4	30 47	48	5/6
		14	18	30	10	21	43	6
25.								
		16 15	53 50	23	10		12	6
		15	01	35	5	17	03	6
		16	14	35	5	11	33	6
. 20.					11	14	10	
In the proced Shoulder.		18	13	15			19	6
In the preced. Shoulder. Under the Shoulder, as in the A Pic.	rm-?	.,		-3		58		3
Pic.	5	19	50			59		6
In the Head.		23	38	57	15	12 21	47	6
25.		23	٠.,					6
		25	56 39	30	14	13	55	6
		28		21	15	58	21	6
			16	57			29 S. 48 N.	6
Lower in the hind. Shoulder.		27			1	10		
		28	35	40	10	13	58	5
South, in the Fore-Hip. Bright one in the hind, Shoulde		24	24 01	10	2	03	15 S. 58N.	4
-		22	19	59		40 37	49 S.	6 9
55.				12	1			8
		27	07 04	33	2	92	12 48N.	6
North, in the proced, Hip.		26	09	58	0	14	275.	6
		23	04 09 38 34	18	9	52 27	39 48	6
40-		47			ĺ,			١.
Preced of two in the pafter. S	ide.	28	55	35 44	2	59 43	02 47N.	4
Subfeq. of the fame.		29	51 42	55	4	56	30	
		24	59	38		13 33	30 45 S.	5 6
That in the hind, Arm	¥		21		ł			1
	525	24	ıi	54		39	49N.	3
		28	36 41	33	3	18	38 11N.	6
North of 3 in the hind, Hand,	ж	4	16	51	10	49	08	5
That upon the Hips.	m		53	13			36 S.	l'
Preced, of the reft in the Hand	¥ .	4	34 32	31	s	51	36 S. 36 N. 31 S.	4
That in the hied. Buttock.	â	29 1	32	41	4	48	31 S.	6
	Ж		13	54			53 40	6
South of two in the fore Leg.	m	08	12	22	10	51	40 S.	5
	36	5	13	36	6	55	47N.	6
Subfeq. of three in the Hand. Preced. in the pouring out of Water.	×	20	43	32 53	7 8	58	57 S. 42N.	4
Preced in the pouring out of	the?			33	4		47	5
Water.	5	,	~	-5	*	٧,	7/	•
North in the Fore-Lea	ж		54	55			24 S.	6
Following that to the Southwa Lower of the Northern ones in hind, Leg.		5	19	55 54	1	04	29 N. 40 S.	6
Lower of the Northern ones in	the S		39				42	
hind. Leg.	5		10			44		7
65.		,	.,	"	•	74	20	1

K k

Name

AQU					1	(12	6)
Names and Situations of the SIL	00	gitt	de.	L	tity	ade	12		
Start. B							00		Star
	0	۲.		8		"			0.111
Upper of North in the hird Leg. X	4	16	52	5	8 4	25	6		Name
South and Subleq. in the pouring?	7	14	41	0	23	00	4		TAWKE
out of the Water.	í	54			11		6		
South in the hind Leg Silvert.		33		8	11	12	1	Prec	S. 2
South 18 the nine Leg-			ïï	8	36	0.6	6	Sout	b. 5
704		1		1	-			Subf	S
	7	50	34		12		6		
Laft in the Water.	29	28	59	21	0.4	54	1		
of the Water.	10	0.4	10	1	40	14	6	Prec	ed. o
		c4			44		١,		Antiqu
		08			57		6	Nort	th?of
75.				1	•	.,		Sout	h S
Proced in the last Flexure.	3	59	44	16	34	34	5		
North.		40			29		4		
Subfeq and South of three.			53		41		5 6	Mid	of 3
In the 2d Flexure of the Water.	12	48	37		10		5	27214	,
. 80.	••	21	-0	3	30	٠,	,		
	12	41	56	1 2	49	12	6	Subf	cq. of
Middle of three-			17	1 4	15	45	5	Proc	ed in
	10	57	45		18		5	D	ed in
South of the Contig.	12	28	16	4	45		5	Suhi	
	11	00	01	10	01	57	6		ht one
North ? of the three following the	٥	n8	40	14	46	26	5		eq. in
Middle S laft Flexure.	Q	25	11	15	24	16	5		
, -	10	30	55	16	45	48	6		1
				16					
	15	20	12	11	02	03	3		
90.				١			6		
				14			5		
Follow, It.	10	52	17	111	26	21	5		2
Middle, in the fame Flexure.	14	38	18	15	10	26	5		
Contiguous to that.	14	51	2.4	15	43	01	6		ed. of
95.			. 0	۱.,					h in z
	1)	30	16	16	20	29	13		& No
	27	61	10	15	16	00	5		3
South S Flexure.	21	12	12	18	45	48	6		th in i
							,		of 3 i
AQUATIC, fomething which	В	ics.	be	end	ė		mais	Nor	th io . h io t
in, or about the Water. See WATE	ER.					- 5			n in t
We have Aquaric Plants, Aqua	tt i	o A	nin	sals,	8	c.	Sec	//	2
PLANT, ANIMAL, &c.									t belo
Trees which grow on the Bank	83	of.	Riv	ers,	or	in l	Mar-		h io

Trees which grow on the Banks of Rivers, or in Mat flies, ge, are allo call'd Aquatics.

AQUEOUS, Aquesus, fomething that partakes of the Nature of Water, or abounds therein. See Water. Thus Milk is fald to confift of an Aquesus or ferous, an

Nature of Water, or abounds therein. See Wayne.

Thus Milk: It fall to conflict on a power or freezes, and

The Chymits feparate the "queue Part or Platigan from
all Badles by Philliation. See Partscand of the three
Aggraves Humare," is the first or successed of the three
Aggraves Humare, is the first or successed of the three
Aggraves Humare, is the first or successed of the three
Aggraves Humare, is the first or successed of the first of the successed of the Humare Humare is and in Huppfiel to be furnished by cer
antennils are divided about the Origin and Conveyage

of this Humare. —"It secretally the successed of the Humare Humare is furnished as in the pretype specific, inclination is, it by any decident the Costs is and

the Cornea falls or collapses, the Wander readily heals, by
the yielding of the Eye, and the Humare screenies of

De Nack thinks he has different of the Dukt, whereby
the Humare is furnished. See Aggraves 200ff, paged to

De Nack thinks he has different of the Dukt, whereby
the Humare is furnished. See Aggraves 200ff, paged to

De Nack thinks he has different for the Dukt whereby
the Humare is furnished. See Aggraves 200ff, paged to

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the Humare is furnished. See Aggraves 200ff, paged to

De Nack thinks he has different for the Dukt whereby
the Humare is furnished. See Aggraves 200ff, paged to

De Nack thinks he has different for the Dukt whereby

the Theorem 100 from 1

which piercing the Gunania Innominata, and Lachrymalis which piercing the Tunicks of the Eye, deliver their Liquer by ways hitherto unknown.

quer by ways hitherto unknown.

Aqvisos Bindi, er Defilia Agnoff Nackli, are cernin
Dollt, differerd by Dr. Nack, whereby the openers His
Dollt, differerd by Dr. Nack, whereby the openers His
Dollt, differerd by Dr. Nack, whereby the openers His
Dollt, and Dr. Defilia Binding His
AQUILA, in natural Hidney, E. See E. Ex.E.
AQUILA, in Mireneny, a Conflicition of the norther
Hemipheres unknifty joint with Austraton. See Cox

The Stars in the Confiellation Aquila and Antinons. Prolomy's Catalogue, are 15; in Tycho's, 17; in the Britanic Catalogue, 7: The Longitudes, Latitudes, Magnisudes, &c. whereof, are as follow.

	Stars in the Constellation Aqu	IL	ла	ùns	Λn	rit	100.	
		Lon	gitt	de.				
	Preced. South. Solver. Solver. Solver. Solver. Solver. Solver.	6 6 8 8	48	57 14 32 00	25	03	97 30 57 26 29	4 5 5 5 6
	Preced. of three Inform, before Anticour's Foot. North 2 of two Inform, over the South & Eagle's Tail.	10	26	40	43	13	17 53 20	4
		9 9	31	39 07 24	41 19 19	02 37 33	20 16 22	466
6	Mid- of 3 before Antimor's Foot.	10	30	35 29 55 42	36	54 28 11	11 51 45	54
	Subseq. of the same. Proced in the Eagle's Tail.	13	.50	50	37	53 36	53 43	3 4
	Preced in Authora's Heel. Sunteq. Bright one in Authora's Foot. Subfeq. in the Eagle's Tail.	13	17 46 02 28	25 59 15	18 18 17 36	52 29 37 13	26	6 6 3
	20.	15	27	34 48 46	33	24	32	36
			58	37	28 14 24 26 23	28 54	17 45	56
	25.	17 17 18			22	312	55	1 6
	In Antonia's Thigh. South in Antiona's leading Side. Mid. & North in the Root of the Tail.	16 17 19	36 20 23	51 05 33	24	12	27	6
s	North in the preced. Wing. Laft of 3 in the Root of the Tail. North in Actions's leading Side. South in the preced Wing. Lo Actions's Belly.	19 20 19 20	45	44 40 35	24 33 22 23 18	50 52 04	54 22 17	34
c	In Actingu's Belly.	19	39	55	10	49	10	٥
r-	Against Assess's hind Knee.	21 20 21	27 31 10	24 58 47 48 47	10 28 14 18	25	21 30 03 21	3 4
d	In the hind Side of Antimus. 40. South in the preced. Shoulder.	21	30 09 28	47 46 56	16	42	59	6
n	South in the beginning of the hind \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	23 25	41 52	20	20	31	44 04 08	6
10	46.		52 48		,-	,,		ľ
t-	That immediately prec, the Lucida. Preced, of two in the hind Shoulder.	25 26 23	18	08 26	28 31 10	21 16 05	06 04 52 20 49	3 5
it t.	Subfeq. of the fame.	27	36	29	3.5	19	49	ľ
t, 8,	50. Between the Shoulders; call'd Lu- elds Apsile. That ever the Luisia. In Assissar's hind Shoulder.	27	23	24			11	
y	In Astinus's hind Shoulder,	26	53 66 33	01 54	21	33	23	34
it	55-	24	44	54	12	24	10	6
ts >-		26	32	00 66	20 28 26	43	43	6
,	Subfeq. below the Lucids. In the Engle's Neck, In the Verge of the Wing behind the Shoulder.	28	06	56 44	26			3
	the Shoulder.	29	30	57 17	31 19	32		6
n 1-	fo. In the middle of the Head.	۰						
ot	In Antisess hind Hand.	29	46 35 01	36	19	45	30	7 3 .
	Last of the hind Wing.		62 47		18 34	28 e6	07	5 6
D :-	65.	4		48 44				
		4	43	44	15	39	19	2

6 35 14 15 31 49 5 7 24 03 16 48 56 4 50 58 18 16 36 6

70.

AQUILINE, AQUILINUS, fornething belonging to un Eagle—Hence, Aquiline Nofe, denotes a hooked Nofe, like the Beak of an Eagle, a Hawk's Nofe.
AQUILO, the North-Eagle will yimd; or that which blows from the North-Eadlern Point of the Horizon. See Wand,

NORTH and POINT. The Seamen call it, North North East. See RHUME.
The Poets give the Name to all flormy Winds dreaded

by the Mariners.

ARA, the Altar, in Aftronomy, a Southern Confleilation; confifting of eight Stars. See Stan and Constella-

ARAB, ARABIAN, ARABIC, fomething that belongs

The Ananan Horfe is faid to be nuried with Camel's Milk: There are many strange Reports of this Beast. Milk: There are many itrange Reports of this Beati. The Duke of Newesfile altires us, that the ordinary Frice of one is 1000, 2000, or 1000 Founds; and that the North are as diligent in keeping the Genealogies of their Hories, as Princes of their Families. They first Medals on every occasion to keep up the Pedigree. The Fortune the Arabians give their Sons, when arrived at Manhood, is, two Suits of Arms, with two Scimeters, and a Horle; who al-ways lies in the next Room to him - Xet fuch of the Brood as havebeen brought into England, never proved ve-

ry Extraordinary. Oct Arabian Yran.
ARABESQUE, or Arabian Yran.
ARABESQUE, or Arabians,

ry extraordinary. See Hoase.

the manner of the */rabiant.*
*/rabipso. Porrigine, and Morejane, are Terms applied to fuch Planting. Ornaments of Freezes, Ed. wherein there are no human. or animal Figures, but which conflit wholly of imaginary Folinges, Plants, Stalks, Ed. Sec GROTESOPE.

The Words take *Heisen Rife from hence, that the *Morri, Artist, and other *Moleomeras*, wie their kinds of Orna**Prints, and other *Moleomeras*, wie their kinds of Orna**Prints, and other *Moleomeras*, wie their kinds of Orna***Ports, and other *Moleomeras*, wie their kinds of Orna****Ports.**

The World sace used notes than more, then are overlymeans their Region frielding them to make any time
gen or Figure of Mon, or other Animals. See Jason.
ARABIC, ARASIC, ARASIC, Monthing that reARABIC, ARASIC, ARASIC, Monthing that
ARABIC, ARASIC Playse, is a Breach or Dislect of
the Herere. See Laws van zi and Hasaw.
Father mogist de 30. Topicy Figures much of the Breauy
Father mogist de 30. Topicy Figures much of the Breauy
Father mogist de 30. Topicy Figures
The See The See The See The See The See
Figures, The See The See The See The See
ARASIC Figures, or Character, see the Numeral ChaFathers, Nowakan, See.

The Arabic Characters fland contradiffinguished to the

The dealer Characters that decoratilitisguilled to the Remain. See Characters, & Characters, & Characters, & Characters, who become for The Learned are generally of opinion, that the dealer Figures were find thought up by the Suraccers, who becroved for the Characters, who becrowed the Characters are for thirded of their Northy, that he immediately presonance a Silver Medallion be was confluted a boar, Maderna y upon his being told of the Nomeral 1-ingues 245, 245, being on it. The common Oplinion is, that Plannates, who lived towards the Clote of the different Plantacters, who lived towards the Clote of the different Plantacters, who lived towards the Clote of the different Plantacters, and the Characters, when the full Charlists who made all of them. Father Mabilion even aftures us, in his Work de Re Diplo-matice, that he has not found them any where earlier than

the fourteenth Century Yet Dr. Wallis infils on their being of a much older Standing; and concludes they must have been used in Fog-land at least as long ago as the time of Hermanus Con-tractius, who lived about the Year 1050; if not in ordinary Affairs, yet at leaft in Mathematical ones, and particularly Affrenomical Tables.

Attrenomical adults gives us an Inflance of their Antiquity in England, from a Manute-Tree of a Chimney, in the Particular Company of the Manute Tree of a Chimney in the Particular in Northengtongire, wherein is the Inflowing Infeription in Baffo Relieve, Mr 133, being the Date of the Year 123. "Belift Translat. N° 134." ne macaning intergence in zague recurso, AV '(13, being, the Date of the Vera 123, "Philip Veraphell N-11-16.

Mr. Laff in femiliera e yet centric Induses Grandel No. 11-16.

Mr. Laff in femiliera e vera centre Induses Grandel No. 11-16.

Mr. Laff in femiliera e vera control to the veraphell no. 11-16.

M. Hart is even of opinion, that thefe Charalters were not between two the rower of the not between two the rower of the not between the notation of the notation that the notation t

Numbers by. See Numbers, Numberat, Ec.

Gum Arabice, is the Name of a Gum which diffils
from a Species of Acacia, growing in Egypt and Arabia. See Gum.

It is very common among us, but little is to be met with which is genuine; it is suspected to be adulterated with our common Plumb-tree Gums——That is accounted beth, which is in finallest Pieces, and almost of a white Colour.

It diffolies entity in any aqueous Liquor, and is good in all kinds of Fluxes. in all kinds of Pinice.

ARABICA, RABATCH, WAS 2016 a Title of Dimensions time of Honour, given to the Emperor Strutts; on account of his compacting Artists, and reclusing it into the form of his compacting Artists, and reclusing it into the form of Dot the Reverse of time. Making the Emperor we read PARTHIC, ARABIC ADIAR, COS. II, PP. And founction PARTH, ARABIC ADIAR PARTHE, ARABIC PARTHE

and each from them their two Provinces.

Asserts were also kind of Hererichs, who fireing up in Articles, about the Year 2073 whole dillinguishing Teampin with it. So the cited with the Body, and also relegated with the Province of the Epiphinia, Blavit. c. 3%. relates, that a Council was still to loop the Progress of the rings (Set) what or Province affilied at it; and convinced them to thoroughly of their Brief, that Articles A. A. A. Blabit. A set a set of the province o

AR ABISM, AR ARISMUS, an Idiom or Manner of speak-ing peculiar to the Arais, or the Arabick Language. See Intom and ARABICE.

into is and Ananca.

R. Martin maintains, that the 1 femetimes expresses as Oath, in the Hobrew, as well as the Arabiok: Absumera, a perfect Master of the Arabiok, and who makes great the thereof to explain the Hobrew; does not reject the Seatlment, nor yet much approve it; he contents hindled harely to rehearfe it, which, for the sealous a Partisin of Arabiy, to rehearfe it, which, for the sealous a Partisin of Arabiy. bifort, is enough to frew that he had no great opinion of it - Father Sourier.

ARABLE-Land, antiently call'd Analia, is fuch as is fir for Tillage. See Land and Tillage. It is thus call'd from the Latin arare, of aratrum, a

It is thus call'd from the Lettin grare, of gratting, a Flough. See Pouver and PLOUVING.

ARACHNOIDES, is Anstony, a fine, thin, transfirst, the Membrane, which lying between the Thus and Pis Ma-ter, is (typofed to lined; the whole Subdance of the Brain. See Manista and Brain.

Many Amstomitis depy the Exiftence of fuch third.

Membrane; and contend that it ought rather to be looked on as the external Lamins of the Pia Maser, which fends its internal Lamilla between the Folds of the cortical part

of the Brain. See PIA Mater. ARACHNOIDES, or ARANEA Tunics, is likewife ufed for a fine, flender Tunick, wherewith fome Anatomifts suppose the crystalline Humour incompassed. See Cay-

pote the systems.

This, others call Cryftalloides, and Cryftallines; but o-thers, and with good crafen, deny the reality thereof, with its vulgarly improfed use. See Ciliary and Tu-

The Word is borrowed from the Greek appyed, a Spider, Spider's Web, and Low Form in regard of the Fineners of the Pares, which are supposed to resemble that of a Spider's Web.

ipider's week.

ARACK, or Araacr, a spirituous Liquor, imported
tom the East Indies; chicsty used by way of Dram, and
a Punch. See Drains, Power, See.

The Nature and Composition of this celebrated Liquor The second property of the colorated Liques have been as the Compiletion of this colorated Liques have been as the colorated Liques have been as the colorated Liques and the colorated Liques and Liq

with.

Got and Batovia are the chief Places for Frack.

Got and Batovia are the chief Places for Frack.

At Gas there are divers kinds; fingle, Analle, and troble
spillided. The double diffilled, which is that commonly
feat abread, is but a weak Spirit in comparison with Batis
of Fracks, you account of its peculiar and apprecible
Flavour, is preferred to all the other Aracks of Endia. This
is orbitated to the cartery Cellide, which allows they use
the surface and the cartery Cellide, which allows they use at Gos to draw the Spirit; whereas at Ratavis they use

at Gos to draw the opening states and the Co-copper Stills.

The Parier Arack, made at Madraft; and the Co-lumba, and Quilene Arack at other places, being fiery hot Spirits, are little valued by the Europeans, and there-fore rarely imported; the highly prized among the Na-

AR ÆOMETER, AR MOMETRUM, an Inflrument wherewith to meesfure the Density of Gravity of Fluids. See Feurly, Gravity, and Density.

The Word is found of the Greek agains, rarus, tenuis, thin; and seler, Meafure.

The Areaneser, or Water-poife, is ufually made of Gials; confitting of a round hollow Ball, which terminates in a long flender Neck, hermetically feal'd a-top: there being fifth as much positions.

Committee on a roand nestow field, when reministed in the property of the prop and confequently, by means of the Baiance, can eafily tell, when different Liquors fill it, which weighs most, or is most

intenfely beavy. Some regard, however, is to be had to the Seafon of the Year, and Degree of Heat and Cold in the Weather: by Year, and Degree of Heat and Cold in the weather by reason some Liquors rarefy with Heat, and condense with Cold, more than others; and accordingly take up more or less room. See Specipies Gravity, Rarefaction,

By means of this Instrument, the ingenious Author has made a Table, to shew the different Weights of the fame Bulk of the most considerable chemical Liquors, both in Summer and Winter; as follows:

The Armometer full of | weigh'd in Summer. | in Winter.

	co.	dr.	gr.	08.	or.	gr.	
	11	00	07-	11	00	32	
Oil of Tarrar -	-01	03	08-	01	03	31	
Spirit of Urino	10-	00	32-	-01	60	43	
Oil of Vitriol	-01	03	58-	-01	04	03	
Spirit of Nitre	10-	10	40-	-01	01	70	
Sait -	-01	co	39-	-01	00	47	
Agua Fortis -	10-	OF	38-	-01	O1	55	
Diffilled Vinegar -	-00	07		00	07	60	
Spirit of Winc	-00	06	47-	00	06	61	
River Water-	-00	07		-00	07	57	
Diffilled Water	-00	07	50-	00	07	54	

The Inftrament itself weighed, when empty, one Dram twenty-eight Grains-

AR MOSTYLE, ARMOSTYLOS, in the antient Architecture, a fort of Intercolumination; wherein the Colum Modules from one another. See INTERCOLUMNIATION.

To the Areofyle the Columns were the widelt and o-

eneft they were ever planted at 3 whence the Name : from

pened they were ever planted at a whence the Name I wen-the Greek series, rareit, and every, Column. The Areafyth Is chiefly uted in the Inflam Order; at the Garce of great Clifes and Percretics. ARROTICES, or Arrorress, in Medicine, fuch Re-medies as tend to open the Porce of the Skin, and render them large enough for the morbifiet Matter's being extrict of by Sweat or influsible Perlyitation. See Pors. & Weaks,

off by Sweat or intensities Perspiration. Occ Public, owners, owners, Pabes paration, Mr.

To the Class of Areatick: belong Diaphoreticks, Sudo-sides, &C. See Diatrioratics, Sundariers, &C.

ARAIGNEE, in Perification, a Branch, Return, or Gallery of a Mine. See Mine, &C.

ARANEA Timita. See Mine, &C.

ARATRUM Terres, in our antient Law-books, as much off to Aratrorum. Soc Carrucana Terre.
Aranua Terre, an anticut Service which the Tenant

was to do his Lord, by ploughing his Land. Sec SERVICE, ARBALET, or BALISTA, a kind of Weapon, vulgarly

ARRALET, or Bannya, a kind of Waspan, valgarly called a Grif-Serve See Hangeys sureaft of Wood, far in Ir conflict of a Steak-low, fir in an all a bear with a piece of least fitted from purpote—— If fever to those pulses, large Arrows, Darn, the.

The Andreast had large Machines to throw Arrows withal, called Wheler or Builfue. See Balury.

The Word is decrived from Arbeits[fig., i.e. Areashelfig., a

Bow with a Sling-

ARBITER, in the Civil Law, a Judge nominated by the Magifirate, or chofen roluntarily by two contending Parties, en whom they confer a Power, by Compromite, of deciding their Difference according to Law. See Junea and COMPROMISE.

The Rosson femelines fabrilisted to a fingle origine, but celebrarily they choic feverals and those in an useum Number. See America resourced, as Capen Marriages, Athlete of Sute, Cfr. it was not allowed to be recourted to orderer—Nor use in permitted to appear from an arbitral Science; the Effect of an Appeal Sedge to the freed the America Comments of a principle of a principle of a principle of the America Comments of the America Comments of the Comments o

or give way to natural Equity, property Sail Ambitteers, See Arrivanton.

Julyiman ablobacly forbids a Woman from being eloling Ambitter, or nature Ambitter(s), as judging fuch an Office up-becoming the Sex. And yet Pope Mexander III. confirmal an Arbittal Sentence given by a Queen of France.

ARBITRAGE, or Arbitrarment. See Arbitra-

ARBITRARY, fomething left to the Choice and Determination of Men 3 or not fixed, and fettled by any positive Law or Injunction. See Laws, Libberry, Sc.
The Penishment of fuch a Crimic is Arbitrary and travy Fines or Mulchs are usually called Americanums. See

AMERCEMENT. The Laws or Measures whereby the Creator acts, are whiterry; at least all the Physical Laws. See Law of

NATURE ARRITRARY POWER. See DESPOTICE, POWER, Mo-

ARCHY, GOVERNMENT.
The Word is form'd from the Latin Arbitrium, Will;

The Word is form'd from the Latin Arbitrum, with whence allo Arbitrer, Arbitrator, &c.

ARBITRATION, or ARBITRATION or Commentation of a Caufe or Quartel to the Decision of one, or more indifferent Perfons under the Quality and Denomination of Arbitretor. See Arbitrates and Arbitrator.

Among as, we Arhitzen are utally dode by the en-trading Paries and to ead held cames age, a thick is that the Arhitzen are all the Committee of the article of the Committee of the Committee of the ARBITRATOR, an extraordinary Judge, or Commit-ficact, in one or more Caules between Party and Part, An Arhitzen is either general, that is, including at ARBITRATOR, and Paramada or fepcial, which is clude are or more Matter, as Part Specials. An Arhitzen is either general, that is, including at Article, Quernic, and Demanda or fepcial, which is clude are or more Matter, as Part Specials. Conference, the Opportunity of the Committee of the Paries a yet their Liberty is diverted in committee of the Paries a yet their Liberty is diverted in with Eculty internigipedly whereas an aritization is and

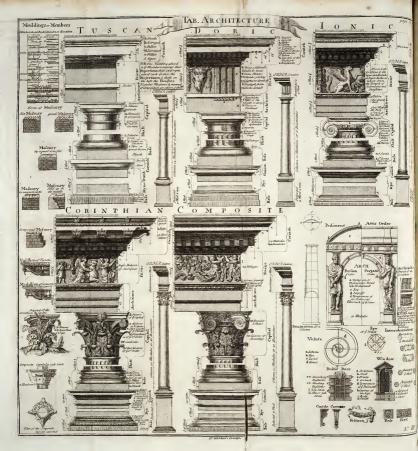
in arbiter is tied to proceed and Judge according to Law, with Equity incomingful, whereas an arbitrarior is preventionally one of the process of the proces

tion their Ramification refamiling a Tree. Sec Care-LALIALIZEUS—Such art in ARRIGHERM, Dinnet Tree. Sec Dann's Tree. ARRIGHERM, Tree of Mart. Sec. Trae of Mars. ARRIGHERM, Tree of Mars. Sec. Trae of Mars. ARRIGHERM, Tree of Mars. Sec. Trae of Mars. Of Words, the middlemed whereof consists the Secire of Genera and Species; and bears from Analogy to the Truels: and the Enterment, constaining the Directory, and the Enterment of Company. Sec. Tree of Tree of Company. DIFFERENCE--Such is

> SUBSTANCE Thinking Extended ANIMAL
> Irrational Rational
> MAN
> This

The Arbor Porphyriana is otherwife called Scala Pradi-

Machine turns.



Arter of a Crans, a Mill, Wiedmill, &c. Sce Crans, Mill, Windmill, &c. Mitt, Windmitt, &c.
Arborn Elis, Arbornous, is applied by some Naturalistic of such Exercétencies, Fungus's, Master, and other Parastices as grown on Trees. Soc. Findous, Musikhous, Galeis, Moss, Parastirs, Aconse, &c.
Ark Goris', Androuting, Person skill'd in Trees; their Kinds, Forms, Natures, &c. Soc. Tare.
Afternal's a appellation of less exent tians Batanish.

See BOTANY, &G. AREOUR, among Gardeners, Sea kind of fludy Bower or Cabinet, contrived to take the Air in. See GARDEN.

Arbours are now gone much into difuse, by reason their ats, apt to be moift, are unwholesome—They are

Scats, apt to be moift, are unwhotereme-diffinguith'd into natural and artificial. Natural arbeurs, are formed only of the Branches of

Naturel Arbitars, are formed only of the Bruches of Trees, intervoors artfully, and home ply throng Lartic-work, Poles, Hoopt, Er. which make Galleries, Balls, Ferrious, and green Villa naturelly covered.

For the State of the Property of the Control of the State of State

up with Hern-beam.

And Cabharts are made of Lattice.

And Cabharts are made of Lattice.

For which purpose they make use of finall Filler

of Oak, which being planed and made first, are wrought

in Checkers, and failened with Wire.

ARC, or ARR. See ARR.

The Words are formed from the Lattin, Frent, 2 Bec.

ARCANUM literally figurine a Server 4 and in therefore

very pertinently applied by Quacks and Impostors in Medi-cips, who conceal their Ignorance and Feaud under a pretence of Secrecy--Hence Legions of There are also flanding efficinal Compositions, under the

Denomination of Arcana: fuch a SECONDITION OF APPEARS I THEN SEC The dresoun Govalimm, a Preparation of red Preci-pitate; made by didilling it with Spirit of Nitre, and re-centing the Diffillation sgain and again, till a red Powder be procured. This Powder holled in Water, and the Water second of an expirit Spirit of Witnessee, and the Water

be proximed. This Powdér behild in Water, and the Weter powered st., and teast if de piet of Went per to the Powder, was not the proxime to the powder, and the proxime of the powder of the powder, and the proxime of the Court, Depthy, Scare, Sc. in operates chiefly by Stool. Journal France, it made of an Annigams of Mercuy and Tim, digethod in Spirite of News to the Nime height of Winer, and the Spirit Berra saway; and this for feveral times till the pages of The is space. The white Therein, and it commended by fines as a shoulded from Therein, and it commended by fines as a Sudohiff. See Avera-

BECTICUM HECTIONS.

Arcanna diplication is prepar'd of Capat Mortuum of Aqua fortis, by diffoling it in hot Water, hitrating, and expenting it to a Curicle; the leaving it to flow.

The Arcanna displication, or Panance displicate is excluded as a Durectic, and Sudorisio—The Recipe was purchofed at the expense of 500 Dollars, by that great Virtuol's the Durection and Capation and Capation

wonders of its great uses in Hypocondriacal Cales, continuwonders of its great tites in any parameters of its, continue ed and intermitting Fevers, Stone, Scurvy, &c.

ARC-Bournary, in Building, a flat Arch or part of an Arch abutting against the Reins of a Vault, to support,

and prevent its giving Way. See VAULT.

A 6-boutants are only arch'd Buttreffes. TRESSE.

TRESSE.

The name is French; form'd of are and bouter, to a-but.

ARCH, ARR, As use, a part of any curve Line; e.gr.

of a Circle, Ellipsis, or the like. See Couvre.

ARCH of a Circle is a part of the Circumference thereof, left than a half, or Semicice—Such is AB (Tab. Gao-

lefs than a half, or Semicircle——Such is AB (Tab. Gro-METRY, fig. 27) Sec Create and Cancumpian Not. The half or Line that joins the two Extremes of the Arch is called the Chord; and the Perpendicular rais'd in the middle of that Line, the Size of the Arch. See Chonn and SINE.

and Sixu.

All Angles are measured by Arekes—to know their Quantity, an Arch is defirited, having its Carte in the Pions of the aboys. See Anous.

Every Circle is fappoid to be divided into 50 Degrees; and an arch is defined according to the Number of those Degrees is taken up——That is a Arch is fall to be of Soy of Eq. of 100 per fab. Arch or the fine of the Control of the Arch is the see that the Arch is the see that the Arch is the to be of Soy of Eq. of 100 per fab. Arches of the finne or qualification, as contain the fame. Number of Degrees. See Equat.—Tilene.

Circles, as costain the lattic purpose of Egyptish George. Hence
In the fame or equal Circles, equal Chords fubtend equal
Archete—And hence, again, Archet intercepted between
parallel Chords are equal.

A Radius, CB, fig.98, which biffects the Chord in D, does also biffect the dreb, in E; and is perpendicular to the Chord, and on the contrary——And hence the Problem, to biffect an dreb is folved by drawing a Line AB perpendicular to the Chord in Chord in F. Similar Arches are those which contain the same Num-

ber of Degrees of unequal Circles. See SIMIEAR-are the Arches AB and DE, fig. 87.

are the Arrees AB and BE, ng. 87.
Two Radio being drawn from the Centre of two concentric Circles; the two Arches increapted between 'embear the fame Ratio to their reflective Peripheries; and also the two Sectors to the Areas of their respective Circles.

See ANGLE The Diffunce of the Centre of Gravity of an Arch of a Circle, from the Centre of the Circle, is a third Proportion

nal to a third part of the Periphery and the Radius. See Campus Gravity. For the Sines, Tangents, &c. of Archet. See Sine,

TANGENT, Ec. ARCH in Altronomy—Diurnal ARCH of the Sun, is part of a Circle parallel to the Equator, described by the Sun in his Course betwirt rising and setting. See DIURNAL,

D AY, &c. His notturnal Arch is of the fame kind; excepting that it is described betwist his setting and rising. See Night,

is is deterrined version.

RESISTON, Ex.

The Latitude and Elevation of the Pole are measured by an Arch of the Meridian: The Longitude, by an Arch of a parallel Circle. See Elevation, Latitude, Lon-

ARCH of Progression, or Direction, is an Arch of the ARCH of Progression, or Direction, is an Arch of the Zodiac white a Planet stems to pals over, when its Mo-tion is according to the Order of the Signs. See Direc-The Anen of Retrogradation is an Arch of the Zodine.

described while a Planet is retrograde, and moves contrary to the Order of the Signs. See RETROGRADATION.

ARCH of Station. See STATION and STATIONARY.

An on between the Centres is an Arch, as AI (Tab. As rao-

As an Interest the Courtes is an Archiva IA (TLA Astronovova, fig. 3,5) priling from the Centra of the Mons Sandow, A, perpendicular to her Orbit GHS:see Entrye.

If the Aggregate of the Archive three Chicago the the Archive Central Courtes Archive the Semi-diameter of the Shadow, the Ediplic will be recell without any daratten it left, to part with the mediates in jet Andrews in 18 for the Semi-diameter of the Mono and the Shadow, partial—
Ancu of Figher in the Sun's depth below the Herizon, at which the Chicago and the Shadow and the Shadow partial—
Ancu of Figher in the Sun's depth below the Herizon, at which seems the Sun's Chicago and the Shadow and the

gain. See Poetical RISING As CH, in Architecture, is a Concave Building, rais'd with a Mould bear in form of the Arch of a Curve, and ferving as the inward Support of any Superstructure. See Building

An Arch, fays Sir Henry Woston, is nothing but a nar-row or contracted Vault; and a Vault, a dilated Arch. Sep VAUET.

Value.

Paidings in Pertica, both within and window 'Lemgradings in Pertica, both within and window 'Lemples in public Halia, at Caling, the Course of Palaces,

Trucares, Charles, and Calings, the Course of Palaces,

Trucares, Charles, etc.

Trucares, etc.

T

Windows, &c. See Burrars, Anc-bestam, &c. Arches are either circular, elliptical, or firati-Circular As curs are of three kinds, viz.——16 circular, which make an exact Semicircle, and have their Centre in the middle of the Chord of the Arch.

adly, Scheme, which are lefs than a Semicircle, and confequently are flatter Arches ; containing fome, 90 Degrees, others 70, and others only 6

others r_i, and others only so.

"ally, orders of the third and furrir Trian, as them of our Workman call them, the the Inthina call them of the Dathaut call them of a search angles at op— Thosic conflict of two orders of a Circle challeng in an Angles at the 'Top, and are drawn proteines— Of this lind are many of the driven and Undigitation, they sough, as cooking no the Horse proteines— Of this lind are many of the driven is and Undigitation, they copie, as cooking no the Horse proteines— Of this lind are many of the driven is and Undigitation, they copie, as cooking no the Horse Triangles and the Horse the Horse the Horse they have been also as the Horse they have been also as the Horse the Horse they have been always to the Horse they have been always they have been always the horse the horse they have been always the horse the horse they have t

are first; as in the others they are curved; and those two Edges also parallel, and the Ends and Joints all pointing towards a Center—These are principally used over Wiadows, Doors, &c.

The Doctrine and Ufe of Arches is well delivered by Sir Henry Wotton, in the following Theorems.—18, All Matter, unless impeded, tends to the Center of the Earth in a per-

unich impeded, tends to the Center of the Eirth in a per-pendicular Line. See Desensex, Garaviry, Cusynes, ¿Ge-adly, All folid Materials, as Bricks, Stones, ¿Ge- in their adding schanges, and their Berthelm of the Company of the

Position must be altered.

Journal nem Hand, therefore, entiret time i lighter of their Polition multi be affired Marcfalls being Bigund Constrain, i.e. it widge swife, breader above than below, and hid in a benezoling. Thorean, and pointing allower in Imported as in the preceding Thorean; and pointing allower in Imported as in the preceding Thorean; and pointing allower in Imported as in the expectation of the preceding and pointing to form Contert in this Cale, entire the preceding a literal arthur content in this Cale, entire the preceding a literal arthur content in this Cale, entire the preceding a literal arthur cale and the preceding and the preceding and the preceding and the preceding the forms in the Consensity will always.

nor can use supporters or Butments unerto much violence as in the precedent flar Form: for the Convextiy will always makethe incumbent Weight rather reft upon the Supporters, than heave them outwards: whence this Corollary may be fairly deduced, that the focure for all the Arches abovemention d is the Semi-circular; and of all Vaults, the Hemi-

fisherical, sthly, As Semi-circular Vaults, rais'd on the whole Diameter, are the firenged's fo thofe are the most beautil, which keeping to the fame height, are yet difficulted, one fourteenth part longer than the faid Diameter which addition of width will contribute greatly to their Beauty, without diminishing any thing confiderable of their

oursign.
It is, however, to be observed, that according to Geometrical Strictness, to have the flrougest drebes, they must not be Portions of Circles, but of another Curve, cultid the Catenaria, whose Nature is such, that a number of Spheres difficult in this form, will find the another than the Catenaria. dispos'd in this form, will fuftain each other, and form an arch. See CATENARIA.

and the Sec German 11.

Die Gregory week mess, that drebt confunded in other Correction of the Sec German Control of the S

300 Arche

Arch Some. See Kry-Some.

Trismphal Arch, is a Gate, or Passage into a City,maginficently adorned with Architecture, Sculpture, Inscriptions,

Ge. which being built of Stone or Marble, serves not only Ge., which haing built of Stone or Martha, favor, not only to adman Triumph, at the Return from a "distone Expedition, but all for spiriture the Memory of the Conquestion." The mudiciobated Primphal of Prote, now retensing of Antiquity, see that of Trium, of Sprinus Storers, and of Antiquity, see that of Triumphal of Prote, now returning of Antiquity, see that of Triumphal of Protein Stoners, and of Antiquity, see that of Triumphal of Protein Stoners, and of Antiquity, see that of Triumphal of

denote such as have a Pre-eminence over others.

The Word is form'd of the Greek agys, beginning; whence

agxos, princeps, fummus.

In English we usually cut off the final i, from Arcis, the to very ill purpose; the Words wherewith it is join'd, sounding much harfler on that force than they would do were it preferr'd entire, as it is in midwou'd do were it preferred entire, as It is in most costs. Languages. See Anosataous, Comystactron, Erg. AACLIEUS, on obscure Term, unit obstityl among the ALCIEUS, on obscure Term, unit obstityl among the Caule of all the Effects which week ferve in Nature. See Livs.

Hence, steby differ in their Ideas of a vital Caule, the Term Jorcham becomes applied to very different Tribings. The most of ven concern it of the Nature of Tribings. The most of ven concern it of the Nature of

Things: The most of 'um conceive it of the Nature at File See Files. See File

ANIMA Mundi, &c. ANNEA Monati, Sc.
They add, that all Bodies have their Share of this Archem; a not when this is corrupted, it produces Diece for which they call Arches 2019, as which for this Rue for the Call Arches 2019, as which for this Rue foot they call Arches 2019, as which for this Rue foot they call Arches 2019, as which for this Rue foot they call Arches 2019, as which for this Rue foot they call Arches 2019, and a support of the Rue Principle and Source of all the Effects in Nutrue. See Pair seign.

tines, beer j'n tee' in re.

The property of the property of the popular of an ordera
No Polling, hey be, can sel on a Circuit it if, therefore, it has easy Edick, 'this by means of the Arthran. He old, where the property of the propert Helmont is a great Afferter of the Dogma of an Archem

the eighth Rank among the bleffed Spirits which o

the Celeftial Hierarchy. See ANGEL, and HIERAR-The Word is compounded of the Greek doyds, Prince and

The Word is compounded or two two-more agreed.

ARCHIBERT ARCHIBER

TROPOLITAN.

Abbansjins appears to be the first that used the Tile
Archbisop, which be gave occasionally to his Predeceste;
Gregory Nasioneen, in like manner, gave it to Athansjan's
not that either of them were entitled to any Jurisdiction, of

not that either of them were entitled to any Juridichin, of even Precedence, in virtue thereof.

Among the Latins, Isidove Hispalenshi is the first that speaks of Archissors. He distinguishes four Orders at Degrees in the Euclesthical Hierarchy, vis. Partials. Archissops, Metropolitums, and Bistops. See Partials.

England is divided into two Archbiftopricks, or Provin-Cos. See Archaismorrier.

ARCHBISHOPRICK, Archiefiscopatus, the Dignity of Archbishop; or the Province under his Jurisdiction.

ARCHEISHOP

There are two Archbiftopricks in England, viz of Conterbury and York; the Prelates whereof are call'd Pri call'd Primates and Metropolitant. See PRIMATE and MATROTO-

The Archidings of Canzelsory but anicently justifica-tion over Deliane as well as England, and was Hybel a England and England, and was Hybel a Parliamant/Possilles Marren done and recorded in the Name ran thus, Anno Possilleania melay irrans, Sec. Sec. Parliamant, Possilleania melay irrans, Sec. Sec. Parliamant, Possilleania melay irrans, Sec. Sec. Parliamant, Possilleania Marks of Regulary, as, to be Parren of a Birlangeria, Which he was of Regulary, as, to be Parren of a Birlangeria, Which he was of Regulary, as, to be Parren of a Birlangeria, Which he was of Regulary, as, to be Parliamant, and mark to the Ryral Family, having procedure of all Durbas, and all Graco Officers of the Covers. Sec. News. Parliamant, Parliamant, and and Technemas, and genuing Letters of Administration.

He has, by Common Law, the Fower of Probate of Wills and Tellaments, and granting Letters of Administration, Ec. See Frodary, Administration, Ec. See Frodary, Administration, Ec. See Frodary, Administration, Ed. Differentiations in all Cafes formerly fised for in the Court of Rame, and not regugated the Law of Ged. See Distribution, Fluidantiation, Propagation of the Law of Ged. See Distribution, Fluidantiation, Ed. He all bolded forward Courts of Judiciature 2, sa, Court of He all bolded forward Courts of Judiciature 2, sa, Court of

lio holds feveral Courts of Judicature; as, Court of Court of Audience, Prerogative Court, and Court

Arches, Charles Suderice, Treongettic Garri, and Corr of Peculiars. See Anonza, Auvisson, 15.6.

The Archbifthop of Tork has the like Rights his Pre-vince, as the Archbifthop of Conterbary; his precedence of all Dukes nor of the Reyal Biood; and all Oliness of Stato except the Lerd High Charcelor. He has the Rights of

a Count Palatine over Hexambire. See Convocation, ARCHDEACON, ARCHIDIAGONUS, a Church Offi-r, whole Business is to visit the Parishes within a certain cer, whose Buttness is to visit the authors whose See Visit-Diffriel, or part of a Diocese committed to him. See Visit-

Diffirld, or part of a Diocete committee to min. One wasterney, the Article Plantists, Efc.

The Archidences, fometimes also call'd Arch-Levite, was originally the first and eldest of the Deacons who attended on the Diffusy whence his Name. See Dr Acon.

He was not known before the Council of Nice: his Functional Control of the Council of Nice: his Function and Council of the Council of Nice: his Function and C

He warme komn before het Concell at Nove his Fan-tion is fine keome a Elpsiny; and even fix above hat of Pitcht is she almenty it was quite substraint. The Nove-ton of the Concession of the Concession of the Concession of the Concession and Pitcht is the Manifestic of the Composition. He took care that Other and Deccay were observed in Divine Service, both to the Comman and Utestila of in Divine Service, both to the Comman and Utestila of figlicial of the Manuers and Behaviour of the Peoples for which results have secured by the Concession of the Manuers and Concession of the Concession of the Manuers and Behaviour of the Peoples for which results have called the Concession of the Manuers of the Manu

Rural Dean himfelt. See R.w.n. Dean. In the Xrk Dentary Archdeacout were confidered as having Jurifdiction in their own Right or attach'd to their Cffice; with a Pewer of Delegating it to others. Butfrom that time Measures were taken to leffen their Pewer, by increasing their Number—He whole Diffrict lay in the Capital City, took the Quality of Great-Archdeacon.
We have fixty Archdeacons in Expland: their Office is

We have farty Architectus in England: their Office is to wifer two poles. Text, to captific into Reparation and Moreables belonging to the Church, reform Andres in Excledificial Mainer, and bring the more weighty Affairs below the Bithop, beliefer which, they have also a Fourt to traipend, excummantainer, and in many Placets to prove traipend, excummantainer, and in many Placets to prove the property of the Company of the

Orders. Sec Induction Many /rehitacous in old Foundations, have, by preferip-on, their Courts and Officials as Bilhops have. See

COURT, OFFICIAL, Sc.

COUNT, OFFICIAL, US.

**RCH CLAUSERAL IN, ARCHY-CAMERATIVE, ON
Officer of the Empire; much the fine with what in Exp.

**CHECH CLAUSERAL IN, ARCHY-CAMERATIVE, ON
The Filector of Enrandstagers, in Arch Clauserlatin of
the Empire, being Gospointed by the Goden Ball; and
in that Quality, the bean the Scopers of Boden the Empire.

**Selements to the Service of Boden the Enrapers,

**Selements to Herris on berithack like other Electron curry
ing Biden with a Towel In his Hands from which slipping he fear in fee the Empirer or wath—He has his Vier,

of the Horis of Enrandstagers, See Electron.

**Selements of the Horis of Enrandstagers, See Electron. of the House of Brandenbourg. See Electon, Empire,

ARCH-CHANCELLOR, ARCH-CANCELLARIUS, & Grost Charcellor, who antienty prefided over the Notaties, that is, the Secretaries of a Court. See Chancellon. This Office chiefly obtained in France, under the two first Races of their Kings; and afterwards under the Emerica Court of the Court of the

pire: as they had three feveral Territories, Girmany, Italy, and Alies; they had three Arch Chancellors is and bence the three Arch Chancellors if ill fubbling in Germany, the Archbifthop of Marta being Arch Chancellor of Germany, the Archbifthop of Cologn of Italy, and the Archbifthop of Sevented Archbifthop of Cologn of Italy, and the Archbifthop of Cologn of Italy, and Italy of I

reves of Arles.

Bern. de Malliackroth, in an express Treatise de Archi-Been de mantacerent, to an expense areante de Aren-cancellaris Imperit Foment, flews that thefe three Arch-bifhops were Arch-Chencellors before they were Electors— We also read of Arch-Chencellors of Eurgundy, See

We alls reed of strict Executives of Employate, See ARGE-HANTER, AGENCEAUSE, the Chief or Prefetors of the Chances of a Cherch. See Charters ARCH DAVIE, AGENCEAUSE, the Chief or Possifi of the zericus 2D strict in Nation. See Davie. ARCH DEVIEW, AGENCEAUSE, AGENCEAUSE, AGENCEAUSE, ARCH DEVIEW, AGENCEAUSE, AGENCEAUSE, AGENCEAUSE, ARCH DEVIEW, AGENCEAUSE, AGENCEAUSE, AGENCEAUSE, The King of Biotest on the Chief of the Agency and the sec colleged to chicksee with his Coccurrent you had see the to see obliged to chicksee with his Coccurrent you had seen the Values of Deview and the Agency and the Agency and the Agency and the Values of Developed Heredinary Flore of T., Wich has in

Vicar or Deputy the Hereditary Prince of Limitory. See

ARCH DAPIFER, or Chief-Somer, is another Officer of

ARCHOLD, PRESENTED ACTIONS ARE CONTROLLED ARE CONTROLLED ARE ARCHITICALLY ARCHITICA c Dunz.

The Archdoke of Auftria is a very antient Title. There have also been rebdukes of Lorrain, and Bratani.
Austria was erocled into a Marquisare by Octo, or Hen-

y I. and into a Dutchy by Frideric |. in 1156 : But we don't well know when, nor why the Title Arch-datchy was dart well know when, how sky the Title Article Article and spices its—Title commonly lackful and Darke Farders VI, still diffiance the Quality: Others, that it was given by the Emperor Microbiantha I: In 1879, it and may Frincipes the Emperor Microbiantha I: In 1879, it and may Frincipe the Article Ar tion; and that he have a power of creating Counts, Ba-rons, and Gentlemen, throughout the whole Empire: which are Privileges to which the other Dukes of the Empire are

angers. ARCHE, among Physicians, the beginning of a Difeafe.

Excellent Legs, is an Imperfection in a Horse 48ben being in his natural Polition, he has his Legs bent forwards 3 and his whole Leg makes a kind of Arch or Bow. See

Hosse, it usually arifes from excedive Labour, whereby the back Sincers are made to thrink up to that the Legs remain arch, and tremble after a little Riding. The the ADDINES a bell of Mills.

ARCHERS, a kind of Militis or Soldiery, armed with

ARCHERS, a kind of pullitie of Soldiery, armed with Bows and Arrows. See Arm, MILITIA, 5c. They were much in ule in former Times; but are now laid adde, excepting in Turky, and some of the Eastern Countries; where there are Companies of Arckers till on

Countries; where there are companies or zeroer; still on foot in their Armies.

The Name zeroer, however, is fill retained even where the Thing is laft: Thus, in Frames, the Officers where the Thing is laft: Thus, in Frames, the Officers who attend the Prevails, to make Captures, Sciences, Ar-chands; the City Archers; the Archers du Gues, or of the

They have also their Archers des Paweres, Archers of the Poor; whose Office is to science such Beggars as they find

the Poor; whole Office is to leize fach Beggars as they find in the Streets, and carry them to the Hofpitals.

The Word is found of the Latin Area; a Bowy whence Areasins, Arquites, and even Argain, as we conceimes read it in the corrupt State of that Toogne——Vare observes, that Archer originally fignified a Brigand, or

Highwayman.
ARCHERY, in our antient Cuftoms, a Service of keepa Bow for the Ufe of the Lord, to defend his Caffle. See

ARCHES, or Court of ARCHES, is one of the Archbi-TRUES, or company are trues, usone of the arenness they's Courts, to which Appeals lie in Recletifished Americas from all parts of the Province of Coursey Appeals, and Accessions.

This Court is thus call'd, from the area's Church and

Tower of St. Mary le Bow, where it was went to be

ARC

The Yudge of the Court of the Arches, is called the Dean of the Arches, or the Official of the Arches Court, \$\varepsilon e\text{c}\$, with which Officialty, is commonly joined a peculiar Jurisdiction over thirteen Parishes in Landon, termed a Deanery, exempt from the Authority of the Bishop of Lon don, and belonging to the Archbifthop of Canterbury; of which the Parish of Rev is one, and the principal.

Others suppose the Denomination and Functions of Dean

of the Arches to have arose hence, that the Archbisnop's Official or Dean being oft employ'd abroad in foreign Embaffies, the Dean of the Arches was his Substitute in this

Court

This Judge on any Appeal made, forthwith, and without any farther Examination of the Caufe, fends out his Cita-tion to the Appellee, and his Inhibition to the Judge from whom the Appeal was made. The Advocates who are allowed to plead in the Arches Court, are to be Doctors of the Civil Law, in one of our

Univertities. See ADVOCATE.

Universities. See ADVOCATE.
ARCHETPER, ARCHETPER, a Pattern or Model, by which any Work is formed, or which is copied after, to make another like it. See Monni.
In this fense the Word coincides with Original; and

stands opposed to Copy. See Oniginal and Copy

Hands opposed to Copy. See Onicisma and Copy.

Among Minten, Ge. Arbertpe's is peculiarly useful for the

Standard or original Weight, by which the other Weights

are to be adjusted and examined. See Synamony. The

The Philosophers, particularly the "Platenish, talk of an

Archestpal World; sensing, the World, fach as it existed

in the Divine Mind, or in the like of God, before the Con
tention. See Dana, Plantonista, God.

The Word is compounded of agg, Beginning; and Turns,

The Word is compounted. A Chief designing was an article Sea IV-YITUS, a. Chief designing was an article Sea IV-YITUS, a. Chief designing to the chief the chief of were divided into foar Orden, or Degress, viz. Priefit, Deacon, Subdeacon, and Anight's cach of which had there Chiefs. The Chief of the Anight's was called Anich and the Chief of the Chief of

The Word is form'd of the Greek ing, Principium, Chief; and iclo. Medicus, a Physician.

ARCHIEUNUCH, ARCHIEUNUCHUS, the Chief of

the Eunuchs. See Eunuchs.
The Archieumich was one of the principal Officers in

Conflantinople, under the Greek Emperers.

ARCHIGALLUS, in Antiquity, the Chief of Cybele's

Price call'd Gelli. See Galla.

Priefle, call'd Galli. See Galls.
ARCHILOQUIAN, a Term in Poetry, applied to a fort of Verfes, whereof Architochus was the Inventor. See VERSE.

These consist of seven Feet; the four first whereof are ordinarily Dactyls, the' sometimes Spondees; the three last Trochees: for infrance ; Selvitur acris Hyems grata vice Veris & Faveni, Hor.

"Tis usual to mix lambic Vertes of fix Feet, abating a Syllable, with Archiloquian Verfes; as Horace himfelf has

one in the Ode now cited. Thefe Verfes are also call'd Dallylie, on account of the Dactyls at the beginning. See DACTYL and DAC-

ARCHIMANDRITE, the Superior of a Monaftery; amounting to what we now call Abbet. See Assor, Su-

PERIOR, CC. Covarravies observes, that the Word literally denotes the Chief or Leader of a Flock; in which fente it may be ap plied to any Ecclefishical Superior: Accordingly, we find the Name fometimes attributed to Archbishops. But a-

mong the Grocks, where it is chiefly ufed, it is reftrained to the Chief of an Abbey. M. Simon maintains the Word originally derived from

no. JOHNH MINISTER WORD CRIGINALLY derived from the Springs at leaft the part Mandries, which by a Circuition, he makes to fignify a Solitary or Monk.

ARCHIMIME, ARCHIMIMEN, is the fame thing, in effect, with Arch-Buffoon.

effect, with Arch-Battoon.
The Archimises, among the Remant, were Perfors who initiated the Manners, Gettures, and Speech both of the Living and the Dead. See Misss.
As first they were only employed on the Theatre; but were

afterwards admitted to their Feaths, and at last to their Funerals; where they walked after the Corps, counterfeiting the Gefures and Behaviour of the Person who was carrying to the Funeral Pile; as if he were ftill alive. See PUNERAL.

ARCHIPELAGO, in Geography, a Sea interrupted by a great Number of Hands. Sea Sea. a great Number of Ittands. Sea SEA.

The most celebrated, and that to which the Name is in forme measure appropriated, is that between Greec, Mac. tome measure are wherein are the Islands of the Assau Sea: which is call'd the White Sea, in contradillinding to Sea: which is call'd the Worte are, in the Euripe, which they call the Black Sea. The modern Geographers mention other Archipelego's are the Coaft of Malebor and Ma-

The modern Geographers included the Christophings; as, that of Lazarus, near the Coast of Malabar and Malacas; the Archipelage of Maxico; that of the Gardieus, wherein are above 12000 Illands; that of the Philipping. centaining 11000 Iflands; those of the Melucco's, of Cal

hes. &cc.

hes, Sec.

The Word is form'd, by Corruption, of Ægeopelayar, q.d. Ægeau Sea; which, again, is form'd of Apanas Go or Holy Sea; a Name originally given it by the Greek, on account of the Cyclades, for which they had a very high Veneration. ARCHIPERACITA, or ARCHIPHERACITA, an Off.

cer in the Jewife Academics. See Academy.

The Archiperacita was not the fame with the Archife. The drebiperacits was not the tame with the drebip-seggest, as foreign and others have mittakenly imaging-but rather the Chief or Principal of their appointed to read, explain, and profess the Law, in their Schools-And bence the Names, which is form'd of the Greek and head of the Chief o

Chief , and the Hebrew or Chaldee P'E, Pherak, Division Chapter.
ARCH-LEVETE, ARCHILEVITA. See ARCHDEACON. ARCHMARSHAL, ARCHIMARISCHALLUS, the Grand

Marshal of the Empire. See Marshat.

The Elector of Saxony is Archmarshal of the Em. pire; and in that Quality goes Emperor, bearing a naked Sword. goes immediately before the

ARCH-MINISTER, ARCHIMINISTER, the Prime Mi nifter of a Prioce or State. See MINISTER. Charles the Beld having declared Boson his Vicetty in

Charies the Beld having ordered by the New York by Heldy, under the Title of Duke; made him also ha felt Minister under that of Archiminister: from the Greek app. and the Latin Minister-Charier. ARCH-PRIEST, ARCHIPRESETTER, a Prieft, efts blifted in fome Diocefes, with a Pre-eminence over the reft

Anticarty, the Arch-Prieß was the first Person after the Bisthop, and even acted as his Vicar, in his absence, as in all sparitual Concerns. In the fixth Century, there were found feveral Arch-Prieß in the same Diocese; from which time they were call'd Dearst. See Dean.

In the pries Contemp As Alliance. which time they were call'd Lieum. See JEAN. In the ninth Century, they diffinguished two kinds of Cares or Parishes; the imailer, govern'd by simple Priests and the Baptismal Churches, by Architectoriers, who, befide the immediate Concern of the Cure, had the Inspec

tion of the other inferior Priefts, and gave an account there of to the Bifliop, who governed the Chief or Carbedral Church in Perion. See Bishop, Parish, Cathedral There are Arch-Presbyters still subsisting in the Greek Church; vested with most of the Functions and Privileges

of Cherepifeepi, or Rural Deaus. See CHORETISCOTES and RUSAL Door. ARCH-PRINTER, ARCHITYPOGRAPHUS. See PRIN

ARCH-PRIOR, was a Name fomerimes given to the Mather of the Order of Templars. See Master and ARCHISTRATEGUS, Appropriégos, the Generalistime

ARCHISTRATIEGUS, Appeapays, the Generalization of Captain General of an Army.

ARCHITECT, ARCHITECTUS, a Person skill'd in Architecture, or the Art of Buildings; who makes flans and Designs of Edifices, conducts the Work, and directs of Massons and other Artifacture temploy'd therein. See As-

CHITECTURE, PLAN, DESIGN, The Word is derived from the Greek aggle, Princept, and rather, Workman, q. d. the principal Workman.
The most celebrated Architects are, Vitruvini, Palleto, Scamenzi, Serlio, Vignela, Barbare, Caranco, Alberti, Viola, Bullant, and De Lorme.

From, Jameser, and De Lerrie.
Virturoist consucrates worke Qualities requifies to in Architecti; That he be Docil and Ingenious Literature, skill'd in Deligning; in Geometry; Opticks; Articles, skill'd in Deligning; in Geometry; Opticks; Articles, take, if History; Philotophy; Manche, Medicine; Law, and Articles, See Bettains, G.C.

AR CHITECTONICK, that which bailds a thing Strengiarity, according to the Nature and Intentions there-

Thus, that plaffick Power, Spirit, or whatever elfo it be which hatches the Ova of Females into living Cesaures of the fame Species, is by fome called the Architefeark Spirit. See Plastice.

ARCHITECTURE. AGGITECTURA, the Art of Building i. t. of creding billines proper for Hibitation, Architecture is usfully divided, with respect to the bilines of Architecture is usfully divided, with respect to in the bigids, into three Bunches, Geril, Milarry, and Monal. of Charlest Control of the Control

The action Water represent the Tyrians as the first among whom Stribitchire was carried in any storible from the Stribitchire was carried in any storible for Workmen to build his Temple. Planguadae, indeed, contends, that only Under workmen were feat the from Rame Stribitchire were delivered by God limited to de-lance. Hence, he adds, the Tyrians rather kerns their manuscards to the Engineers (see Tyrians rather kerns their manuscards to the Engineers (see Tyrians rather kerns their manuscards to the Engineers (see Tyrians rather kerns their manuscards to the Engineers (see Torians the Author is of the Gress and Ramasur—in oil, the Author is direct, the Gress and Ramasur—in oil, the Author is con-tact, the Contract of the Contract of the Particular Work on Relating the Stribe (See Tyrians), where the Roles give no but Architect, Leb., vi. G. 11; and Lib., v. G. 1, quadrate exactly with what Fide-vities (See See Tyrians).

ii. &c. See Temper.
To what a Pitch of Magnificence the Tyrians and Egyp-

tians cartied Architecture, ere it came to the Greeks, may be learnt from Ifaiab xxiii. 8. and Vitruvius's Account of the Egoptian Occus; their Pyramids, Obelifas, &c. See

the Expitian Oceas; their Pyamids, Obelifa, &c. See Obelita, P. Van Min, &c.
Yet, in the common Account, Architellure fluoid be al-moft wholly of forecast Original: Three of the regular Or-ders or Mashers of Building, are denominated from them, via. Cerimbian, funit, and Oberie: And faces a Part, a fingle Member, or Moodling, but comes to us with a Greek Name. See Obustmitas, Donier, Jostey & God Moutan-Name. See Obustmitas, Donier, Jostey & God Moutan-

ING, EC. Take, F.C. Be this as it will, 'its certain the Romans, from whom we defive it, borrowd what they had entirely from the Greek's no feorn, till then, to have had any other Notion of the Grandear and Beauty of Buildings, befide what arifes from their Magnitude, Strength, S.c.—Thus far trey were unsequainted with any Order befide the Talgam. Sec Tus-

A. Lider, Annufler, Architecture serviced as its Glosy, Vi-bertus neglection I, as well as the other points Arts. Nore, amongst a Heap of horrisle Vices, filli restaint an uncom-ment of the method of the property and Diffuleraceft had a greater Share in it, than true Magaisfocuce. —Apiculature, excelled in Architecture, under the Emperor Yrapan, by which he method the Eurour of that Prince y and it was he will be a supported to the property of the property of the Dave. See Tax Tunes Yrapan. Ottoms, fulfilling to this Dave. See Tax Dave.

Charlemagne did his utmost to restore Architecture, and the Freuch applied themselves to it with Suc.es, no-der the Encouragement of H. Capet: His Son Robert succeeded him in this Design; till by Degrees the modern Architetime was run into as great an Excels of Delicacy, as the Gobbiek had before done into Matitiveness. To their my be added, the Arabeth and Morisk, or Morib Moribletture; which were much of a-piece with the Gobbiek had before the country to the Moribletture and Sabies, only brought in from the South by the Moris and Sabies, only brought in from the South by the Moris and Sabies, only brought in from the South by the Moris and Sabies, only brought in from the South by the Moris and Sabies. racens, as the former was from the North by the Goths and Vandals. See Arabers, Morisco, Grotes, Ec.

Vandals. See Araberr, Morisco, Grotisa, 25c.
The Architects of the 12th, 14th, and 15th Century, who had fome Knowledge of Sculpture, feem'd to make Perfection confill altogether in the Delicesy and Multitude of Ornaments, which they bettowed on their Buildings, with a

World of Care and Sollicitude; the' frequently without any Conduct or Taffe.

In the two last Centuries, the Architects of Italy and

France were wholly bent upon retrieving the primitive Simplicity and Beauty of antient Architecture, in which they did not fail of Saccess: Informach, that our Churches, Palaces, &c. are now wholly built after the Antique.—
Creal Architecture may be diffinguished, with regard to the feweral Periods or States thereof, into Antique, Auttent, Go-

Modern, &cc. See Angique, Antient, Gornic,

thic, Modern, &c.

Another Division of Croil Archivesture, ariles from the different Proportions which the different Kinds of Builddifferent Proportions which the different Names of Emissions Ford Topics and The Topics and Topics

vented by the Antients at different Times, and on different Occasions, vie. Thican, Davie, Ione, Corintijan, and Conglite; the History, Characters, 15t., of each whereof fee under their respective Articles, Toucan, Doate, Ione,

CORINTHIAN; and COMPOSITE

What forms an Order, is the Column with its Bale and What forms an Order, is the Column with its zinge and Capital; furmounted by an Emphature, conditing of Archi-trave, Frieze, and Comico: and futfain'd by a Pedellal. See Omna; fee also Column, Entablature, Padea-TAL, G. lee also Capital, G.

For a general View of the Elements of Architesture, with the Rules which obtain with respect to the Matter,

with the Rater water drain outs regist in the Materia.

Form, Persenius, Mannan, Rounding, Dullivianus, Corrong, devenue, & Sancha, Rounding, Dullivianus, Corrong, devenue, & See the Arrive Brita view. Witnesses, Sancha and Sancha

The first who were of it was Againsters it to attenue, who was footded by Demeritian and Toughtraffus ——Among the Latini; the younger Pliny Icens to fipsi kit belt; and laded finesal himfel very knowing therein; the Playtian relating firmering is the only carrier Anhong, the Playtian relating firmering is the only carrier Anhong, the Playtian relating firmering the playtian relating to the playtian relation rel complex System of Architecture, in one Deaks, which he dedicated to that Prince. There are two Ultrug carliers by the Maderns in this excellent Work, eise. Want of Mercha, and Obfactiny. The Missens of Lants, Greck, in Archive, and Charley, The Missens of Lants, Greck, in Prince Lands, La ment:—Several Authors have allo endeavoured to explain the Text of Firmmon, particularly Firliander, Barkars, and Salmaffin, in Notes added to their feveral Lain Editions, Rivous and Percoal in the Notes to their German and Freeb Verfions; and Bailday in his Lexison Vitrounaum:—The fame M. Percant has allo composed an exclusion Treatife Of the face Orders, which may be etlected a Supplement to Vitrounaum who left the Doklinic of the Order's delec-

The Authors upon Architesture fince Virrowins; ere— Leon. Buttle Abertit, who in 1513, published ten Bonks of the Art of Building, in Latin, deligned to outvie Virru-wins; in which, however, he has not faceceded: His Work-has abundance of pood Things, but is deficient in the Doc-trino of the Orders—Sch. Serlin, who wrone feven Books of Architesture. Architeffure, five of which concerning the five Orders, were made publick in 1602; throughout all which, he religiously keeps to Virmons's Rules: The feventh was fined oully keeps to Permuni's Rules: The teventh was more published in 1575, but the fixth, concerning private Building in 1575, but the fixth, concerning private Buildings, his not yet appear d.—dnd, Paldada, who wrote four Books of Archivelfedrey, containing the fundamental Rules of the Art, with various Instances of all the Kinds of Works; but the Workshop of the Rules der d nito High-Butteb, and chlargd with Aunoratous by Becckler—Phil. de Lorme, who published nice Books of Architectiure, in French, in 156—7. Baronzio de Viccolos, who in 1631, made publick his Reles of the five Orders, in Italian; fince translated, with large Additions, by Dia-celer, under the Trice of Goers of Architectiure, Sec. and fince celer, under the Trice of Goers of Architectiure, Sec. and fince

weler, under the Trike of Cours of Accentitative, occ. and noce all into High-Jorch, with Novice. Scienness, this Idea of Tothelk are to be added Fineent. Scienness, this Idea of Volvierfeld Architectione, publish in 1615, in Intelligent, in his Wheater of Owel Architectione, publish lift in 1619, in Intelligent, in his Wheater of Owel Architectione, publish in Idea of Architectione, but explains and compares the Rules of Architections.

five Order as laid down by Palladie, Pipeals, Scanner, See which films Delign was due executed in breach by R. Frient de Cambray, in a Parallel of the antient Archi-citation with the Anders, published to prove the nets, and control was the Anders, published to prove the nets, and provided Director of the Royal Academy of Parallel of P. Binsdel Director of the Royal Academy of Parallel provided Director of the Royal Academy of Parallel Systematics, publish in Lania and High Darcki, in the Varu 1647, has done good Service, in reducing the Rules tell, and the Royal Darkel of the Royal Royal Control of the Royal Royal Control of the Royal tell, and the Royal Darkel of the Royal Royal Control of the Royal Royal Royal Royal Royal Control of the Royal Royal Royal Royal Royal Royal Section 2018 and 1970 and 1 tion, and shewing how they may be easily delineated by means of certain infiruments invented by him.

meins of certain Inframents invented by him. Lally, the Emerative of Mediteditions are laid down by Emerative of American and Company of the Meditedition and Lally of the Control Radio and Demonstrations; and thus is American and Company of the Meditedition becomes the Demonstration and the cond, in his by the first, in his Matchell Tymend; and the icond, in his by the first, in his Matchell Tymend; and the cond, in his Matchell Tymend; and the Cond, in his Matchell Tymend; and the Condition of the Condition of

This we more usually call Fortification. See FORTIPI-The Bufinels of Military Architecture, is to creft Ports,

The Bunnets of Military Architecture, is to evect 1971s, Cafflet, and other Petrifflet, with Ramparts, Bafflets, &c. See Fortress, Rampart, Bastion, &c. See Fortress, Rampart, Bastion, &c. Noval Aronitractures, or Stip-Buildings; is that which teaches the Confitation of Soips, Galleys, and other floating Veffels for the Water; with Parts, Moles, Docks, &c. on the Shore. See Vassat, Shir, Galley, Boar, &c.

on the Shore, one VISSEL, OHLE, CALLEY, DOAT, CO-fee allo MOLE, DOEN, SE.

ARCHITECTOR: in Perspective, is a fort of Building, wherein the Members are of different Measures and Mo-dules, and diminish in proportion to their Diffance; to make the Work appear lenger and along to the View than really it is. See Plantecture.

Such is the celebrated Pontifical Stair-cafe of the Vasican, Such is the celebrated Pontifical Staticate of the Patiena, built under Pope Alexander VII. by the Cavallet Terruns. Counterfeit Ancurreroux, is that which has its Pro-cleture pinted, either in Black or White, or coloured af-ter the Manner of Marble; as is feen prachifed in the Fa-aceds and Patiens in finds, and in the Patilions of Marby. This Painting is made in Preico, upon phitter'd Walls, and in Oil, on Walls of Store. See Patierrise and Patieson.

and in Oli, on Walls of Stone. See Pairs rate and Pairson. Under the Name of Commercial Architecture, which we otherwise call Science-Work, is likewiffe comprehended, that painted on Hight Bears or Pairson of Workeron the Columns, Platices, and other Pairs of Building, Seen Hind our, with a Relieve is the whole being coloured in imitation of various Marbies, Metal, 26s. and fetrials in the Decease tools of Phesters, riting-plat Arches, Publick Entries,

Decorations of Anescore, fraumpan Arenes, Lucies, Luci

even of the whole Entablature. See FRIEZE and ENTA-The Architrave is supposed to represent the principal Beam in Timber Buildings, whence the Name, which is form'd of the Greek deve, chief; and the Latin Trabs,

form of the Greek arch, chief; and the Lain Trats, Beam. See Bran, See.

The Archivase is different in the different Orders in the Tolkow it only conflist of a plain Face, crown'd with a Filler; and is half a Module in Height. See Face, Twearn, See.

a Finer; and so and a recome in regime.

Tuscan, CS.

In the Derick and Composite, it has two Faces, or Fasicae; and three in the Innick and Composite; in which last Order it is 4% of a Module high, the but half a Module in the

it is \$40 of a Moossie fight, the but half a mousie in the reft. See Fascia, Donkie, Coninstrian, \$60. Architects, however, take a deal of Latitude in this Part, fome using more Members than others, and many of them having two or three Forms of Architectur. What we give

is after Vignola. is after Viguola.

Architrave is formetimes also called the Reafus piece, or
Mafter-heam in Timber-Buildings, as Porticos, Cloiders, Se.
In Chimneys it is called the Mantle-fice; and over the
Jambs of Deces, or Lintels of Windows, Hyperthyron.

James of Doors, or Linetes of Windows, Hyperthyron.

See Marker, Se.

The Greek, call it the Epifyle. See Eristree.
Arenipant-Doors, are those which bave an Architrate on the Jambs and over the Door; upon the Cappiece, if first, or on the Arch, if the Top be curved, See
Door, Jams, Se.

Doon, JAME, Sc.

ARCHITANE Windows, of Timber, are commonly an
Ogee rais'd out of the felid Timber, with a Lift over it;
the fometimes the Mouldings are fitted and laid on; and
fometimes are cut in Brick. See Window.

The upper Fascia is called the Header, or heading Ar-ARCHITYPE. See ARCHETYPE

ARCHITYPE. See Architype.
ARCHITYPE. See Architype.
ARCHITYAULT, in Architechare, the inner Cansard
an Arch; or a Band or Frame adorned with Mosalen,
running over the Faces of the Arch-Stone, and bears
upon the Impolls. See Arch, Vault, Instity, 86.
It is different in the different Orders—In the Viffers, hat only a fingle Exec two Faces crown d, in the Direct
hat only a fingle Exec two Faces crown d, in the Direct
architecture of the Company of the Com

in the Corinthian and Composite.

The Word is French, Archivolte, where it fignishes the

The Word is French, Marchives, a Chamber wherein the R. ARCHIVE, or ARCHIVES, a Chamber wherein the R. Cords, Charters, and other Papers and Evidences of a Hade or Community, are preferred. See Recount, Paper, & Thus we say the Archiver of a College, of a Montage,

16c.

The Archiver of anteen Reme, were in the Tempty of Saturn v, and the Archives of Chancery are in the Rail Office. Sec Characava, Rena. 15c.

The Code calls Archives polytem, we deform the Rail Office and the Archiver polytem with Armatrins polytems. And the Archiver and Armatrins polytems and Armatrins and Archives and Archivestims.

ARCHNOIDES, ARACHNOIDES, or ARANEA Tanica

See ARACHNOIDES ARCHON, in Antiquity, a chief Magistrate of Abau. After the Athenians had abolished Monarchy, they tread Archons, who were obliged to render an Account

ted Archons, their Administration.

Some of these were annual, and others perpetual; Medon, the Son of Codrus, was the first of those; and Crea of thefe

das, the San et Cootest, was the little of thole; and form
The Occession of their influsions was this, Cotesta, Exp
of Alberts, having devoted himself, for the good of his Te,
high, in the Wave with the Heratidis is his San, Maiss and
his services of the Heratidis is his San, Maiss and
took this Occasion of difficility their Monrethy, and Is in
or Kings, created perspensal Occreaters, under the Nam
of Kings, created perspensal Occreaters, under the Nam
this Change, and his Defendation cripy'd it fire a longiste
effect loople, non-lively an Image of Reysity, the very Seterior of Learn. But a perspensal Majistracy, found waits
free levoly, no lively an Image of Reysity, the very Seterior of Learn. But a perspensal Majistracy, found waits
free levoly, no lively an Image of Reysity, the very Seterior of Learn of the Section of Learn of the Section
free levolution of the Section of Learn of the Section
free levolution of the Section of Learn of the Section
free levolution of the Section of Learn of the Section
for the Magilierate, but with Regner.
There were finite perspensal freely, and Section
freely the first shreeted was oftabilitied in the 24th OpeJudd.

Haber the Remark Emperons, freezed Greek and the Section
free the Section of the Sect

page.
Under the Roman Emperors, several Greek Cirles had two
Archons, for chief Magnitrates, which were the same with
the Dummviri in the Colonies and Municipia. See Dum-VIR.

The Name Archon is also applied by some Authors to a vers Officers both civil and religious, under the Eathers of Greek Empire.—Thus Billiops are forentienes called Archonetes and the same may be faid of the Lords of the Empire's Court.

ror's Coart.
We also read of the Archon of the Antimenfes, Archon of Archon, Grand Archon, Archon of Churches, Archon of the Galfes, Archon of the Walls, &c.
The Word comes from the Greek dexes, which figures

a Commander, or one that governs.

ARCHONTICKS, Anction Ticl, in Church-History,
Sect of Hereticks, who arose towards the Close of the second

Century. See HERRYICE.

They were thus called from the Greek Word day Principalities, or Hierarchies of Angels; by reason that held the World to have been created by the Angels. See ANGEL, HIERARCHY.

The Archontics were a Branch of Valentinians. See Va-LENTINIAN

ARCH-TREASURER, Archithefaurarius, the Great Treasurer of the German Empire. See TREASURER.
This Office was erected with the 8th Electorate, in the This Office was erected with the 8th Electerite, and wour of the Elector Palatine, who had lot his formet Electorate, which was given to the Duke of Bau aria, by the Emperor Ferdinand II. who took it away from Frederick Election Palatine, after the Bautic of Prages, where he defeated in maintaining his Election to the Cown of Both Wiles, See Experience.

mia. See Elector The Dignity of Arch-Treafurer is contelled between the Elector of Branfavic, now King of Great-Britain, who claims it in Virtue of his Succession to the Elector Freshield

and the present Elector Palatine. See PALATINE ARCTIC, ARCTIC, ARCTICE, in Aftronomy, an Epithet given to the North-Pole, or the Pole rais'd above our Horizon. See Noren, and Pole.

"It's call'd the Artis Pole, on ecotion of the Conficilation of the little Bear, in Greek call'd &artis, the 11st Suria the Tale whereof, nearly points out the North Pole. See

URSA Minor

URAN Affirer Criefs is a lefter Circle of the Spiron, parallel of Accessed, region is a "go different from the Non-Policy from whence its Name. See Cincuts and Spirans. This, and its Opposite, the Americkia, are called the two polar Circles; and may be conceived to be defented by the operation of the Circles of the Circ

ale of Mufick. See Nove and Scale.

ARCTOPHYLAX, in Aftronomy, a Constellation, nerwife call'd Bostes. See Booves.

otherwife call'd Bootes, See Bootes,
ARCTURUS, in Alframomy, a Star, of the Confiellation Arthophysics, or Bootes, See Bootes.
The Word is form'd of sparres, Bear, and see. Tail, q. d.

Bear's Tail; as being very near it,-It rifes on the first Day of September, and sets on the 13th

If nice on the first lawy of September, and lies on the Tyth out bringing forme Storm. See Star.

ARCTOS, Aacres, in Altronomy, a Name given by the Greek to two Controllations of the northern Hemitphere; by the Latinet called Offs major and minor, and by

process by the reason caused off a major and minor; and by us the greater and little Rear. See Usas, major and minor. Archaron, is used by some Writers in Surgery, for the large Cap of the Bones; as in the Case of Rickets, Se. See Bone, Rickets, Se.

Boxe, K. coxers, Ge.
Ascourans, in Geologiag, it be criting of Trees by
Ascourans, in Geologiag, it is be criting of Trees by
This, Sourier obstrees, it sow the general Method of
Tails, Sourier obstrees, it sow the general Method to
Tailing link Trees are on the braid flow Seed, or that better
This first Thing have done, it is research to the Seed.
Seed. Fig. Askyrino, Se.
This first Thing have done, it is research to the property of the prop

main Branches out of the Root, and on every one of their, as many fide or collateral Branches.

Their main Branches are to be best down to the Ground, and when thus laid quite round, the Stool, and pegged fait down, the finall ones may be ferved in the fame manner. Thus the main Branches are to be cover'd over, all except the

Than the nain Branches as to be cover'd over, all except the Trup; and the finall, or 8de Branches, to be cover'd over two or three inches thick upon the Joint. The may be readed to make them take Ross the better.

About the Middle of Softmaker they may be opened a wife, they may be suffered to the little of Softmaker they may be opened a wife, they may be till best Spring; then taking them applies them to the Naufery. See Neuexer.

ARDENT, Annuas, fomering best, and, as it were, barring. See Heart and Branches. The World's Branch of the Learn Softener, to be them.

ARDENT Fever, is a violent burning Fover. See Faves.
AREA, properly denotes any plain Surface whereon we sik. See Surface.

The Word is Latin, and originally fignifies a Torafring-Floor; form'd of the Verb Arco. See THRASSING. AREA, in Matters of Building, fignifies the Extent of

the Floor. See Floor.
AREA in Geometry, denotes the Compais or superficial Content of any Figure. See FIGURE and CONTENT; fee alfo Superprocess.

allo SUPERIFERIA.
Thus ITA Figure, e.g. a filled, be in Form of a square.
Thus ITA Figure, e.g. a filled, be in Form of a square force lend in Superior land in the Square, of Square force, was a force ever Way. See SQUARE and MARINE.
HESCE, to find the Agree of a Triangle, Square, Parallel Handle, to find the Agree of a Triangle, Square, Parallel Control Figure, to find the Magnitude or Capacity thereof in Figure Mediatro—To do which, for made the Artistate
TRIANCES, SQUARE, PARALLELORAM, RECOMMENDE.

IRLANDER, SQUARE, PARALLELGORAM, RECTANGER, TRATEZION, RNORMER, POLYGON, CIRCLE, 15c.

To find the Area of Fields, and other Incloures; they first furrey or take the Angles thereof, then plot them of Paper, and thus caft up their Concens in Acres, Roods, 15c.

after the fall manner of others that France. after the usual manner of other plain Figures. See Survey-

ING, PLOTTING, &C. INC. PLOTTING, 55c.

The Lies by which the Planets move round the Sun, is this, that a Line or Radius drawn from the Centre of the Sanct and Centre of the Planet, always freeze or deferibles. Elliptic Areas proposed to the Times. Thus, the Sun the Centre of the Planet, always freeze or deferibles being flapsofile of its Annual Planet of the Centre of the Sanction of the Centre A S B. Suppose again, the Planet to be arrived to P; then the Elliptic Space P S D being drawn equal to the other A S B, the Planet will move thro' the Arch P D in the fame Time as thro' the Arch AB. See PLANEY and ELLIVISE.
Sir I. Newton demonstrates, that whatever Bodies do obferve such Law in their Motions about any other Body, do
gravitate towards such Body. See GRAVITATION, and NEW-

gravitate towards have been consumed to the American Policial which makes the Hair fall. See Hairs.

The Area is a general kind of Depikation, and is diffinguifhed into two Kinds, Mopecia and Ophinfis. See Account PRETA, &c.
ARENATION, among Physicians, a kind of dry Bath, when the Patient fits with his Feet upon bot Sand. See

ARROLA, or ARROLA MAMILLARIS, in Austomy, the ircle which furrounds the Nipple. See BREAST.
ARETOLOGY, ARETOLOGIA, that part of moral Phi-

ARETOLOGY, ARXTOLOGIA, that part of moral Phi-lofopher which tracts of Virme; its Nature, and the Means of arriving at it. See Virguz. ARDEN'T Spirits, are those diffill'd from fermented Ve-gerables; thus call'd because they will take Fire and barn. See Spirit', Distributions, and Frankingation.

gerables; thus calt o Decause.
See Spirit, Distillation, and Fermination.
Such are Brandy, Spirits of Wine, &c. See Be Anny, &c.
ARDERS, are Fallowings or Plowings of Grounds.
ARDOR Fenericali, a Heat in the Stomach, pfually
arded to the Stomach, pfually
arded to the Stomach, pfually ARDOR Venericuli, a Heat in the Stomach, usually expressed by the Word Heart-burn, or Cardialgy. See Car-

ARENA, among the Romans, formetimes figuified the fame with Circus, or Amphisheatre, viz. a Place where the Gladiators had their Combats. See Circus, Amphithe

ATRE, &C. ATR. 55° cere's placking, Arrar was only the Piter Special to display of the Piter.—The Arrar was the familiar in thing with regard to the Gliddisons, that the Campin, or Field, was to Soldiers and Armice, are the Piter where they fought.—And It who longly in the Arma was called Brit.—The West so verginally Latin, and figurities Sand, in regard the Place was always freed with Sand, to conceil the Camping Campin

AREOPAGUS, in Antiquity, a celebrated Tribunal of

ARRESTING AND ARREST ARRES Others say that Arespagns was the Name of the whole Sa-burbs of Alberin, wherein shood the Hill on which the Court was built: And the Name Arespagns feems to countenance this last Opinion; for it figurifies literally, the Hill of [Reck of Mars, from zwy 22, Hill, and darks, belonging to Mars, the effect, the Denomination might either arise hence, that to enece, the Denomination might either are netter, that the Arepagus was built in a Place where had been a Tem-ple of Mars; or because the first Cause pleaded there, was that of this God, who was accused of killing Neptune; or offe because Mars was there condemn'd for Adultery.

This Tribunal was in great Reputation among the Greeks; and the Remans themselves had so high an Opinion of it. that they trufted many of their difficult Canles to its De-

Authors are not agreed about the Number of the Judges' who composed this august Court.-Some reckon thirty-one, others fity-one, and others five hundred: In effect their Number feems not to have been fix'd, but was more or lefs

Number leems not to have been fix d, but was more or left, every Year.—By an Interpriptin quoted by Folaterauit, it appears they were then 500.

At fift this Tribunal only confifted of nine Persons, who had all disharged the Office of Archons.—Their Salary was equal, and paid out of the Treasury of the Republick's

was equal, and paid out of the Treatury of the Republick: They had three Obeli for each Guile.

The Arespagites were Judges for Life.—They never lat in Judgment but in the Nighestime, to the Intene that their Minds might be more perfent and attentive, and that no Object, either of Pity or Averfion, might make any Interesting upon them.—All Pleadings before them, were to be in the

spon them—All Readings belove them, were to be in the fingled and ont said (Ferms, without Readings, 18-15), and the first spot of the said of the sai

been chablifi'd by Cecrops, about the Time that Aaron di-ed, etc. in the Year of the World 3555, maintaining with al, that 68m only made form new Regulations in te-lin effect, Demofiberer bimbelf, in his Oration against Ceffpbo, own himself at a Lots on the Point: The Inflittuary of this Tribunal, fays he, whatever they were, whether Gods or Heroes

AREOMETER,
AREOSTYLE,
AREOTICS,

AREOTICS.

ARGAL, or Anoue, hard Lees flicking to the Sides of Wine-Veffels, otherwise called Jarrer. See Tanana. ARGENTUM datum, mentioned in Domenday, figure ARGENTUM datum, mentioned in Domenday, figure in the first state of the Jarrer of Money, or Money given to bind a Barguin ja from Fatter stated belt just the Jarrer of the Jar

Et cepit de predicto Heurico tres denarios de Asgento Dei

SOC CONVENTION. pre monibus. Sec Convergion.

ARGEA, Argara, or Arger, in Antiquity, human Figures made of Rufhes, thrown annually by the Vettals into the River Tyber, on the Day of the Idea of May. Sec

This Ceremony we learn from Foftus and Varro; the

This Ceremony we learn from Fifths and Farry; the latter of whom, however, flys they were cat by the Priefits; Unlets, by Sacridatibus, we imposs he mean Priefielfles. He adds that the Number of Figures was thirty—Pattarely, in his Roman Questions, enquires, Why they were called dryges? There are two Reafons affigued: The first, that the barbarous Nation who first inhabited these Parts, cast all the Greeks they could meet withal, into the Extra, can at the Greeks they could meet withal, into the Tylor, for Argions was a common Name for all Greeiaus: But that Hercales perfuaded them to quit fo inhuman a Practice, and to purge themselves of the Crime, by inflituting this Solemnity—The Socond, that Eucaders, an Area diam, and a learn Lenny of the Argians, to perpetuate that Enmity to his Polierity, order'd the Figures of Argians to be thus eath into the Klyter.—

ARGENT, in Heraldry, fignifies the Colour White, used in the Coats of Gentlemen, Knights, and Baronets. See Colour and White.

Baruns and all Nobles have the white Colour call'd Pearl; and fovereign Princes have theirs called Luna. Without either this or Or, the Heralds fay there can be

Without either this or Or, the Heralds fay there can be no good Armory. See Ok.

Agent is expertified in Engraving, by the Parts being left plain, without any Strokes from the Graver. The Word is French, derived from the Latin Agentum, Silver; this Colour being fappoids the Reprefentation of that Metal:

Whence the Spaniards call this Field Campo de Plata, a

Silver Field. In the doubling of Mantles, where the White is supposed to represent a Fur, and not a Metal, it may be blaced Wette.

ARGILLA, or Argil, a white Earth, like Chalk, but more brittle; of fome Use in Physick. See Earth, Chall,

The Word is famerics allo sded for Posters Earth, or All Col. in Antarquity, a Ship or Verific colorised around the Deeps beginning that wherein the Acquaintt mack the Deeps being has wherein the Acquaintt mack the Deeps being the Acquaintt function for the Deeps being the Acquaintt function for the Delich function from an antise Lamb food for corp, in the fact Telaction for the Acquaint for the Dillich quarted from an antise Lamb food for corp, in the fact Telaction for the Acquaint for the Dillich quarted from an antise Lamb food for corp, in the fact Telaction for the Acquaint for the Dillich quarted from an antise Lamb food for corp, in the fact Telaction for the Acquaint for the Dillich quarted from an antise Lamb food for corp, in the fact Telaction for the Acquaint function function for the Acquaint function function for the Acquaint function function function function function function function funct

Argo, quia Argivi in ea Delecti Viri Vetti, petebant pellem mauratam Arietis.

Ould calle drige a facrod ship, farrant conferent in dr. gam; by readin, lay form, that Athereza contrival the Pas, can be proved to the passes of the passe

LATION.

The Centrality of Authors reprefere the Ship Arge as of a long Make, referabling the modern Gallies—The Skip laties of Joshimoto Moderces, that it was the first long video and the state of Joshimoto Marco and the State of Joshimoto Control of the State of State of

Arco, or Navis, in Aftronomy, is a Confediation of fixed Stars, in the Southern Hemifphere. See Star and Con-

The Stars in the Conficilation Argo, in Protomy's Catte logist, are 8; in Tycho's 11; in the Britannic Catalogue 25; the Longitudes, Latitudes, Magnitudes, &c. whereof,

Stars in the Conftellation Argo or Navis.

Names and Situations of the Stars. Preced. under the Shield in the Stern	_		Long			atite		Mag.
Between the Sail and Lactes	95		10	21	47	26	26	3
Detween the oan and Lactes		2.4	57	46	30	30	11	3 4
	Q.	0	38	IO	46	46	34	6
0.15	8	27	26	26	3.5	18	02	6
Subjeq. under the Shield of the Stern	8	I	34	22	49	14	58	4 5
	96							
South. in the Middle of the Stern	8	27	32	40	3.5	09	13	16
The second second second	80	1	45	40	46	0.5	27	5 6
North, in the Middle of the Stern	0	29	22	16	* 37	32	25	. 5
IC.	8		44	14	44	58	49	2 4
16.	8	28	43	17	33	08	53	3 4 5 6
Preced. in the Top of the Stern	Ω	29	02	00	34	09	45	4
raced, in the rop of the deem	90	3	20	43	42	36	40	4
Preced, of two in the Yard		4	10	24	42	53	10	6
		0	49	33	22	37	35	4
Subfeq. in the Top of the Stern		7	05	31	41	18	24	3
Inform, under the Sail, Tycle								
		5	39	06	38	20	40	5
In the Szil, Tycho		4	46	09	35	26	03	6
the daily 23000		4	15	53	32	06	47	4 5
		3	44	40	3.4	44	10	5 6
		5	13	29	2.2	24	52	6
20-							3-	
Subfeq. in the Yard		5	32	30		. 0		
		5	46		2.2	28	27	4 3
In the Maft, the lowest of three, Tyche		13		09	22	30	10	6
In the Mail, upper			39	49	32	55	23	6
Middle in the Maff		11	13	00	2.4	28	45	5
25.	- 6	14	02	39	30	18	40	6

ARGONAUTS, in Antiquity, a Company of fifty-two or fifty-from Heroes, who embark'd along with Jajon, in the Ship Argo, for Colchos; with a Defign to obtain the golden Fleece. See Argo and FLEECE.

golden Flecce. See Aroo and Flexel.

Hercules, Thefeas, Cafter, Orpheus, &c. were of the
Number of the Argonaus.

Aroonaws of St. Nicholas, was the Name of a miitary Order influted by Chartes III. King of Naples, towards the End of the 14th Century. See Order and

NIGHT.

KRIGHT.

They wore a Collar of Shells, encloied in a Silver Crefeent, whence bung a Ship with this Devile, Now seredo Tempory, I don't trust Time. Hence their Argonaut-Kaights came to be called Knights of the Shell. They received the Order of St. Bafil Archbifhop of Naples, and bold their Affemblies in the Church of St. Nathbats, their

Patron.—
ARGUMENT, ARGUMENTUM, in Philosophy, as defined by Citero, is some probable Matter alledg'd to gain Belief. See Patronstitty, Beller, 15t.

Others, Somewhat more felentifically, define Argument, a Medium, from whose Connection with two Extremes, the Connection of the two Extremes themselves is inferred. See

MEDIUM and EXTREME.

Arguments are divided, with regard to their Source, into those feeth'd from Reason, and those from Authority. See REASON and AUTHORITY.

The Report of the Price of the

PLIFICATION, &c.

**TIFICATION, SC.

The first, are the proper Invention of him who speaks; of which there are several Kinds, viz. Definition, Distribution, Genus, and Species, Form, Similitade, Dissimilitade, Composition, Repagnancy, Admitti, Antecedent, Comference, and Epides. See each in its Place, Devi-quest, Caughet, and Effecti. See each in its Place, Deviquent; canyo, and Lycen. See each in its Piece, Depi-nition, Distribution, Genus, Sc. To their fome add two other Places of Argument, viz. the Manners, and the Paffons. See Manners and Pas-

stores

you can be been seed from hered, and only applied by the Charte has Point in Boad, "stage common Report, Robit, Otality, Terrura, and Winnefer. See Law,"

A has Author divides the Flace or general Heads of Argungaria, with regard in their Eash, into the finement or morning, with regard in their Eash, into the finement or Manufacture, and Winnefer.

A has Author divides the Brancor, and Egistey: See Panavariants, with regard to the finement of Egistey: See Panavariants—Those intended to purifice of lightestic fee Panavariants—And those intended to section of defend, see Accuracy—And those intended to see Accuracy—And those intended to section of the Accuracy and the Accuracy a VINDICATION, &c.

Vanica Arios, §fr. A Arousayr is alife à livid of Syllaba, er Abridgement de hé abhèle d' à Bool, Hilling, Consely, or the like—We gipt the Argument of the Fays. See Pencaura.

Anousayr, in Alfranours, is an Arch whereby we feet another authours Ario; propertions in the fift. See Ascandhar authours Ario; propertions in the fift. See Ascandhar authours Ario; propertions in the fift. See Ascandhar authours Ario; propertion in the fift. See Ascandhar authours Ario; propertion of the Faste from the Sun, numeric according to the See Ario; properties and the Faste from the Sun, numeric according to the See Ario; properties and the first fir

PLACE.

By the been sure Biglier a chiral to Coloration in By the been sure Biglier a chiral to Section 1.

An overstar of the Mont Meditard Longrade, in Ancho the Eccentric, L. P. (24th Afterways, Fig. 52) intercepted between the tree Piace once equated L₁ and a point lower peed between the tree Piace once equated L₁ and a point lower peed between the tree Piace once equated L₁ and a point lower peed to the product of the Apidota.

The counted degenerate of Longrinske, is the Angle DAH.

The counted degenerate of Longrinske, is the Angle DAH.

ing Argiments; of making Inductions, and drawing Con-clusions. See Argument, Induction, Conclusion, &c. See also Discourse, RATIOCINATION, &c.

See allo Discourse, KATIOGINATION, U.C. Argumentation, according to Cicero, is the delivering, or unfidding of an Argument.—The Matter of Argumentation, is Propositions, the Form, their due Disposition with regard to one another. See Proposition, Servensias, En-HYMEME, and SORTTES.

ARGYRASPIDES, in Antiquity, Perions arm'd with Silver Bucklers, of Bucklers filtered. See Bucklers. The Byznajbies, according to Pairste Carries, Ells. iv. 6.15. made the fecond Corps of Microsoft Army; the fift were the Plainer. See Pinalans.

According to Julyin's Account, Lib. xii. e. 7. Microsoft Army and Carries and Carries of the Microsoft International Carries and Carried of the Empire as

far as the Ocean; for a Menument of his Glory, ordered the Armour of his Soldiers, and the Housings of his Horses, to be adorn'd with Silver; and hence commanded them to be called Argyrafpides; from the Greek egyptes. Silver, and arms, Buckler. By this Author it should form that Alexander's whole Ar-

my was called Argyrafpides.—After that Princes Death, the Argyrafpides delpifed all other Chief of the Army, diffaining to obey any other after having born Arms under Alex-

ARGYROPÆA, in Alchymy, the Art of making Silver. See ALCHYMY and SILVER.

ver. See Alement and Silver.

The Scope or Defign of Angyropess and Coryphpeia, is to make Gold and Silver. See Craviorma, Transmutation, Princesoffers, Store, Ed.

The Word is formed of appear, Silvet, and voice, i make:

Porsy

See Pour,
ARIANS, or Arrians, 5 Self of Hereticks, the Re-tainers to Arris, and Advisible. See Arrianses.
ARIANS, Arrival and Arrivalle.
Arrival and Arrivalle.
Arrival arriv

EUDOXIAN, &c. ARIANISM, an antient Herefy in the Church, broach'd by Arius, in the beginning of the fourth

entury. See Anian.
He denied that the Son was Ged confubfiantial and co-

He denied that the Son was Used contribitantial and co-qual with the Father. He own'd that the Son was the equal with the Father. He own'd that the Son was the father that the He own'd that the Son was the general and the Hernical Son that the Hernical and See Training, Son, Farina, 45°. This Herniy was condemned in the first Council of Nice

This Herely was condemn d in the first Council of Nice in 3215 but notwithstanding that, was not extinguished. On the centrary, it became the reigning Religion, eipecially in the East, where it obtained much more than in the West.—At the Time of St. Gregory Nazianusw, the Arians were Mailern of the Capital City of the Empire, and frequently upbraided the Orthodox with the Smallness of their Num.

upbraided the Orthodes with the Smillard of their Numbers. Accordingly with Earler begins in six Orthodis quite the Accordingly with Earler begins in six Orthodis quite the Earler State of the Smillard tineta quam Arianor

titulis a goom Zeronorom.

But the Face of Things was foon changed: Zerozens, a
Spaniard by Nation, published in 1331, a little Treatile
against the Skipter of the Trainty which once more for the
gainst the Skipter of the Trainty which once more for the
therefore the state of the state of the state of the
therefore distribution to the state of the
therefore distribution to the state of the state of the
tame Auguments against the Divinity of our Sationer, and the
the recover Arizon. See Sanzylary of our Sationer, with

tame Anguments against one Department of our Savoles, was the proper Arians. Soc Savariars.

"Its true, Servetas had not, properly focaking, any Difficiples, but he give occasion, after his Death, to the forming of a new System of Ariansips in Genevae, much sufficient than the state of the savoles and which this was likely negative. ing of a new System of prinning in teneura, much uteruser and more artful than his, and which did not a little perplex Calvin.—From Genera the new Arians removed to Pedand, where they gain'd confiderable Ground; but at length degenerated, in great measure, into Stemious. See Sociological Confiderable of the Stemious.

The learned Grotius himfelf, feems to have bordered a little on Arianifm, in his Notes on the New Testament; where he mounts the Father too high above the Son; as if where he mouges the Father 100 high above the Son; as it he Father 4000 were furperme God, and the Son inferior to him even in refreed of his Divinity. And yet 'tis tather the Doctrine of the Sonit-Ariant, him of the Ariant, that he feems to give into—in England, the Progress of Arianting, and the Arianting, and ARIETATION. See BANTIQUARS.

ARIETATION. See BANTIQUARS.

cife; by Tilting, or running at the Quintain. See Ours-TAIN. ARIES. ARIES, in Adronomy, the Ram; a Conficilation, or Sign of the Zodiac. See Ston, Constitution, and Zodiac.

The Stars in the Conficulation Aries, in Ptolomy's Catalogue, are 18; in Tycho's, 11; in the Britannic Catalogue 65; the Longitudes, Latitudes, Magnitudes, &c. whereof, ate as follow:

Stars in the Constellation Aries.										
		ngit.		tit.	Mag					
Names and Situations of 's the Stars.		8 25 8 15	1 9	04 5 ¹ 01 20	17 0					
Preced. Star in the Horn Subfeq. and more northern (Star in the Horn	28 5 29 3	7 '59	8 2	8 18	3					
In the Neck In the Crown of the Head	1 1 2	54 20 10 57 12 15 16 14	10 4	7 1: 6 1: 7 47	6					
10.	40	2 12	11 0	4 02	6					
That under the Lucida Informis over the Head	3 I	5 08 9 18 0 46	9 5 In C	3 29 7 12 5 32	6					
15.	2 4 5 0	3 49	5 5	6 58	6					
In the Nose, the more North	3 4	6 50	7 2	2 45	6					
(of two	3 2 I 4	9 58	6 C	8 45 6 25	67					
20.	5 5 5 4	9 35	10 4	7 44 6 10						
In the Noie the more South In the Extremity of the fore-	4 3	2 25	5 4	3 39	6 7					
(most Foot	3 3	0 19	3 3	3 31	7					
25.	7 1	9 13	4.4	4 07	6 7					
	6 4 6 I		0 0		67					
Informis, alias 16th of the Tri- angle The North, in the Loins	10 1 6 2	0 07	8 4	4 12	56					
	9 4	. 1	6 0	7 56	6					
Informis, ali. 17th of the Triang. The South. in the Loins Informis, ali. 18th of the Triang.	95	9 55	10 5 4 0 11 1	I 56	6 4					
In the preced, hind Knee	9 4	3 43	0 3	4 43 6 14	6					
In Extrem. of the hind Foot, alias Ceti	8 1	7 07	3 2 5 3	4 50	7					
Most northern of the Informes	10 5	2 39	X 5	6 14	6					
Brightest of the Informes	13 5		10 2		3					
In the Leg In the hindmost Knee In the Thigh or Hip, the North	10 4	7 52 5 46	10	9 37	6					
		2 11	0 5	8 58	67					
The South		24		o 63	6					
In the Root of the Tail al. 20th of the Triangle		0 09	3 3 4 c 8 5	3 01	5					
al. 21ft of the Triangle	13 4	4 34	0 4	5 38	7 7 7					
al. 22d of the Triangle	16 3	- 1			6					
· ·	15 0	3 56	7 2: 0 I: I 0	5 22	67					
al. 23d of the Triangle al. 24th of the Triangle 55.	15 30 18 37 18 41	7 56 1	8 5	4 16 8 26	7 6					
Foremost of the three in the Tail The Middle	16 30 17 30	81 0	I 4		4					
	20 1	9 17	8 3	1 19 2 08 9 28	7 7					
Laft of the Tail 60.	19 0	3 42	2 3	4 05	5					
The Middle	19 1	8 49	2 0	4 57	6					
The Third 65.	19 4 21 0	1 15	5 5 2 0 3 4	1 39 2 52 6 01	! ~					

Of this there were two kinds; the one rude and place the other artificial and compound.—The former forms to the other arriness and compound. I have been no more than a great Beam, which the Soldiers bore in their Arms, and with one End of it, by main Force,

nall of the Waiss.

The compound Ram is deferibed by for phus thus: "The Ram is a wait long Beam, like the Mait of a Ship, ilterest, ned at one End with a Head of Iron, fomething refer bling that of a Ram, whence it rook its Name. This have both a publidly mish December 1. bling that of a fish, whence it took its Name. This, hang by the middle, with Report, to another Beum, which lies a crofs a couple of Poffs; and hanging thus equal, belalanced, is, by a great Number of Men, vidently femi forward, and recoil d backwards; and fo finakes the Wai with its Iron Head. Not is there any Tower or Walfs thick or Brong, as to refind the repeated Affaints of the best below the second of the couple of the couple of the best below the couple of the couple of the best below the couple of the couple of the best below the couple of the couple of the best below the couple of the couple of the thick or Brong, as to refind the repeated Affaints of the best below the couple of the couple of the thick or brong, as to refind the repeated Affaints of the best below the couple of the couple of the thick or thought the couple of the thick or thought the couple of the thick or the couple of the couple of the thick or the couple of the couple of the thick or the couple of the couple

M. Feibien describes a third fort of battering Ram which run on Wheels; and was the most perfect and effec-

Virravius affirms, that the Ram was first invented by Virtuanis affirms, that the Ram was first invened by the Carthaginast, while they lad Siege to Cades. This was the simple kind above-mentioned: Pephasimora 27-rian, contrived to suspend it with Ropes; and Petylan, the Thosfallan, to meunt it on Wheels, at the Siege of Phase. tium, under Philip of Macedon

timm, under Philip of Maccolon.

The Engine reposited to the Ram, was called Left-in Mr. Beighten proposited to the Ram, was called Left-in Mr. Beighten proposited to the Ram, was called Left-in Mr. Beighten Mr. Beighten with the Ram of 80 Foot long; said his beighten with the Conference and cold, and florational and the Ram of 80 Foot long; said left-in Mr. Beighten was in great Meditor owning. The Ram was managed at once by a whole Century of the Philip Ram of the Ra

grows out from the Hash of Corn, or Grafa; called als, drown. Sec Corn, lin. in cripinal Groch, figuring, drown the Corn, lin. in cripinal Groch, figuring, graphics of the Corn, and th

ti Bentleianus, &c.

flarebus must Heuttennus, exc.

ARISTOCRACY, ARISTOCRATIA, a Form of pullid Government, where the fupreme Power is lodged in the Hands of the Optimates, i.e. a Council or Senate computed of the principal Perioss of a State, either in refpect or No. bility, Capacity, or Probity. See Government and Optimized Council State of the principal Perioss of a State, either in refpect or No. bility, Capacity, or Probity. See Government and Optimized Council State of the Probit of the Problem TIMATES The antient Writers of Politicks prefer this Form of Go

rnment to all others.—
The Republick of Venice is an Arifforacy. See Regustion The Republick of period is an Antiperacy, occ Revusion.
Aritheracy coincides with Obygarchy, which however, is more ordinarily ufed to fignify a Corruption of an arithmetical State, where the Administration is in the Hands of no few. See Onyolarum.

The Word is derived from ders , optimus, and searies impere, I command, govern.

ARISTOLOCHIA, popularly call'd Birthwert; a medicinal Plant, ufed as an Ingredient in Treacle, &c. See

THERTACA.

Cicero derives its Name from its Inventor Arifabeloss, others, from its Virtues.—These last suppose it form'd from \$400.00, optimus, and Assais, bringing forth young; in regard it is sound of excellent Use in bringing down the becluis, or Menses of Women newly deliver'd. See Locust.

Se.

There are four Kinds of Arifielechia, viz. the readlong, rampant or erceping, and the flender; but only its
two former are useful among as.—The round is of a fubsard
asomatic Tatle, found very common in Languedes, 58%
and Italy: Its Root is of particular Use in facilitating Deivery, provoking the Mienics, and bringing down the Aire
Birth; and is externally applied in vulnerary Trailwas, and

in Waters for Gangrenes in Waters for Congress.

The long Artifolocini likewife grows in Langueste; its Root is used in Opiares, and in Tinchares for the Althurs, and to excite the Menfes; j is Decochion, in Lotions, so faillitate the Delivery of the After-birth, 162.

Befides thefe, there are feveral other Kinds of Artifolio-

Befides thefe, there are feveral other Kinds of Hillings first in America one particularly in Frignia, whole Rea are a field against the Hilton of venemous Beatts, in maigness has confined it to be called Frignian Membrials. The ARISTOTELIAN, founthing that relates to Artificial Degma, Ed. C. The Company of the Artificial Degma, E

ARTES also denotes a battering Ram; being a military Engine much in use among the antient Romans, to batter and beat down the Walls of Places besieged. See MAGHINE. the Son of Nicomachus, bern in the Year of the World 3670 at Stagyra, a Town of Macedonia; whence he is also called At 17 Years of Age he entred himself a Disciple of Plato, d attended in the Academy 20 Years. See ACADEMY.

and attended in the Academy as Years. See Academs to Being then feat on an Embalif from the Atheniass to King Philip, he found, at his Return, that Xenocrate, during his Abience, had put himfelf at the Head of the Aca-demic Sect; upon which he chose the Lyouns for the fu-ture Seene of his Diffurations. See Lyouns. It being his Practice to philosophine Walking, he got the

It being his Practice to philosophise Walking, he gest the Appollation Particution; a whose his Followers were also called Perspatrishes.—They others will have him to have been as the property of the proper

* the Genius of Nature, the Limit of human Understanding; and declares him * fent by Providence to teach as all that may be known—He is accased of a too immoderate Defere of Fame, which led him to defroy the Writings of all the Philosophers before him, that he might stand fingly and without Competitors. And honce, in the Schools, artifolds is called The Philosopher.

is called The Philiphers.

Lastrian, in his Life of Artificts, commentes his Books, on the Namber of 4002 of which factors above no have fairwised one affect of the many for elected of the Heads, the fairt, estings to Foury and Ruberite; the found, to to Phyliches, and the fairth, to Menaphigks. In all which, as there are many Things excellent and invaluable, particularly what retires for Foury, Ruberite, and the Philipse for here are others, in the other Farts, which the Improvement of the Arage have toggle the organized the programme of their Ages, have toggle the organized the Arage of the Arage have toggle the organized and delight.

—See Aristotheran Philosophy.

Aristotheran Philosophy.

Aristotheran Philosophy, the Philosophy taught by Aristotheran maintained by his Followers. See Philosophy.

The Ariftotelian is otherwise called the Peripatetick Phi-losophy; the Rife and Fate whereof, fee under the Article PERIPATETIC Philosophy.

bighly), the Rife and Fam whereof, for under the Antice PRAINATENT CHAPTON, PRINCIPATE, AND CHAPTON, PRINCIPATE, CHAPTON, CHAPTON, PRINCIPATE, CHAPTON, CHAP ed; fimple are those which have fome Power within them-felves, whereby they move, as Fire, Earth, &c. Compound are such as receive their Motion from those others whereof

am field as receive their Motion from those others whereof heap are compossible to the cluer Severe Configuration.

A citizent Motion, Bay the, is a simple Motion. But the Harvess move in a Group's threeffort the Motion of the Heavess are the Group's threeffort the Motion of the Heaves and the Harves in a simple is the a simple. He at simple Motion on only belong to a Theorem to Harves in a simple Body, distingle from the four Elements, which move in right Lines. This Proposition is the Heavile process by sucher Ample, distingle from the Heavile process by sucher Ample, distingle from the Heavile of the Heaves, therefore, is either the one or the other II if he natural, the Heaven's a simple Body distinct from the four Elements, fine the the citizent Motion of the Heaves, therefore, is either the one or the other II if he natural, the Heaven's a simple Body distinct from the four Elements, fine the their citizent Motion for the contrast of the Nature of Heaves, paraments don't move circularly in their natural Motifon: It the circular Motifon: It will be circular Motifon the contrary to the Nature of Heaven, either that Heaven must be force of the Elements as Fire, or formering either Bat Heaven example the approximation of the Elements as a grid in the Elements as a grid in the Elements as a grid in the Elements of the E

van he ary other thing which does not move circularly of in own Nature, it will have fine order, amount Martin with on Nature, it will have fine order, amount Martin which likewife is impossible; for it is move naturally from above downwards, it will be other five or Air; if from above downwards, it will be Water or Earth; orgo, &c.—A that Arguments is this—The first and most pericle of all simple Motions, mult be that of a simple Body, rifectally that of the first and most pericle of all limple holders: Bus the circular that the simple holders is less the circular that the simple holders is less that the circular that the simple holders is less that the circular that the simple holders is less that the circular that the circula

called find and not barried of an illipso between the control of all flample. Notice that the called whose is the first and multi prefixed of all flample. Notice, because every ciscular Line is perfect, and to right the control of the control of

Body diffinit from the circumambient cocs, and which is of a Nature as much more perfect than they, as it is more remote. Such is the Subfiance of his fecond Chapter. In the third Chapter, he affers that the Heaven are incorruptible, and immutable; and the Reafons he gives for it, are—That they are the Aloode of the Gods, that an Deefon has over oblieved, any Alternations in them, \$2e.—

In the fourth Chapter, he attempts to prove, that the cir-cular Motion has no Contrary: In the 5th, that Bodies are calar Medon has no Comerary in the 9th, that Bedies are now infinite; In the 6th, that the Elements are not infinite; In the 6th, he flows that there are not feveral Week of its the 6th, he flows that there are not feveral Week of its heavy by Nature, if there were any other Earth bedied out, it would full upon our Heads, our Earth being the Contra, so which has beary Bedies trade. In the 9th, he case it there were any Body above the Elevens, it must be citable fifteen were any Body above the Elevens, it must be citable friend were any Body above the Mercury of the office some of which is youlide, for Rendon which he draws from the true Kinds of Metera above mensioned. In the from the three Kinds of Motion above mentioned. In the roth, he maintain that the World is rectal, because it is contained to the contained of the contained of the Notice of Incorpolality, and in the state, obscious to the Notice of Incorpolality, and in the state, obscious to these that the World is incorrapible, because it could not the what the World is incorrapible, because it could not the what the World is incorrapible, because it could not Things, Raybe, Eddle other charges affects, or as infinite Space 12 hat what is only infinite one Way, is nother finite to contain the world of the world of the contained of the contained the world of the contained of the contained of the given him in Fill. If the requise more, for him have, the courfe to the Article Parsentze, Elexantze, Tools, Qua-sarticula, Space (Barrant, Flora Alexan, Parsentze, 1871), Charles, Charles, Charles, Charles, Charles, Charles, 1871, Charles, Charles,

RISTASIS, EC.

RISTARS, U.C.,
It were needleds to point out the particular Defects in the
Specimen here laid down, 'tis caly to observe that the
Frinciples are most of them fails and impertanent, and the
Reatenings abland and inconculately, but that the greatef
pure has no diffined Menning at all.
Such is the PhiloSophy, and such the Method of PhiloSophing, of the Gentist of Nature, the Prince of PhiloSophing, of the Gentist of Nature, the Prince of PhiloSophing, or the Gentist of Nature, the Prince of Nature, the Prince of PhiloSophing, or the Prince of Nature, the Prince of Nature, the Prince o

Aristotle.

phers, Ariffolic.

ARITHMANCY, ARITHMANYIA, or ARITHMOMANCY, a kind of Divination, or Method of foretelling future Evens, by means of Numbers. See Divinarion and Numbers. Expression of Numbers, and August The Word is compounded of economic Number, and passes. The Gematria, which makes the first Species of the Jew-ish Cabbala, is a fort of Arithmanoy. See GEMATRIA and

CARRAGA

CABBLA.
ARITIMETIC, ARYPHETICA, the Art of Nembering, so, that Part of Mathematics which confider the Towers and Properties of Nambers, and textuce above the way and Properties of Nambers, and textuce above the Name and Name and

MULTIPLICATION, and DIVISION.

"Tis true, for the facilitating and expediting of Computations, both Mercantile and Adrenomical, diversorber useful Rules have been contrived; as, the Rule of Proportion, of

ARI

Alligation, of Faife Polition, Extraction of Square and Cube Ronts, Progression, &c. But these are only Applica-rions of the first four Rules. See Rule; see also Prores-

TION, ALLIGATION, POSITION, EXTRACTION, &c.
We have very little Intelligence about the Origin and
Invention of Arithmetic; History neither fixes the Author,

Invention of Artifemetic 4, Hillory notifier Exts in Callory, or the Time—In all Probability, however, it mail have taken its Rife from the Introduction of Commerce; and confequency, be of Tyrina Inventions. Gee Constanta Cass. From Alia it patfed mo Expl. (1964-but laws by means of Abraham, Here it was greatly cultivated and improved, informed, that a great part of their Philosphy and Theology, Genro Index turned along their apon Numbers. Hence Olegy, Genro Index turned along their parts of their Philosphy and Theology, Genro Index turned along their apon Numbers. Hence thole Wonders related by them about Unity, Trimity; the Numbers Seven, Ten, Four, &c. See Unity, TRINITY,

rumpers across, Yen, Four, occ. See Unity, Trainity, Trainervis, Eds.; in his Oadip, Agypt. Tom. II. p. 2. flows, that the Agyptiani explained every thing by Num-bers; Pythageras himself affirming, that the Nature of Numbers goes through the whole Universe; and that the Knowledge of Numbers is the Knowledge of the Delty. See PYTHAGORIAN. From Egypt /rithmetic was transmitted to the Greeks, who handed it forward, with great Improvements, which it

had received by the Computations of their Aftronomers, to

the Romans; from whom it came to us.
The antient Arithmetic, bowever, fell far short of that of the Moderns: All they did was to confider the various Divithe Moderns: All they did was to confider the various Divi-tions of Numbers, as appears from the Treatifics of Nies-machin, wrote in the wither Germany of Romes, and that of matter, wrote in Greech, by Pfellin, in the nither Germany from our Saviour, was given as in Latin by Xylander, and 1356—A more ample Wark of the fines Kind, was wrote by Yorksman, in the Year 122-5 published with a Comment of the Comment Articleutics. Insert its periods Text, in variously divided,

by Faber Stepatenty: in 1480.
Arithmetic, under its prefent State, is variously divided, into various Kinds; Theoretical, Pradical, Infirumental, Legarithmical, Namerous, Specious, Decadal, Dynamical, Terradyral, Duadecimal, Sexogefinal, Vulgar, Decimal,

Finite, Infinite, &c.

Theoretical Antrumentic, is the Science of the Properties, Relations, &c. of Numbers confider'd abstractedly; with the Reasons and Demonstrations of the several Rules. See Euclid furnishes a Theoretical Arithmetic, in the seventh,

eighth, and ninth Books of his Elements .- Bazlaamus Monaeighth, and mitth Books of his Elements.—Hazdamust Mona-obus has also given a Theory for demonstrating the com-mon Operations, both in integers and broken Numbers, in the Logistics, published in Land by Okambers, in 16206— To which may be added Lanas de Hurgo, who, is no Italian Treastic publish dis 1235, gives the feveral Divillons of Numbers itom Niomatedur, and their Properties from En-tershipment flowers of the Control of the Properties of the Landscape of the Control of the tractions of Roots, &c.

Prediced Arthureric, is the Art of Computing; that is, from certain Numbers given, of finding certain others whose Relation to the former is known—As, if a Number he required equal to two given Numbers 6 and 8.

The first entire Body of Practical Arithmetic, was given by Nieb. Tartaglia a Venetian, in 1556, confifting of two Books; the former, the Application of Arithmetic to civil Uies; the latter, the Grounds of Agebra. Something had Uses; the latter, the Grounds of Agebra. Something had been done before by Stifelius, in 1544; where we have feveral Particulars concerning the Application of Irrationals, Cofficks, &c. no where elle to be met withall.—

We omit other merely practical Authors which have come

We omit other merely practical Authors which have come from, the Nambes whereof is almoit infinite; as Genma Frithar, Menan, Wingare, &c.
The Theory of Arithmetic is joined with the Practice, and Territory in the State of the

Form of Sylogiums; and Leaguer in our Leterna CTPanns, distributions, 1772—1787. It, it has where the common distributions, 1772—1787. It, it has where the common Rulet are performed by means of Information contribution for Eafo and Diffusion, 1872—1887. More, deficitled under their proper farticle, Six Som. Markanels Information, the Delegiption whereof var published by limited in colories, and the of Parlems, published in the Francisco Microscopic and the Common Co

The best Piece on this Subject, is Hen. Briggs's Arithme-The cert rece on this diolock, a second 1989 Actiona-tica Legaribine, 1624.
To this Head may allo be added, the universal Arithme-tical Tables of Preflapherefes, published in 1610, by Her-cears ab Hobenburg; whereby Multiplication is ceffly and accurately perform d by Addition, and Division by SublitacThe Chinele have little Regard to any Rules in their Cakulations; inflead of which, they ule an Influence, made of a little Plate, a Foot and half long, a croft which are fixed ten or weelve from Wires, on which are true little round Balls. By drawing these together, and days one after canalogy, they course the first standard on the reacher, they course the first standard on the reacher, they course the first standard on the reacher. fing them again one after another, they count, fements after the Manner in which we do by Counters; but with i after the Manner in which we do by Counters; but wish 6, much Eafe and Readinefs, that they will keep pace with. Man reading a Book of Accounts, let him make what E. pedition he can: And at the End the Operation is four compleatly done; and they have their Way of proving a See Coastra.

Numerous ARITHMETIC, is that which gives the Calculu of Numbers or indeterminate Quantities; and is performed by the common Numeral, or Arabic Characters. See Arg. BIC and CHARACTER. Specious ARITHMETIC, is that which gives the Calculus.

Quantities; using Letters of the Alphabet inflesd of E-gures, to denote the Quantities. See Spacious Arithms.

Specious Arithmetic coincides with what we usually call lighters. See Algana.

Dr. Wallts has joined the Numeral with the literal Cal-

Dr. Woller has joined the Nameral with the literal Culus; and by means herrof, demonstrated the Rule; of Frakboss, Proportions, Extractions of Roces, &c. A. Coppendium of which is given by Dr. Wells, under the Title of Eliconetis of Arithmatic, Am. 1698.

Detailed Ass. Naturaters, is that performed by a Serie; of ten Characters, to that the Progrettion is from 10 to 10—800 to 10 to

is the common Arithmetic among us, which makes Use the ten Arabic Figures, 0, 1, 2, 5, 4, 5, 6, 7, 8, 9; after which we begin 10, 11, 12, 85c.

This Method of Computation is not very antient, being attempt and Romans—It was in niterity unknown to the Greeks and Romans.—It was in troduced into Europe by Gerbers, afterwards Pope, under the Name of Spiestfer II, who borrowed it from the Mose of Spaint.—No doubt it took its Origin from the ten Fis-gers of the Hands, which were made ule of in Compustions before Arithmetic was brought into an Art.

The Eastern Missionaries assure us, that to this Day the

The Lattern minimaries asure us, that to run Lay me Indians are very expert at computing on their Fugue, without any Use of Pen and Ink, Lat. Edif. & Cur.—Add, the Natives of Perus, who do all by the different astrangement of Grains of Maife, out-do any European, but for Sureness and Dispatch, with all his Rules; Satury Dall. de Com.

Binary, or Dyadic ARITHMETIC, is that wherein on two Figures, Unity, or 1, and 0, are used. See Binaar

M. Dangicouri, in the Berlin Miscell, gives us a Spec-men of the Use hereof in Arithmetical Progretious where he shews, that the Laws of Progretion may be caller discovered hereby, than in any other Method when more Claraclers are used.

Tetratity ARITHMETIC, is that wherein only the Figures 1, 2, 3, and 0, are used.

We have a Treatife of this Arithmetic, by Erhard Wei-

We have a treatte of this Arthmetic, by Expore wes get: But both Binary and this are little better than Cun-fities, especially with regard to Practice; inasmuch, as the Numbers may be much more compendiously expressed by Decadal Arithmetic, than by either of them.

Decada ATHEMETIC, than by either of them.

Yalger ARTHEMETIC, is that converfant about Integer
and Vulgar Fractions. See INTEGER and Fraction.

Sexagefinal ARTHEMETIC, is that which proceeds by Sitties; or, the Doctrine of Sexagefinal Fractions. See Sext-GESIMAL.

Sam. Repher has invented a Kind of Sexagenal Rolls in Imitation of Nepair's Bones; by means whereof the Sex agenary Artithenetic is cally performed. Decimal ARITHMETIC, is the Doctrine of Decimal Fire

See DECIMAL FRACTION. THOSE DELIMAL PRACTION.

Political ARITHMETIC, is the Application of Arithmetical

Political Subjects; as, the Strength and Revenues of Princes,

Number of Inhabitants, Births, Burials, &c. See Political

Arithmetic. Arithmetic.

Alternative of Infinites, is the Method of fumming of a Series of Numbers confilling of infinite Terms; or of fine ing the Ratio's thereof. So Infinite, Sanies, &c.

This Method was first invented by Dr. Wallis, as appear

This Method was first invented by Dr. Wallis; as appeals from his Opera Mathematica, where he fixes in Ulis Geometry, in finding the Areas of Superficies, and the Carettes of Solids, and their Proportions.—But he Method of Flaxions, which is an universal drithmatic of Infaines, performs all this much eafer; and Multitude of other Thiely which the former will not reach. See Fluxions, CAP

CULUS, &c. ARITHMETIC of Rationals and Irrationals. Sec RATI-

ONAL, &c.
ARITHMETICAL Complement, of a Logarithm, what the Legarithm wants of 10.0000000. See Compas-

MENT.

ARTHUTTELL Molium or Mona.) Ministra.

ARK, or Ane, or Arch, Arcin, in Geometra, Ministra.

Arth, Ane, an in the Sirpeter Language, a kind of floornomy, Gr. See Ane.

Art., Ane., in the Sirpeter Language, a kind of floor
Art., Ane., in the Sirpeter Language, a kind of floor
The Art., Ane., in the Sirpeter Language, a kind of floor
Species of Animals, from the Delage. See Drawow.

The Arthur Monale Language Language, a fine of the Seen,

Nash is compared in harve been an hundred Vears in bandlender.

Arch is a fine of the Archive Language, a fine of the Archive Language

Archive Language, and the Marthur Language

Archive Language, and the Marthur Language

Archive Language, and Language

Archive Language, and Archive Language

Archive Language, and Archive Language

Archive Language, and Archive Language

Archive Languag

see Wustmen, built Herri's Creat Ship in one Year. Add, the Charles of the Control of the Contro ports, that the Ark is preserved entire to this Day on Mount

The Dimensions of the Ark, as delivered by Moses, are I no Dimensions of the 2008, as delivered by Mojet, are 300 Cabits in Length, 50 in Breadth, and 30 in Height; which, compared with the great Number of Things it was to contain, feems to many too feanty. And hence an Ar-gument has been drawn against the Authority of the Rela-

ion.

Georgia Difficulty, many both of the anticer Buther, and latest Critical, have been given uniforable Shifts——
Origen, St. Angellin, and others, maintain, that by the Chylin here fooked, we are a undertined the Englisian Geometrical Cubits, equal, seconding to them, so a vaigar Commercial Cubit, equal, seconding to them, so a vaigar Commercial Cubit of the Commercial Cubit Cubic and Commercial Cubit Cubic among Englisham or Feora—Cubican account for it, by affecting the Servano of Manking, in the fift Ages, to have been ing the Sistane of Mankad, in the first Ages, to have been such greater than in our Days and confiquently the Cabit, which is taken from a Fart of the human Body, problem, and the such as the such a

Thus the distinctional Complements of \$1,000,000 at 100 deep rised. Suppose a better week bligarous, but the substitute of \$1,000,000 at 100 deep rised substitute of the subs

of Administ will be found much finalter than was imagined, not attenuating to real Species of Qualegreeds, not so not of continuous and the second of the se

mail. certifin makes 300 Apartinens. Enthe Foornier 530 the somitions whathout of the Oblitions on General 530 the somitions whathout of the Oblitions on General 530 the somitions whathout of the Oblition of States, and others, (pupole as many Particilons as there different Sorts of Animals—Pelletter only makes 31, vicio 50 for the Birds, and at smarp for the Bellist. His Realion is, that if we fippole agreater Namber, as 330 or 4000 to each of the ciph Perions in the ord, with laws to had 53, each of the ciph Perions in the ord, which was the could still be ciph Perions in the ord, which was the sound of the ciph Perions in the ord, which was the sound of the ciph Perions in the ord, and the sound of the ciph Perions in the ord, and the sound of the ciph Perions in the ord, and the sound of the ciph Perion is the ord, and the sound of the ciph Perion is the ord, and the sound of the ciph Perion is the ord, and the ciph Perion is the ord, and the ciph Perion is the ord, and the ciph Perion is the ciph Perion is the ord, and the ciph Perion is 41, or 50 Stalls to attend and cleanfe daily, which he think impossible. But there is not much in this; to diminish the Number of Stalls, without a Diminution of the Animals,

Number of Stalls, without a Dimination of the Animals, is value if being perhaps, near-chilatle to take care of see Animals in ya Sulls, than in 500.

After company, that all the Animals contained in the Zamer company, that all the Animals contained in the Zamer company, the Animals contained in the Laury enlarges it to 6, \$7 kip, or at \$0.0000. Firster Laury enlarges it to 6, \$7 kip, or at \$0.0000. Firster Laury enlarges it to 6, \$7 kip, or at \$0.0000. Firster Laury enlarges it to 6, \$7 kip, or at \$0.0000. Firster Laury enlarges it to \$7 kip, or at \$0.0000. Firster Laury enlarges it to 6, \$7 kip, or at \$0.0000. Firster Laury enlarges it to 6, \$7 kip, or at \$0.0000. Firster Laury enlarges it to 6, \$7 kip, or at \$0.0000. Firster Laury enlarges in the \$0.0000. Firster Laury enlarges in \$0.00000. Firster Laury enlarges in \$0.00000. Firster Laury e Horfe

Horfs.

As to the Food in the forond Story, it is observed by James Form Cainesells, that yo, or an Founds of Hay out. James Form Cainesells, that yo, or an Founds of Hay out. Hays, as sufally perfield down in our Hay-racks, weight about an Found; to that a figure Cubit of Hay is more than Story Country of the Hay and Hay of the Hay and Hay of the Hay and Hay of the Hay o

soo' Ozen, will afford each more Huy by too thirds, than Elikop Fiditar compared the carrieroes a faintale quivalent, as to the Built of their Bodles and their Food, to y Welver's and hills bere How to Detect. For the former, you want to the Built of their Bodles and their Food, to y Welver's and hill be cally constitued in the two first Stones and Hugh Land to the their Constituent of the their Constituent of the Constituent of the Stones Built of the Stones Buy death or is being a fulfarent with the Stones Buy death or is being fulfarent each of the Stones Buy death or is being fulfarent each of the Stones Buy death or is being fulfarent each and backgloring.

In the Stones Buy death or is being fulfarent to signs a Number and Built of more fulfarent buy the signs a Stones and the stones and the signs and the si

fented too little. ARR of the Covenant, in Scripture, is used for a kind of Chest, wherein where kept the two Tables of Stone, where on God had tagraven the ten Commandments given to Mosto on the Mount, and held in high Veneration renong the Hebrews. See COVENANT.

ARM

The Ark was taken by the Philiftines, and returned with divers Prefents.—It was at first placed in the Tabernacie, afterwards in the Sanctuary of the Temple. See Taber-

attendeds in the Sanctuary of the Lemple. See Labra-Macles, Travelle, and Sanctuary.

Josephus describes it at 5 Palms long, 5 broad, and as many high, 5th Wood, both within Side and without, il-ned with Plates of Gold, and fitted with golden Hinges— The Lid or Covering of the Ark was called the Prophitatary, over which were two Figures placed called Cherubim, a kind of Spirits with Wings of a peculiar Form never feet but by Moles before the Throne of God. It may be added that some Criticks take the Word Cherub, 2002, to be only a Transposition of the Hebrew Letters of the Word Rechib, Charior; and that by the Cherubin being placed over the Ark, we are only to understand that the Ark was a fort of Chariot, on which God fate. See Paopitiatory,

a lott of Charton, or CEREUR, of C.

The Frest to this Day, bavo a kind of Ark in their Synagogue, wherein their facred Books are reposited, in imitation of the aotient Ark of the Covenant.—This they call Aron. Lee of Modena gives a Description thereof, in his Account of the Cassoms and Coremonies of those of his Nation: ' The Jews, fays he, in the eastern Side of all their Synagogues, have an Ark, or Armory, called Aron; in Memory of the Ark of the Covenant. In this are preferved the five Books of Mofes, wrote on Vellam, with Ink

'ved the live moust of mayor, and the made on Parpole, &c. Termilian calls this Ark, Armarium Judaieum; whence the Phatfe, ro be in the Armary of the Synagogue, q. d. to be in the Number of canonical Writings. See Arocav-

ARM, Brachium, a part of the human Body, termina-ting at one End in the Shoulder, and at the other in the Hand. See Body, Shoulder, &c.

Among Phylicians, the Arm only includes that part be-tween the Shoulder and the Elbow; the reft, from the El-bow to the Wrift, being taken into the greater Hand. See

The Arm, in this latter Acceptation, has only one large one, called the Humerus, or Shoulder-Bone. See Huma-

The has five first of Mulion, which see efficied by for Pair of Mulcles, upwards by the Drittides, Spiralpines, and Createrishesity, downwards, by the Tree, to make make, and Createrishesity, downwards, by the Tree, to make make, and the Tree to the Tree or the Tree of the Tree of

The Muscles whereby this Part are moved, are the Bi

cept, Brachiens Internut, Gemellus, Brachiens Externut, Auconeus, Pronavor Radi teres, and Suadratus; Supi-nator Leagus, & Brevis. See each in its Place. The uleal Venzicctions are in the Arm. See Pillede

TOMY, ESC.

Akis, in the Manage, is applied to a Horfe, when he en-deavours in defend himfelf against the Bit; to prevent obeying, or being check'd thereby. Horse is faid to arm himself, when he presses down

obeyints, or being eneck of herebyer.

when he perfils down his Head, and Deads his Next, for an orth the Brackles of the Bridde upon his Bridder; in order to wirshinad do a being the Bridde upon his Bridder; in order to wirshinad do a being the Bridde upon his Bridder; and the Bridder of the Bridder, or red lagon he Bridder in the Bridder of the Bridder, or red lagon he Bridge; in to hive a wooden Ball cover'd with Velvet, or other Manter, part on his Casal, which will be great the Bridder of the Bridder, or red lagon he Bridge; in to hive a wooden Ball cover'd with Velvet, or other Manter, part on his Casal, which will be great him bridger of the Bridder of the Bridder of Riches See Bridder of the Bridder of State of Riches See Bridder of State of the Bridder of State of Riches See Bridder of State of the Bridder of State of Bridder of State of the Bridder of State of Riches See Bridder of Richeston in the Richeston See Bridder of Richeston S

Among Gardeners, Arm is fometimes used in respect of scambers and Meloos, in the same Sense as Branch, of

Cocambers and Meloos, in the fame Senfe as Branch, of other Plants. See Bracent, Catarran, 85°. Awa is afed figuratively for Powerr—The Secular Joing, is the Lay or Temporal Authority of a fecular Judge; to which Recourse is had for the Escandon of the Sentences paid by Ecclarithical Judges. See Securat.

cular Arm. See Inquisition The Council of Antioch, held in 34r, decrees, that Re-arie be had to the Secular Arm to repress those who refuse Obedience to the Church : For secular Arm, they here ule exterior Power.

ARM, in the military Art, Heraldry, &c. See ARMs and

ARM, in the Sea-Language.—A Ship is faid to be armed, when fitted out and provided in all respects for War. See

Shiff, a Crofs-Bar-fhot is faid to be armed, when fame Aifo, a Crofs-Bar-fhot is faid to be armed, when fame Rope-yam, or the like, is rolled round about one End after the Iron-Bar which runs that the Shot, both that the Shot may be the better rammed down into the Gas, sate left the farper Ind of the Bar find clarch into any Many. Camba within the Cyinder of the Piece.

Camba within the Cyinder of the Piece.

Abox, in religion of the Magnet — A feet in form a St. St.

he arnied, when it is capped, cafed, or fet in Iron or Seed to diffingulah readily its Poles. See Macket, Pole &.

The untal Armour of a Loadflone in form of a right: an

The usual Armour of a Loadstone in form of a right-ing of Paralleloppindo, confils of two thin Picces of Stee or Iron, in a figure Figure, and of a Thickness proportions to the Goodness of the Steen; I fix weak Stone have a finne Armour, it will produce so Effect; and it the Armour of a firing Loadstone be too thin, its Effect will not be for confiderable as when thicker.—The proper Thickness Goodness has the strength of the Steep of the Steep of the Goodness of the Steep of the Steep of the Steep of the Steep Goodness of the Steep Goodness of the Steep of c greatest pessible.

The Armour of a Spherical Loadstone, conflist of tea

Steel Shalls fattened to one another by a Joint, and covering Seed Shalls fittened to one another by a Joint, and overing a good hear of the Convexity of the Soine. This all his be filled sway, till the Elifest is found the greaxist—The fargringing to what Degrees the Armous of a Londines with the Londing of the Convergence of the Converge

can do

ARMA dare, q. d. so give Arms, in some antient Chars, signifies to dub, or make a Knight. See Knight. ARMA deponere, to lay down Army, was a Punifilment antiently enjoin'd when a Man had committed an Office. Leg. Hen. I. Arma Molita, were sharp Weapons: Fleta calls them

Arma Emolita.

ARMA Musare, q. d. to change Arms, was a Ceremey used to confirm a League or Friendhip.

ARMA Musare, and the converted Arms; was when a Man was convicted of Treason or Felony. See DRGARDATION, 68.

ARMAN, among Farriers, a Confection of great Efficacy to prevent a total Loss of Appetite in Hortis. See

ARMATURE. See Armon.

ARMARIUM Unguentum, in antient Writers, a fym.

Wassen Sales, whereby Womin erick Ointment, or Weapon Salve, whereby are faid to have been cured at a Distance, by only dreifing

pathesist Ommens, or Welson Salve, whereby Wondthew Commens, or Welson Salve, whereby Wondthew Commens, which was the Welson. Soc Syrary Nature.

ARMED. See Ann and Annas.
Annase, in Headingly, a facility in Property of the Road, Facility of the Property Road, Facility of the Property Road, Facility of the Property Road, Facility of the Salve, Road, Facility of Edward, Commens, American Salve, Facility of the Salve, Road, Roa Horizon.

The Word is form'd of the Latin Armilla, a Bracelet ARMILLA Membranofa, is a Name given by fome A-natomitls, to the annular Ligament. See Annular Liga-

ARMAMENT, a large Body of Forces, rais'd and provided with the Familiare of War, either for Land or Sea

ARMENIANS, in respect of Religion, a Sect, or Division among the Eastern Christians; thus called from Armenian arms of the Eastern Christians; thus called from Armenian arms of the Eastern Christians; thus called from Armenian arms of the Eastern Christians; thus called from Armenian arms of the Eastern Christians; thus called from Armenian arms of the Eastern Christians are called from the Eastern Christ

not among the Lattern Carittina's times called from 200 mins, the Country antiently inhabited by them. See Size of the Armentant, fines the Conquest of their Country Seba disa King of Perfit, have had no fixed Place of the bintion, but are dispersed in divers Parts of Perfit, Tasky, and even from Parts of Europe.—Their chief Employment and even found Parts of Europe.—Their chief Employment

is Merchandife, in which they excel.—The Cardinal de Richlieu, we are told, had a Defign to make an Effablishment of them in France, for promoting the Commerce of

that County.
With regard to Religion, there are two Kinds of Armanian; the oce Catholicia, and faijočt to the Tops, having an Archiffstorp in Porfin, and anstern in Pediad—Nation and Archiffstorp in Porfin, and anstern in Pediad—National Pedia Pe

Azymus, &c.

ARYMUS, U.S.
They abilitain very rigouroufly from eating of Blood and Meats firangied, and are much addicted to Fatting, infomuch, that to here them talk, one would conclude that their whole Religion confifted in Fatting.

"The Monditic Order is in proving Repute among them." The Monastic Order is in great Repute among them, fince one of their Patriarchs introduced that of Sr. Zasti but part of them which have united with the Church of

Rome, have changed their antient Rule, for that of the Dominicans. See Basilian and Dominican.

Dominicani. See Basilian and Dominican.
Armerian-Some, Laput Armentis, in natural Hitlory,
called allo Lapis Stellatus; is a kind of precious Stone, nearby refembling the Lapis Lazuli, except that it is fofter,
and initead of Veins of Gold, is intermixed with Green.
See Syonk and Lazuli.

Boerhaave rather ranks it among Semi-Metals; and fup-poles it composed of a Metal and Earth.—See METAL.— He adds, that it only differs from the Lazuli in degree of Maturity; and that both of them feem to contain Arlenic.

See ARSENIC.

See Arriva and Trei, Hungary, and Translivania; and is used both in Mošic Work, and to make that becausiful Blue Colour called Jastre. See Arvax and Monanc.

America and Monanc.

America and Johns Armenus, or Zeit Brownine, is a native Bole or Earth, brought from Armenia. See Box. and Exeru.

and Eazer.

Some conjecture it to have a Mixture of Iron in its Competition—That which is publis, red, left, fautifit upon the position—That which is publis, red, left, fautifit upon the form of the competition of the comp

and with the Sound of Transper. See Frazz.

Some define Annihilprim to have been Facil, wherein Borne define Annihilprim to have been Facil, wherein Borne define Annihilprim to have been Facil, where the Borne define Annihilprim to the Borne Facility of the Borne define the Bor

ARMINGS, in a Ship, are the fame with Wast-Clothes being Red Clothes, hung about the Outsides of the Ship being Red Clothes, hung about the Outfides of the Ship's Upper-works, fore and aft; and before the Cubbridge Heads.—There are fome also hung round the Tops, called

Top-straing.

ARMINIANISM, the Dockrine of Arminius, a colektated Pootfier in the University of Loyden 3 and of the Arminium, a Seet which follow him.

Arminium, a Seet which follow him.

The Arminium of the Arminium of the Conminium, and the Arminium of the Contracts of Caldiva, with regard to Tree-will Predictination
and Grace, not fevere, they have returned to thole of the
Romili Charris, and miniani, that there is an university
Grace given to all Meny that Man is always free, and at
William of the Contract of the Contract Preserved

William of the Contract P

WILL GE.

Gener, Arminiu's Collegee, flood firencoully up for a puricular or field Grace, flore only to thole who were field and fire a politic Decree both of the Bellion flore of the General College and the politic Decree both Excellent flower of the General College and College an

ARMINIANS, a religious Soft or Parcy, which arole is Holland, by a Separation from the Calvinifis. See Armi-

The Arminians are fometimes also called Remonstrants; by reason of a Remonstrance which they perior of to the States General in 1611, wherein the chief Articles of their

Since General in 1611, wherein the chief Armica of their Fath were lide down. See Raysoury-Rach Turker that The letter dynamicas carried Things much finite that The letter dynamicas carried Things much finite that The letter dynamicas carried Things much finite that the life of the letter dynamicas and the letter of the life of

point of Association (fine Statemation of), raff biuministant, and year article amountant of), raffic biuministant of the Child Statematical (fine coline). The coline of the called interest of the called in

and others, think he elects no Perfon from all Eternity, and only clocks the Faithful, at the Time when they actually beonly olchi the Faithful, at the Time when they abully be-lieve. They peak very milespoonly of the Preclaime of the Preclaime of the Preclaime of the Preclaime of They look on the Declinic of the Times. Head of Arminista. They look on the Declinic of the Times are capital to a done the order of the Times of the Times of the Times of the Preclaim of Times of the Times of the Times of the Times of the Fatter. And they generally avoid the Word Statisfication of Christ. The Tiplesten declares, that Jefan Christ has made Markind. On the Times of the Times of the Times of the Markind. Mankind.

Mankind. They profe with a great deal of Earnedineis, a general Toberstive of all their who profes the Christian Relinion; a Three profess of all their who profes the Christian Relinion; a Polisies. As it has been been been considered in the effects of the best were been decided the hority, which of the many Ways is the true one, and the most agreed less to the Word of God, it they ought all to combine on the finne Pooting, to compute one Christian with the case of the contract of the Christian Relinion and the Christian Relinio

ebugges wyb o quit their own Serilianans, et embrate shell Their principal Wetten are draining. Réligoiting, not all Geriting, in which may be added Carcellars, who has collis-of graining in which may be added Carcellars, who has collis-ted to the state of the state of the state of the state of Lippiding, with he Addition of many facts of the yele as-—The Carcellars, it must be owned, at and the yele as-—The Carcellars, it must be word, at and the yele as-—The Carcellars, it must be word, at and the yele as-ARMSTCIL, demothering, a fact reason, tentangent of Arm for a first Trace, or Carliars of ARMSTCIL, and the state of the state of the state of Arm for the state of the carcel of the state of the state

gion Cyrennic.

This Salt believe on source found in their Places, found This Salt believe on source with the salt believe on the state of the state

Its Characters are, that it cools Water, turns Agua Fortis into Agua Regia, and confequently diffolies Gold; that it fublimes by a large Fire, and affords a pungent urinous Sayor.

tablimes by a large Fire, and attents a pungent unnoun caver. See Aqui-Recia, Uninvolution, 15th.

The modern Sai-Armeniae, called allo Ayna Cateflii, is held by fome to be native, and to trickle out of the Ground about Mount Vefuvius, Atua, &c. in Form of a Liquer;

which, when filtered and infpiffated, becomes Sal-Arnw-niac.—But'tis certain, all the modern Sal-Armoniae is com-pound and facilitious; confifting of a Mineral, a Vegetable,

and an animal Sait combined together.

Iodeed, though there fearce be any Drug more common than Sai-Armoniae, the Public has been entirely at a Lofs, both as to the Place whence it comes, and bow it was made ; all we knew for certain, was that it came from the Levant,

all we knew for certain, was that it came from the Leavar, and was a voisile unions 28th, percented by as Aclé-Pather. Stard, the Jehier, has a length removed the Vall,—Pather Stard, the Jehier, has a length removed the Vall,—This Stift, right and the Pather of the Pa coalcice, harden, and form a whitifh Mass, which is the Sal-Armoniae—It must be added, that all Soot is not fit for the Purpose, but only that exhaling from a fort of Fuel

made of Dung.

medie of Dany,

compared to Dany

There are various Preparations of this Salt, in the modern Pharmacy; as

Sublimate of Sal-Armoniac, of like Virtue as the purified.

Sec Sublimation .-

Armoniae, of a very penetrating and deobstruent Nature, and recommended in all Kinds of Obstructions, Cachesies,

Jaundice, Dropties, &c.

Spirit of Sal-Armoniac—Of this we have various Kinds, which derive different Denominations and Properties from the different additional Ingredients the Sait is distilled withthe different additional linguedictus the Sar is diffused with-air. As-Shrift of Sal. Ammoniac with Tarter, with Buick-line; with Amber; with Steel or Iron: Seeser Spirit of Sal. Ammoniac; Axid Spirit of Sal. Ammoniac; Disrerie Spirit of Sal. Armoniac, &c. ARMOR, Or ARASONA, a defensive Habit, wherewith to cover and focure the Body from the Attacks of an Ene-

See Anms.

y. See hams. Such are the Buckler, Cuiraffe, Helmer, Coat of Mail, Such are the Bunkler, Chiraffe, Himmer, Cart of Mail, Gandate, (f. See Benezata, Cristanas, Hizatez, Gert Mail, Gandate, Garde, Garde,

the Head and Neck.

Of all this Furniture of War, scarce any thing is now rerained. The Gallantry of going to the Battle naked, without any defenfive Armson, prevailed to far, that the French, during the Relgn of Louis XIV. were obliged to be continually iffuing Ordonances to retirain it; in confequence of which, the General Officers, and those of the Cavalry, were obliged to

refume the Cuiraffe .reliano the Guiraffe.—

Coat-Aragons, is the Efeutcheon of any Perfon, or Family,
with its foveral Charges, and other Famirare, as Mantling,
Coeff, Supporters, Motto, 65: See Escuretoson, Guaroa,
Crasy, Manyling, Supporter, Motto, 65:
Thus we fay, a Gentleman of Coat-Armour, meaning
on who beats Armar. See Coay, Arasis, Centerman, 65:

The complete of the Coay, Arasis, Centerman, 65:

Control of Coay, Arasis, Centerman, 65:

Coay, Arasis, Centerman, 65:

Coay, Arasis, Centerman, 65:

Coay, Arasis, Centerman, 65:

Coay, Carther Coay, C

ARMORY, or Armoury, a Store-house of Arms, or a Place wherein military Habiliments are kept, to be teady for Ufc. See Anms.
There are Armories in the Tower, and all Arienals, &c.

See Towns and Assanat.

Armony is allo uted for a Branch of Heraldry; being the Knowledge of Coat-Armours, as to their Blazon, arvarious Intendments. See Heraldry; fee allo Coay.

various Intendments. See Herardby & Galle Galle, Amoure, Brancy, & Kinds of Weapons, whether for Defence, or Officers, & Western, Derrace, & G. Rams, & Anan, all Kinds of Weapons, whether for Defence, or Officers, & Western, Derrace, & G. Bayone, Flice, & Geo Swon, Gon, & G. Bayone, The C. See and G. Sand, & G. Bayone, The C. See and G. Bayone, The C. Bayone, The G. Bayone, G. Borophi in the Halband, Book, Arrow, Arbay, & G. Boophi in the Halband, Book, Arrow, Arbay, & G. Boophi in the Halband, Book, Arrow, Arbay, & G. Boophi in the Halband, Book, Arrow, Arbay, & G. Boophi in the Halband, Book, Arrow, Arbay, & G. Boophi in the Halband, Book, Arrow, Arbay, & G. Boophi in the Halband, Book, Arrow, Arbay, & G. Boophi in the Halband, Book, Arrow, Arbay, & G. Boophi, & G. Bo

The Word is formed from the French Arnes; which Niced derives from a Latin Planck, Quad spectrum arms, the three to be brought from Arnas, which Farre derives a Arcenta of Arce to Battle.-

to Battler, and Sones, &c. even of Benk, appear to have bon Arms of Sones, &c. even of Benk, and Sonel. Arms of Sones and Sonel. Arms of Sonel, and the Battler, Arms of Benk, arms of Benk, and Phorosch with a Cark and Backler. In the Eye of the Law, Arms, Arms, are extended town Thing which a Man takes in his Hand in his Wirth, to set are of the assorber. So Comption—Amoraton application are of the cashed.—So Comption—Amoraton application in the Sonel Sonel

ubique Scuta & Gladios & Galeas fignificat, fed & Fuffet

Anns of Courtely, or Parade, were those used in the antient Justs, and Tournaments. See Just and Tourns.

MENT.
These usually were Lances not shod; Swords without Edge or Point; and frequently wooden Swords, or em

Canes.

Paß of Anms, was a Kind of Combat in use among the antient Cavaliers. See Pass of Arms.

Place of Anms, in Fortification, Se. See Place of

Pluce of Anass, in Escrification, Sc. See Peacs of Parass, are also the natural Waggers, or Plus to be force of Bestley as Claws, Teeth, Tusks of Elephan, Besk of Bind, Jr. See Bitts, Taxon, Plus, Sc. Bestley and Claws, Teeth, Tusks of Elephan, Besk of Bind, Jr. See Bitts, Taxon, Plus, Sc. See Bitts, Taxon, Plus, Sc. See House, Plus, Sc. Anass, or Anastra, Bidda, Coats, French, Cooten, They are called "Arms, in regard they are been griegably on the Buckler, Cairoffe, Banner, and order of Cont. Armson, Co. Locale Anastra, or Anastra, Ola, Cont. Of Arms, in regard unreheaded on Secons, 10%. See Coats, 10% of Arms, in regard unreheaded on Secons, 10%. See Coats, 10% of Armson, Acc. Locale Anastra, Inc.

Arms make the Subject of the Att of Heraldry. See HERALDRY and BLAZO

Three Flowers de lys, in a Field Azure, are the Arms of France.—The Arms of England are three Lyons.—In the Arms of Great British are Quartered the Arms of Paster. Brighand, Scotland, and Ireland. See Quarter and Quarter

TRAING.
There has been a great Difpute among the Learned short the Origin of Arms.—Pairis will have them to have been from the Beginning of the World's, Segair from the Tail of Noab's others, from that of Offiris, which is tuperous by fome Pallages in Dishotory. Scientis; others, from the Times of the Abbrevos, in regard Arms were given to the Arms. Sec. 1991. Splane, the reader Tribe. 2004. & Ohes.

Others will have them to have taken their Rife in the heroical Age, and under the Empires of the Affyrians, Medes, and Persians; building upon Philostratus, Xenophon, and Quintus Cartin

and Binarus Cartini.

Some percent de la legione de la legione de Rulles of Some percent de la legione de la legio Original of the Lewis of noble Samilies—Cenderla has ob-fored disorthing like this of the anions PHH, and Thritons, who going naked to the Warr, painted their Bodies with Blazosa, and Tiggers of diverse Colour, which he furpoics divided by Kindrede. Yet Spilman for, that the Sween, Danast, and Normants, first brought Arms from the North into England's and thence into France. Then the whole is a certain, that Groung we were

BLEM, HIEROGLYPHIC, Sc.

SEAM, HEROCUSPING, 525.
BEGGG ABRIUM, even the Lagle was not the conflant Engine Reference of the Connection of the Conn lies, were not known before the Year 1000. And feveral have even endeavour'd to prove, that the Use of Arms did not begin till the Time of the first Croifades of the Chri-

son begin till the Time of the first Conflates of the Chef-lina in the East. See Cassanza.

The Truth is, it was the anisotr Tomanescent the con-tract the Chef-ter of the Chef-lina anisotropic of the Chef-lina anisotropic of the Chef-ter of the Chef-der of the Chef-ter of the Chef-ter

Such of the Nobility and Gentry as croff'd the Sea in the Expeditions to the Holy Land, also afturn'd these Tokens of Honour to diffinguish themselves.

Honour to diffinguish themselves.

Before thefe Times, we find nothing upon antient Tombs but Croffes, with Gothick Inferitions and Representations of the Persons doceased. The Tomb of Pope Clement IV. who died in 1268, is the first whereen we find any Arms; wand unter in 1200. Is the arit whereon we find any Arms; nor do they appear on any Coins flruck before the Year 1336. We meet with Figures, it is true, much more an-tient, both in Standards and in Medals; but neither Cities

uent, both in Standards and in Medals j. bat oeither Cities one Princes ever had Arms in Porns, nor does any Authur make mention of Blasoning before that Time.

Originally, some bat the Noblity had a Right of beating, Arms; but King Charles V. having canobled the Patrilans, by his Charter in 1371. he permitted them to best Arms: From whose Example, the more eminent Citizens of other Places did the lilk.

Armis: From wome cassings, the more distinct. Amendment of the Chiginal afteredisty Armis In-Signal and Cambra Terfers to Chiginal afteredisty. Armis In-Signal and the Time of the first Norman Kings. He fays their Uli was fewer in the control of the other time of the first Norman Kings. He fays their Uli was fewer in cities that Time, the San always bore different Armis from the Patter—Always the Game Time San always begin to the Chigan San and Chigan

ABATEMENT, 85c.

"Tis a Rule, that the fimpler and lefs divertified the from the more noble and antent they are.—For this Rea-fon, Garcias Ximones, first King of Navarre, and his Suc-cessors for several Ages, bore only Gules, without any Figure at all.

The Arms of Princes of the Blood, of all younger Sons and junior Ramilies, are not pure, and full; but diftinguith-ed and diminished by proper Differences, Sc. See Diese-

Charged Arms, are fach as retain their anticut Integrity and Value; with the Addition of fome new honourable Charge or Bearing, in Confideration of fome noble Action. See CitaRey.

King at Arms,
Herald at Arms,
Pourflivant at Arms,
College of Arms,
College of Arms,

ARMY, a Body of Soldiers, Horfe and Foot, divided into Regiments, under the Command of a General, with feveral Ranks of subordinate Officers under him. See Soc. DIER, GENERAL, OFFICER, REGIMENT, &c. for also

DIER, GENERAL, OFFICIA, REGIMENT, ES. Ice allo CAVALEY, INFANTEN, ES. This is to be underflood of a Land Army.—A Natul or Sea Liny, is a Number of Ships of War, equipped and mann'd with Marinos, under the Command of a Admiral, with other inferior Officers under him. See Navy, Admir-

with other interest concess under them. See Sart, Black RAL, Suite, Sée. We fay, an Army ranged in Form of Bittle—The March of an Army—The Retreat of an Army—The Review of an Army, Sec. See Militia, Battle, March, Retreat,

Army, Sc. Sc. Militia, Battle, March, Retreat, Review, Cang, Sc. An Army is ufully divided into three Corps, the Vanguard, Rearguard, and Main-Body. Sce Vanguard, Rear-guard, and Bony.

Armees are also ranged in Lines, Columns, Sc. with

Wings. See Linz, Column, Wino, &c. with Wings. See Linz, Column, Wino, &c. Our Armies antiently were a fort of Militia, composed chiefly of the Vastals and Tenants of the Lords. See Vas-

chiefly of the Variassand Ionants of the Lords. See Vas-sat, TRNAN, LORD, SERVICE, MILITIA, &C. When each Company bad stryed the Number of Days or Months enjoined by their Tenure, or the Cuftoms of the Fees they held; they returned Home. See TrNURE, FRE,

The Armies of the Empire conflit of divers Bodies of Troops, furnished by the several Circles. See EMPIRE and CIRCLE.

Gircir.

The Groß of the French Armies under the Merovingian
Race, conflited of Infantry. Under Pepin and Charlemoign;
the Armies conflited almost equally of Cavalry and FoorBut since the Declension of the Carleoingian Line, the Rees But have the Declemon of the Carloningian Line, the Fees being become hereditary, the national Armies, fays to Gendre; are chiefly Cavalry.

The Armies of the Grand-Signior confift most of Janizaries, Spabi's, and Timariots. See Janizary, Spanis, and Timariots. ARNODI, in Antiquity, the fame with Rhapfedi. See

RHATSODI.

The Word is compounded of the Greek spres, a Lamby which was their usual Reward; and a ps. Song, Singing: ARNOLDISTS, ARNALDISTS, at 10 of 50 ctarses in the XIth Century; that called from their Chief, Arnald of Broffe.—He decisimed much against the great Wealth and Possessions of the Church, and preached against Bay.

tifm and the Eucharift tum and the Bucharth.

After rating great Dilurbances at Breffe and Rome, he was hang'd at this latter Place in 1755, and his Afhes call into the Tyber.—His Dilciples were also call'd Publicans; or Poplecans.

M no AROMATIC.

AROMATIC, Anonavireur, is underthoud of a Diege, Piant, or the like, which yields a brids, speccable Small, and a wirm, fighty Televars, Berding, Glamaner, Misc. Sock any Franktierenfe, Stevens, Senden, Glamaner, Misc. Sock and Franktierenfe, Stevens, Sock of the Stevens of the Steven

The Aronaticum Rofatum, is a compound officinal Pow-der, made of Red Rofes, Liquerice, Aloes Wood, Yellow Saders, Glonamon, Clores, Mace, Gum, Trageanth, Natmegs, Cardamums, Galingals, Sylicantd, Amber-gracia and Mark mix d together—it is chiefly preferred in Cordial and Cephalic Baies and Electanitee, to fureightee the Stomach and Head, which all Aromatich have a Ten-

Some Writers give the Title Aroma Germanicum to Ele-campane, as preferring it, in that Intention, to Ginger itself.

Sec Excampans, &c.

Aromaticks are of particular Service in cold cachectic Habits, where the Load of Humours has been forced away by bits, where the Load of Humbars has been stored abby by freeqo Beregness and Catharities, as a they cand to firregith-freeqo Beregness and Catharities, as a they cand to firregith-fer the strength of the strength of the strength of a Brody or in the Intervals thereon, to fertify the Springs, and prevent a filling again. See Daorsv. ARCNDE, in Fortification. See Queue a d'Arinde. ARFAGUS, in anticne Inferiptions, fignifica a Child who died in the Coadle. See Davest to white decaring—They

The Romans made no Funerals for their Arpagi.—They neither burnt their Bodies, nor made Tombs, Monuments, or Epitaphs for them; which occasioned Juvensi to say,

-Terra clauditur Infans Vel minor igne rogi.

In after-times it became the Cuftom to burn fuch as had lived to the Age of 40 Days, and had cut any Teeth; and their they called Rapti.

The Word Arpagus fignifies the fame thing in Greek.

Enflatbins affures us, it was the Cuftom among the Greeks never to bury their Children either by Night or full Day, but at the first Appearance of the Moraing, which they cal-

d, Huises devayin ARQUEBUSS, or Harqueruss, a large Hand-gun, mething bigger than our Mulquer; and called by some

fomething bigger than our Musquer; and called by fome a Calleury. See Hanquanus.

Anquanus a Cree, is a fort of small Fort-Arm, which carries a Ball of about three half Onuces; now only used in old Callier, and fome Garlions of the Prench.

The Word is derived from the Italian Arcabuffe, or Arcabuffe, or Arcabuffe, or Arcabuffe, and the See Remain Studies.

abuse, form'd of Arce, a Bow, and Busic, a Hole; because of the Touch-Hole of an Arquebust, which succeeds to the Use of the Bow among the Antients.

Use of the Bow among the Antenius. Signifies to fet a ARRABON, or Ankana, to Law Ananacasan. ARRABON, or Ankana, to Law Ananacasan. This, he is field to deraign a Writ of Novel Difficility. The he perpers and fine it for Trial before the Judices of the Circuis. In this Sectio Estitution Say, the Ledice arranged as Afflice of Novel Difficility.—To arriging the Afflice, is to cause the Tenant to be called to make the Plain, and not be the Cloude in Selfo Order, as the Tenant may be forced to the Could in Selfo Order, as the Tenant may be forced to wer thereto.

A Prisoner is also said to be arraigned, when he is indicted and brought forth to his Trial. See Indictment.—

Spelman is of Opinion the Word should be written Arrame, from Arramare, and that from the old Freech Arraraum, from drammer, and that from the old Precch Arra-mir, i.e., Jenner, promitter, Solomatier profester. Veri in the Register we find no find Word as Arramare; but in all the Wint of Allies, but Vera-Boods, Sec. in is Arramare; and the Arramare in the Arramare in the Arramare in seri, i.e. of rationer, possible and Man to answer in Ports of Law, which council from the Draftsons Laint Agrantamer, i.e. plantare—In which Sonfe, to arrange a Criminal, is posses are und rationers. ARRAGONMENT, or ARAMANDAMER, in Law, the Art of Arrangement of Sections 2 Talong in Order. See As-

ARRAIATIO Peditum, the arraying of Foot Soldiers

See Annayino.
ARRAS-Hancines, a fort of rich Tapelity, made at
ARRAS-Hancines, a fort of rich Tapelity, made at
Arras lo the County of Arrais in Handers. See Tapenry.
ARRANOEMENT, or Randsmarry, the Dilipotition
of the Parts of a Whole, in a certain Order. See Pany and

The modern Philosophy shows us, that the Divertity of Colours depends entirely on the Situation and the Arrange-ment of the Parts, which restect the Light differently; the Diverfity of Tatte and Smells on the different Arrange-ments of the Pores, which render them differently fentible; and the Diverfity of Bodies on the different Arrangements of their Parts. See Bony, &c. The happy Arrangement of Words makes one of the greatest Beauties of Difcourse. See Construction, Sc.

ARRAY, in Law, the ranking or ordering a Jury or Inquest of Mon impeaned'd on any Cause. See Jury, In-

laquel of Men impancel on any Cusic. See Juwr, Ins-Curan, Ciffic of the bed deviced dates from the obblican Circuit of the Curan Ripys, a Linac-House the Verte, to dryray of Zuszel, Ann. 1 Hen. V. Cir., q. d. to the forth the Man empancied one by another. The dravy final be qualled, it. by the Status; every errory in Alian length the "reps"; the Cusician—Lience Life, to chal-length the "reps"; the Cusician—Lience Life, to chal-length the "reps"; the Cusician—Lience Life, to chal-length the "reps"; the Cusician—Lience Life, to chal-rune, for fact. Officers as had care of the Sadders Armeter, the Cusician Cusician Cusician Cusician Cusician Cusician Accountants (p. Coll and Lience Life, See Asserts).

ACCOUTELMENTS, UC.

Such were the Commissioners of Array, appointed by

ARREARS, or ARREARAGES, the Remains of an Ac-

ARRARS, or ARRARANCIA, the Remains of an Account or a Sam of Money remaining in the Hands of a count or a Sam of Money remaining in the Hands of a Theorem of Rees, or Money small and the Cline; whether they be Rents or a Munn, or any other Thing referred.

The Word is allo aled more generally for a Remainder of Rees, or Money on any other Thing referred.

The Money of the Remain of the Munny of the Money of the Competence of the Letters, and that a signal, and estimated of his Letters, for Debt, fee, he is take to be arrighted, as part See Art X-EMBERS, but are more than the Munny of the Competence of the Letters, for Debt, fee, he is take to be arrighted, as part See Art X-EMBERS, but are more than 14 letters of the Letters, for Debt, fee, he is take to be arrighted, as part See Art X-EMBERS, but are more than 14 letters of the Letters, and the Letters of the Letter

give fuch Liceoles for a yearly Rent.

ARRESTANDIS Souls see difficulture, a Writ which
lies for him whose Cartle or Goods are taken by another,
who, during the Controversy, makes, or is like to make
them away, and will hardly be able to give Satisfaction for

tnem atterwards.

ARRESTANDO issimm, qui secuniam recepis ad proficificendam in Obsoquium Regus, &c. is a Writ which lies for
the Apprehension of him that hath taken Freil-Money for
the King's Wars, and hides himself when he should go. See
Pazar-Joney.

Frast-Money.

ARRESTO facto fuper bonis Mercatorum Alienigeno-rum, &c. is a Writ which lies for a Denizen against the Goods of Strongers of another Country found within this Kingdom, in Reconspece of Goods taken from him in that Country, after he hath been denied Reflitution there. See

This among the antient Civilians, was called Clarigatio, ow berbaroully Reprifalia. See CLARIGATIO and REPRI-

ARRETED, ARREVATOS, is fometimes used in our antient Law-Books, for imputed, or laid to; as, No Felly may be arreted to one under Age.

ARRHABONARII, a Sec in Religion, who held that the Eacharit is neither the real Field and Blood of Christ, nor yet the Sige of them, but only the Fledge or Earnett

The Word is derived from the Greek 'AspaCar, Arrha,

ARRHA, ARRHES, or Argentum Dei. See Earnest. Sec.

dec.

ARRHEPHORIA a Ford among the Abbraians, intitude in Honour of Minrous—Boys, or, as form [19,

the Minrous—Boys, or, as form [19,

The Word is derived from the Grock 'Agentius, which
is compoled of derived from the Grock 'Agentius, which
is compoled of degree, Mightey, and sys. Latery—The
Feat was alio called Herifthoria, from Herif the Daught

For O'Lergib, on whole secure it was elibabilith, a Daught

The Minrous and Minrous Agentius Company

The Minrous and Minrous Company

The Minrous and Minrous Agentius

The Minrous Agentius Agentius Agentius

The Minrous Agentius Agentius Agentius Agentius

The Minrous Agentius Agentius Agentius Agentius

The Minrous Agentius Agent

ARRIERE,

ARRIERE, a French Term, literally fignifying the Mind, or fosterior Part of any Thing; usually wrote in Euglish, abridgedly, Rear. See Rana.
ARRIERE-Ban, or ARRIERE-Ban, in the French Customs,

is a general Proclamation, whereby the King fummons to the War all that hold of him; both his Vaffals, i.e. the No-bleffe, and the Vaffals of his Vaffals. See Vassat, Te-Nuna, iff...
To the Provoil of Paris belongs the convoking and commanding of the Arter-Ban. See Theorem, See. Afficiency and Afficiancy and Afficiancy and Afficiancy and Afficiancy and Afficiancy and Arter Afficiancy and Afficiancy and Arter Afficiancy and Arter Afficiancy and Afficiancy Afficiancy and Afficiance Afficiancy and Afficiance Aff NURE, &C.

other superior one. See Fee.

These commenced at the Time when the Counts and Dukes, rendering their Governments hereditary in their Fa-milies, distributed to their Officers certain Parts of the royal Domsins which they found in their Provinces; and even Domains which they found in their Frevances; and even permitted their Officers to gratify the Soldiers under them, with Parts thereof. See County, Dune, gr. Arribae, See Keran-Guera.
Arribae, Seuran. See Rean-Guera.
Arribae, Fajisi, or Tenent, the Valida or Tenent of another Valida or Tenent. See CASSAL, TRANKY, Sc. fee also

ARRIERE-FEI

ARRONDIE, in Hendery, a Cross-Arrendie, or round-ARRONDIE, in Hendery, a Cross-Arrendie, or round-ed, is that whole Arms are compoled of Sections of a Circle, on thicker in one Part than succher; but both the Schlend of each Arm lye the farme Way, of that the Arm slower or where of an equal Thickness, and if of them terming at the Edge of the Disturbency, like the plain Cost.

ARSACIDES, ARSACIDE, the Defendants of Arfaces

ARASACIDES, ARACINES, the Defendance of Affects King of Purbliss.
This Affects, according to the Purfline Chemolicies, was of the Lineage of Gyras; the other affects that the was the first that he was the first that the second of the Lineage of Lineage of the Lineage of L

Artaerees kill'd Artaeaus, the last or un Artaeous, we beat the Year of Christ azo,
ARSENAL, a royal or publick Magazine, or Place appeinted for the making, and keeping of Arms occellary cither for Defence, or Affault. See Arms and Armon's
The Arms of Errojes to the Place where the Gallies are The Arfend of Venice is the Place where the Gallies are built and laid up.—The Arfend of Paris, is that where the Cannon or great Guns are cast. It has this Inscription over the Door-

Vulcania Tela Ministrat, Tela Giganteos debellatura furores.

These are also offensis or Store-basels, appropriated to Navil parishness and Esusyments. See N.N. Y. Also, Ro. The Word, according to Some, is derived from the Foreward parameter from the range gainer, which may be forewarder to the Englines of War are professed —Some derive it where the Englines of War are professed —Some derive it with the Englines of War are professed —Some derive it with the Englines of War are professed —Some derive it with the Englines of War are professed when the Engline when the Cort form the modern Greek Application, which, in the Arabelsk, (agnides an extra form of the Cort for the English of the

ARSENIC, ARSENICUM, in natural Hiftory, a ponde-rous mineral Subfrance, extremely cauftic or corrofive, to the Degree of a violent Poifon. See Fossil, Corrosive,

The Word is compounded of the Greek and, Man, and make, I overcome, kill; alluding to its polionous Quality. See Poison.— In an antient Manuscript steribed to the Sybils, is a Verfe which plainly intimates Artenic:

Tetrafyllabus fum ; prima pars mei Virum, Secunda Victoriam fignificat.

Arfenie is rank'd among the Class of Sulphurs. See Surriug.

There are divers Kinds of Arfenie; viz. Yellow, or Na There are divers Kinns of Memory view 1-tony a universelved Red Cyfalline.

Native Arfenic is of a Yellow, or Orange-colour; whence it is allo denominated Antipientensus, or Orpinent.—It is chiefly found in Copper-Mines, in a fort of Glebes or Stones,

of different Figures and Sizes. Its Colour, the always Yel-low, yet admits of divers Shades and Mixtures, as a gold-or Yellow, reddiff Yellow, green Yellow, efc. It is found to contain a Fortion of Gold, but folittle, as not to quit the Cut of feparating it. Sec Observators: Of this are prepared two other Kinds of Arfinic, via. White and Res.

This, fublimed with fome other Matters, is the Sanda-racha Grecorum. See Sandaracu.
Tho fome Naturalifts will have Red Arfenic, and Real-

gal, two diffined Drugs, taking the latter for a native Mino-ral, and the former for a Preparation of a native expense. Sec REALUAL.

rai, and the former fie a Preparation of a native official.

Red Affinia, Called all Readyd, it woult be market "Ellow rabified by Fine.

Red Affinia, Called all Readyd, it would be made to the Calledon and the Calledon and the Calledon and the Properties of Sci. Sci.—The Miss Species is chiefly in Diff among as for real Affinia. Some Authors give is a Glifferent Origin, and similar is a native above and the Calledon and Tellow Affinia are all to precarable from Cobint The Mochol of which, ap reflicted in Hungary, it was transfered in the Calledon and Tellow Affinia are all to precarable from Cobint The Mochol of Which as preflicted in Hungary, it was remained in a Funnace, it is limited of White, they gave what remains in a Funnace, it is limited of White, they gave what remains in a Funnace, it is limited of White, they gave what remains of the Callenon, for the Most of Mockowski and Science and Science and Science and Science and the Calledon and Calledon

the Refiners dread nothing fo much as Arfenie Hence, the Mchapers dread nothing to much as Myleme in their Metals; nor could any thing be fo advantageous to them, were fuch a thing to be had, as a Mentitruam that would ablorb, or act on Affeire alone; for then their Metals would be readily purified, without flying off, or evaporating. Soc Reference.

rating, See REFFINIO.

A fingle Grain of offeigit will turn a Pound of Copper
into a boastful feening Silver. This Hint many Perfora
have enderstowed to improve on, the hanking of Silver
have enderstowed to improve on, the hanking of Silver
Hammer: Some have been hangd for coining Species of
this figurious Silver. See Stream, Convenções.

The Chymiths faraith feeraal Preparations of Apfinic,
which all turn on repeted Ablations and Sublimitation, to
boart the corrotive Silver Mercol, and change them line a
Reply of Apfinic, See Best if Energe approx womb the Duck

tate Medicine, after the Manner of Sublimate—Such are Ruby of Zirigute, &c. Bart i ferce appears worth the Pains; And whatever fome may urge, Jirigute thould never be used inwardly in any Form, as guswing and tearing the Farts, and occasioning mortal Convultons—Its Faune taken into the Lungs, kills initiative. And the often it is fabil-med, fass Biorbaurs, the rather it groun—Butter and Cowls Milk taken in large Quantities, prove good Anti-Cowls Milk taken in large Quantities, prove good Antidotes against Arfenic.

Regulus of Assenie, is the most fix'd and compact Part

Reginis of Assense, is the most and compace sare thereof, prepared, by mixing it with Pot-affice and Soap, diffolying the whole, and caffing it into a Mortar; upon which the heaviest Part falls to the Bottom. See Reportus. Caustic Oil of Assense, is a Butyrous Liquer, like Butter of Antimony, prepared of Artimic and corrosive Sublimate.

—It serves to car off fungous Flesh, cleanse carious Bones,

ARSENICAL Magnet, Magnes Arfenicus, is a Preparation of Antimony, with Sulphur and White Arfenic.
ARSENOTHELYS, among the antient Naturalits, the fame with Hermaphrodite. See HERMAPHRODITE. The Greeks used the Word both of Men and Beasts .-

The Greek ufed the Word both of Men and Bentke-lis formed from seye and absoe, Male and Fernale. ARMSIs and TSG(f), a Placel in mudeal Competition, TSG(f), a Placel in mudeal Competition, TSG(f), a thin, it is once Part, and fifse in another; we on the contrary, falls in one Part, and rifse in another; we whence it product a very approach Versire, a. Hattie of the Mind operative or effective according to right Reafung or, tomewhat more intelligibly, a Hattle of the Mind per-feribles Rates for the dar Production of corrects Rifelia; or the introducing of Canages in Bolife from four Tweeter-feribles (Canages in Bolife from four Tweeter-ter introducing of Canages in Bolife from four Tweeterlege and Defign in a Person endued with a Principle or Fa-

legs and Deligo in a Perion codeed with a Frienciple of Fa-culty of Acting, See Haurr, Acrons, Ed. On this Footing, Arts are divided into allies and father, -Such as leave so external Effect after their Operation, as Dancing, Fiddling, 25c, are called aftive or praffical Arts: Those which do leave an Bird, as Paining, 25c, are called father, or Effective Arts. Magn. Moral. iib. 1. cap.

No.

An i better defined after my Leaf Brasen, a proper by light and the light and light and the light and light an terro tome uncommon Accident, or a Departerior in Sat-ter, when the Refiftance of fome Impediment perverts her from her Courfe; as in the Production of Monfters. See MONNTER.—At other Times the is findhed and fashiond by human Industry, and made to ferve the several Purpoles

Planking.

This last is what we call Art; in which Sense, Art stands oposed to Nature. See NATURE, ARTIFICIAL, Se.

Hence, the Knowledge of Nature may be divided into

Hore, the Knowledge of Naure may be divided into the Hilbry of Gonermions, of Prangeneration, and of Arti.—The first confiders Nature at Liberty, the fewed, between the transparent of the Confiders Nature at Liberty, the fewed, between the Confiders Nature at Liberty, the fewed the Confiders of the Confiders of

MATICES Staticks is wholly feientifical, as it takes up with the mere Contemplation of Motion: Mechanicks, on the contrary, is an Art, as it reduces the Doctrines of Staticks into Prac-

is an Mr., as it reduces in Dictimos of Sattlets into Train-tion. See Marinzarious.

An Armana in Collection of Raine, Preceipt, and inventions or Experiment, which being day observed, make the Things a Man undertakes faccood, and cender them advantageous and agreeable. See Rutz, Praktip, Expransarious, See Section, which is a Collection of Feeduality Principles and Concludence. See Collection of Feeduality Principles and Concludence.

The Nature and Origin of Art, and its Diffinition from Science, will be farther confider'd in the Preface to this

Work.

dri, in this Senic, may be dirided, with respect to their Scope and Object, into human, an Medicine; and dirine, as Theology, See Manarier and Thussian Section (1997). The company of the series and Thussian Section (1997). The Politick, 15c. dilitory, as Pertification, 15c. Phylical, as Agriculture, Churthy Antenny, 45c. Antenphylica, as Logicks, pure Mathematicks, 15c. Philasgical, as Grammar, Ghiefin, 15c. Merzunit, to which belong the Menhandid Arts and Manafedures. See each in its Tunc. Arts are more papilstyl divided into Liberal and Senior Arts and menhandid Arts and Manafedures.

chanical.

The mechanical drist take their Denomination from ga-gen, Machine; as being all practited by means of fome Machine or Infrument. See Macrinis, &c. With the fiberal drist is to otherwife; there being feveral of them which may be learnt and practiced without any Infrument at all: As Logic, Elequence, Medicine proper-ly to called, &c.

Inflamment at all: At Legie, Eloquence, Medicine proper-ly to called, Oct.

To called, Oct.

To called, Oct.

Basen observes, are reparted liberal beyond thate which re-gard the other Seeks, which are chiefly employed in Ma-ters of Luxary. See Sense.

The seeks of the control of the control of the con-trol of Luxary. See Sense.

The Risk and Gerorch of Street, the mining Art the bring the Risk and Gerorch of Street, the mining Art the Seeks (Seeks) and Seeks of the Control of the Control of the Control of Seeks of Francis and Seeks of the more, the Art of Decephering, Art of Francis of Swim-ming, Art of Diving, 6: See Misson, Dervinsa, No. Ferrice, Swinstein, Diving, See

The Nature, Office, History, &c. of the feveral Arts; will be found under their respective Articles in this Dicti-The Word Art is derived from the Greek aper), Virtue,

The West Jor is derived from the Greek serv¹. Vitrae, leading—This in the Opinion of Jonatus, on the first Secte of Terende's Justices I Aries's rive derive derive in Greek of Justices I Aries's rive derive in Greek of Justices I Aries in a sile applied to divers insaginary, and creat figure in the Company of the Aries in the Justice in Aries in a sile applied to divers insaginary, and creat figure in the Aries in Aries in the Aries in Aries in the Aries in Aries

into divers Scales or Climaxs, to be run down in a detecnd-ing Progredition.—Thus, whatever were proposed to be talk'd on, they wou'd fay, first, it is a Being, and consequently, one, true, good, perfect then, it is either excated, or in-ercated. Again, every created Being is either Body or Spi-

Angelical Art, or the Art of Spirits, is a Method of attaining to the Knowledge of any thing defired, by means of an Angel, or rather of a Demon. See Damons. Under this come the Arts of Magic, Sowery, Witchers 18, &c. Soe Maoue, Sonears, Wirschenstry, &c.

Term of ART, See STERM, Master, DEGREE, FACULTY.

Are Norris, is a manner of acquiring Sciences by Indiano, without any other Application than a little Failing, and They who made Profession of this and inteller Failing, and They who made Profession of this Are, aftern that it sues by means hereof that Scheman, in one Night's Time, acquired all his Knowledge—Drive In we to be a criminal to the Compact of the Scheman, in part of the Scheman, in July 10, 11 and 11 and 11 and 11 and 12 and 12 and 13 and 13

St. Paul's ART, is a Branch of the Ars Notoria, fo called

St. Paul's Arr, is a Branch of the Ars Notoria, to called as being imposed to have been taught by St. Pauls, after his being taken up into the third Heaven.

Arr and Part, is a Term used in the North of England, and in Scotland.—When any one is charged with a Crime, they fay be is Art and Part in committing the fame; that is, he was both a Contriever, and acted a Part in it. See

15, he was not a Courriver, and accour Fatter to the Operation of Opening an Attery, or of letting of Blood by the Arteries; practiced in fome extraordinary Cales. See ARTERY, PRINTED OF MAY, &C.—For the Effects hereof, fee ARTERY, PRINTED OF MAY, &C.—For the Effects hereof, fee ARTERIAN.

BOTOMY, CC.—For the Lifects hereot, the AREURISMA.
Arteristomy, is a very dangerous Operation, feldow
used with Defign, except in the Temples, and behind the
Ears, where the Arteries are easily closed again by reason of
the Cranium underneath, which would be very difficult in
any other Part.—In the other Parts it usually proves fatal;
and we have numerous inflances of Persons kill d in Bleed-

and we have numerous initiances of Pertons full'd in Bleeding, by a Militace of an Arrey for a Vein.

Catherwand endeavours to introduce Arteristomy in a poplectic Cafe, as much preferable to Venerfection; but he is
not much followed. See Apoplexy.

The Word is form'd of appress, and respons, feee, I cut.

ARTERY, ARTERIA, In Anatomy, a hollow fiftulous

Canal, appointed to receive the Blood from the Ventricles of the Heart, and distribute it to all Parts of the Body, for the Maintainance of Heat and Life, and the Conveyance of the

meetfary Nutriment. See Bloom, Heart, Lieg, &ctiv'd The Word is Greek, sprees, which fome imagine deriv'd The Word is Greek, sprees, which fome imagine deriv'd from sky, see, the sky, and regis, force, to keep: But others who underthand the Ule of the Fare hetert, derive it from sky sky skyrs, because of its continual Throbbing or Beating.

Beating.

The Arteries are ordinarily composed of three Coats or Membranes. The first or outcrmost, nervous or tendinous being a Thread of fine Blood Veffels with Nerves, for non-rishing the other Coats. The second mulcular, made up of the coats. being a Thread of fine Blood Veffeit with Nerves, for noa-rlining the other Costs. The fecotor sufficient, made up of circular, or either ideal slives; of which there are more to fine the cost of the cost of the cost of the cost of the Fiber have at long Elafficity, by which they contract them-felres with Porce, when the Fower by which they have been freethed out, casies. The third and immoft Cost is a fine, dende, transparent Membanes, which keeps the Blood within it C. Insnish, which otherwise upon the Dilutation within its Chansids, which otherwise upon the Dilutation of an Artery, would eafily separate the spiral Fibres from one another. As the Arteries grow smaller, these Coats

grow thinner.

All the directive are coical, i.e. begin with a Trunk,
All the directive are coical, i.e. begin with a Trunk,
All the directive are coical,
that they go to the Startown of the thinner that they go to the Startown of the thinner that they by which, in the Tails of Thaplacles and very find! Eals,
the Extramities of the directive teem, by the brill unlike,
the Extramities of the Boad, to be infocilated or confined
to the Origination of the Wains: The by the Transparency
of the Weiflis, the actual conclusion be not wishes. See

of their Willels, the achast Constitution be not rithle. Soc Anaryzousta, and Balocer Larross. The Caus of the Arteries are of a very dense, clock Con-creture, by which means the Blood noe being willich their constitution of the Arteries are of a very dense, clock of proceeding from a greater Chaochy to a left, is thereby found-what oblivated in its Pallegs, to the logic forced on by the Motion of the Heart, ditionals the Costs, and thereby con-clines a falliam Motion, call'el the Physic—By the Thick-nel's and Wiltomsh of the Arteries, with the Pallation ob-fired therein, Arreirs are diffugually from Visia. See

The Pulse of the Arteries, like that of the Heart, cor

The Yallo of the Asterlin, like that of the Heast, con-fills of son refront Molecus, a Splace or Contribution, and a Billable or Dilitation: But they keep appoint Times; the Splace of the cost antifering to the Daliko of the other than the Splace of the Contribution of the Molecus All the Asterlin of the Body, we have observed, after in two large Timads, from the two Vermidee of the Heart. That from the right Verricle, is called the Polamonry Artery, Keving to carry the Blood into the Langas Tima tions the lift, the Astra, or great circrys, which, by its many than the Contribution of the Contribution of the Contribution of the first the Molecus Asterline and the Contribution of the Contribution of the first the Molecus Asterline and the Contribution of the Contribution of the first the Molecus Asterline and the Contribution of the Contribution of the first the Molecus Asterline and the Contribution of the Contribution of the first the Molecus Asterline and the Contribution of the Contributi as far as the remotest Stages of Circulation. See Circulation of the Blood.

The Great Artery, after it leaves the Heart, divides into

The Great Astern, after it betwee the Heart, divides into two large Trunks, tailed the afgesting, or upper; and deun large Trunks, and the dispersion, or upper; and deThe stonding Trunk, or Astern afgestion, conveys the
Blood to the Heart, and othere pure Parts of the Body, and
is toldwidted into three Branches.— The first, the right
is the state of the Body of the Heart of the Red,
in the state of the Red, is the left Gardedthe the third, the left Subdivinities, whence after the left Gardedtrunks, Fertified, and Adulty—See the different of the Red,
Carlotton, American, Ed.
Carlotton, American, Great Carlotton, Carlotton
Bodd of Trunk, and the lower Parts of the Body.

Parts affecting Parts, for Astern Ashindon, carlot the
Bodd of Trunk, and the lower Parts of the Body.

Parts affecting Parts, or Astern Ashindon, carlotton
Bodd of Trunk, and the lower Parts of the Body.

Parts affecting Parts, or Astern Ashindon, Carlotton,
Parts, Mightenie, Eurolipus, Spermant, Ilias, Univident,
Parts, Mightenie, Eurolipus, Spermant, Ilias, Univident,

Out of this arise the Brunstial, Latrouglat, Colins, Phrenia, Migharier, Eunligan, Spermais, Binz, Univident, etc., Prigotfire, Bipogoffric, Corral, &c., with their feveral Ramilacions—See each in the Tacc. and Subdivision, in their notest Order and Foddison, as taken from the Life, See in Piter, Assensing. Anxuar, is also applied to that fillulas Tube, compo-fied Cartilages and Membrane, which deficied from the Month to the Lungs, for the Conveyance and Reconvey-uence of the Aris, in Kerfestution. See Assensaria sees of the Aris, in Kerfestution. See Assensaria con-

This is particularly called the Afters Arteria, or Trachea, d popularly the Vind-sipte. See TRACHEA. ARTERIAL, or ARTERIOUS, in Anatomy, fomething sat relates to the Arteries. See ARTERY.

AKTERIALS, OF RETRIEVES, IN TRAINING, SOMEORIES, and strainers to the Arenes. See ARENE YEAR, and further than the Arenes. See ARENE YEAR, and further than the result of the BROOD.

The Aniens agive the Name Feas Agreetiffs, to the Tube or Canal whereby the Blood paffes from the right Ventriev or Canal whereby the Blood paffes from the right Ventrieve and Whereby the Blood paffes from the right Ventrieve of the Heart to the Langs, as lapping it of an intermediate Nature and Office, between an Areny and a Vén.—The Moderns finding it a real Artery, call it the Palmonary Moderns from the Arene Arene See Arene Se

See PULMONARY.

Aftery. See PULMONARY.
The Canalis Arteriofits, is a Tube in the Heart of a Fee tas; which with the Forance Ovale, ferves to maintain the Circulation of the Blood, and divert it from the Lungs. See Canalis Arteriofits, FETUS, CIRCULATION, and FORA-

ARTHRITIS, in Medicine, a Difease better known un-der the Name of the Gout. See Gour. The Word is form'd from the Greek as \$550, Articulus, a Joint; in regard the chief Seat of that Diftemper is in the

ARTHRODIA, in Anatomy, a Species of Articulation, wherein a flat Head of one Bone is received into a finallow Socket of another. See Bone and ARTICULATION. Such is that of the Humerus with the Scapula. See Hu-

MERUS, Scc.
'The Word is formed from the Greek at \$1900, Articulus,

and Pryount, recipio, I receive.

ARTHROSIS, or ARTHRON, in Anatomy, a Juncture of two Bones, designed for Motion; called also Articulation. See ARTICULATION.

The Word is formed from the Greek appar, Articular,

Juncture, Joint.

ARTICLE, ARTICULUS, a little Part or Division of a Book, Writing, or the like.—Aquinas divides his Sum of The-cology, into feweral Question; and each Question into divers

Aurick. See Fairn, &c.
Auricke, Articulus, in Anatomy, is a Joint, or Jancture, f two of more Bones of the Body. See Bons, Joint, &c. fee also ARTICULATION.

ARTICLE of Death, Articulus Mortis, the last Pangs, or Agony of a dying Person. See Aconv. The Pope untally tends his Benediction to the Cardinals, &c. in Articulo Mortis.

ARTICES, in Arithmetic, fignifics the Number 10, or any Number juilly divisible into ten Parts; 88 20, 30, 40, &c.—Thefe are formetimes called Decads, and formetimes

round Numbers: Harris.

ARYICER, in Grammar, is a Particle used in most Languages, for the declining of Nouns, and deneting the feveral Cases and Genders thereof. See Particle, Noun.

CASE, GENDER, &c. The United States and the hone, that in Languages which have not different Terminations to expect the different terminations to expect the different states and Circumfances of Noons; there is former thing required to fupply that Office. See Transantarions. The Latiest have no Articles; but the Greeks, and most of the modern Languages, have had Recourted hereto; for sking and algerishing the Vague Sprinfication of common and appellative Names. So Name and APPRICA-

The Great have their i, the eathern Tongues their ke Emphatismen; the Instan their is, as also k—The French their instance of the stands of the Instant their interpolation is the Instant their interpolation in the Instant in Instan The Greeks have their \$, the eastern Tongues their be

Eye, an Hour, &c.

Eye, an Hear, Gr.

Some: Germanistans make the drifter a dilland Pater of Specific Commercial and the Commercial Commerci

Latti, confided them utelst.

The Balains even perfix Articles to proper Namel, which dont naturally need any, in regard they do of themselves the Balains of the Balains o

the Danube, the App, &c.

Indefinite ARTICE. The Article A is faid to be indefinite, because applied to Names taken in their more
general, and confuled Signification; as, He travelled with

the Port and Equipage of a Prince; where the Word Prince may be underflood of any Prince in the general. Definite Anticen. The Article The is faid to be defi-

Definite Anticle. The Article The is finit to be defi-nite, or demonstrative, as fixing the Sente of the Word it is put before, to one individual Thing. See Davinita, Fa. Buffier dittinguilles a third kind of driticles in the French, which he calls intermediate, or partitives fewing or denote part of the Thing expecticed by the Substantives they

added to: As, Des Seavans ont eru, fome learned Men bare supposed, Se. I want, De la lumiere, fome Light, Se. The Use and Distinction of the definite and indefinite The Ule and Diffinction of the definite and indefinite Articles is or La, and de or Ain, make one of the greated Difficulties in the French Tongue, as being atterly arbitrary, and only to be acquired by Praffice—We may add, that in the English, the 'the Articles be for few, yet they are of fuch frequent Ule, that they easily different any Stranger, from a natural Englishman. See Evolution and Francis.

from a natural Engilithman. See ENGLISH and FRENCH.
ARTICULARIS, ARTICULAR, in Medicine, an Epithet applied to a Diffeafe which more immediately infeits
the Articuli, or Joints.—The Merbas Articulary, is the
fame with the Greek appears, and our Gosts. See Ar-

NUNCIATION, &c. NUNCIATION, 55c.

Articulation, is that part of Grammar which treats first of Sounds, and Letters, then of their Combination, for the composing of Syllables and Words. Hence he who pronounces his Wordsclearly, and distinctly, is faid to pronounce here.

nonnees his Words clearly, and difficultivity, is that to pronounce them articulately. See Letters, Stillabelex, Wond, & Anticulation, in Anatomy, a juncture or Connexton of two Bones, designd for Motion. See Bonx, Motion, See There are various Forms and Kinds of Articulation, faited to the feveral Sorts of Motion and Addion.—That which to the leveral Sorts of Motion and Addion—That which has a notable and manifed Motion, is called Distribution See Dianatronists.—This is floatived on the Description, Artificial, and Gingymus. See each in its Place, ENAR-THROSIA, ARTHROSIA, and GINGYMUS.

This wish only admits of a section of the Control of the Control

THROSIS, ARTHRODIA, and GINOYNAUS.
That which only admits of an Observ Motion, is called Symathroffix: fee Synarthroffix: fee Synarthroffix: fee Synarthroffix: fee Synarthroffix: fee Synarthroffix: fee Synarthroffix Ginorida (fee Synarthroffix: fee Synarthroff

co Ant., a daily confact! i a « Thing vey different from N.N. et al. and refided Thing, from must does it Whose carlies another more giverous firms, etc. that An is different Principle built upon Nature, and of fisch bower, as to be able, either to perfet what Nature had begun, when confined; a but not married to divers or tensime her.— But the Truth is, artificial Things do not differ from natural cust is Nature or had over the tensime her.— But the Truth is, artificial Things do not differ from natural cust is Nature or Farm, but only in the he had by Motion is in vettee whereof, he can apply natural publics to, or remove them from, one soubset. Where

he hat by Motions, in vertens whereof, he can apply natural Bodies to, or remost tehm from, one soubset. Where fach Application, or joining of aftive Things to pative refach Application, or joining of aftive Things to pative the test not, rathing, Godd we fonctioned by the test not, rathing, Godd we fonctioned for the patient's part of the Smade, Nature heeffl a having done the Badiesti's Society of the Smade, Nature heeffl a having done the Badiesti's Society of the Smade, Nature heeffl a high school of the County of the Smade, Nature heeffle heeffle, governed IT Things; under this Subordination, of the Court of Nature, the Latitude or Engelston of Nature, and Are of Man fuger-added to The County of Nature, the Latitude or Registron of Nature, and Are of Man fuger-added to to her other Works. Bacon de Augmen. Scient. lib. II. See NATURE. ARTIFICIAL frequently coincides with fallitions.

Thus we have artificial Sal-Armoniae, artificial Borax,

I nus we have struperal Sal-Armoniae, artificial Botax, c. Sec Armoniae and Borax.
Artificial Day. Sec Day.
Artificial Globe, Sphere, &c. Sec Globe, Sphere, &c.
Artificial Hotizon.
Sec Lawrence, Sec. Sec Globe, Sphere, &c.
Artificial For. Sec. Education

ARTIFICIAL Eye. See Eve.
ARTIFICIAL Numbers, are Secants, Sines, and Tangents.—See Secant, Sina, and Tangents, fee slife Lo-

OALTHULAL Lint, on a Sedre or Sale, are certain Lines to contrived, as to repredent the Logistimust Since, because the contrived, as to repredent the Logistimust Since, because the contrived of the contrived the Logistimust Since, because the contribution of the con GARITHMICAL.

ingrificial Argaments. See Dreintrion, Authorized, Martillery, the heavy Equipage of War, comprehending all forts of great Fire-arms with their Appartments, as Camone, Mortars, Bombs, Petark, Muiquets, Carbines, Se. See Cannow, Morran, Gun, Firand, W. In this Senfe, the Word Artitlery coincides with what we

in this Scale, the Word Artillery coincides with what we observed call Ordensete. Soc Orna MACE.

There was no attacking fach a Place for want of heavy Artillery—The Perflant, we are told in the Embady of Figurers, would never, in 11th, have either Artillery or Indiany; in their Armice, by reafon they hinder de their Charlings and retiring with 10 much Niunblenells; wherein their chief military Address and Gory Lay.

chief military Address and Glory lay.

The Term Armiliery is formation as a spilled to the The Term Armiliery is formation as a spilled to the Grant Armiliery Company. Survival Rams, 16c. See Arits, Machines, Caranteras, State Formation, See See Arits, Machines, Caranteras, 25c. Term See Armiliery, or large live-arms.

The Armiliery, or large live-arms.

The Armiliery, or large live-arms.

The Armiliery of the Company of the Armiliery of the Company helong the Company belong Martin picces, with Bombo, Creating Sec. ander the Di-Martin Picces, with the Bombo, Creating Sec. ander the Di-Martin Picces, and the Company helong the Company help are also a survival and the Company help are a survival and the

Morias-pieces, with Bombs, Carcilles, Ec. under the Direction of a Matter of the Artillery. See Martan. There are Trains of Artillery is most of the King's Mazaines, as into Tovers, at Portfinauls, Plimauls, Sc., Arrillery-Compleys, is a Band of Infantry, confiding of 600 Men, making part of the Militia or City-guard. See

Their Officers are a Leader, two Lieutenants, two Enfigut, three Gentlemen of Arms, &c.

ARTILLARY is also used for what we otherwise call Pyrotechnia, or the Art of Fire-works, with the Inframents

retections, or the Art of Fire-works, with the Inframental and Apparatus belonging thereto. So France Textury and Apparatus belonging thereto. So France Textury and Apparatus for the Apparatus for Apparatus for the Apparatus for the Apparatus for A

TANIST.

They used Bread and Cheese in the Euchariff, or perhaps Bread baked with Cheese.—Their Reason was, that the press pasco with Cheele.—Their Reason was, that the first Men offer'd to God, not only the Fruits of the Earth, but of their Flocks too.

Hence, according to St. Augustin, came their Name, which is Greek; being composed of apr @, Bread, and Day@.

Checke.

ARVALES Fratres, were Priefts in antient Rome, who affilted in the Sacrifices of the Ambarvalia offerd every Year to Ceres and Backets for the Profestity of the Fraits of the Earth, via. of the Corn and Wine. See PaissT

of the Earth, US. Of the Coll and Amanavalla, CS.
They were infilted by Rossults, and were twelve in Number; all of them Perfons of the first Distinction; the Founder himself having been of the Body.—They made a collection of the Collection of th Founder himfelf having been of the Body.—They made a College, called Chelgine Fartura Meridian. See Concilege, Called Chelgine Fartura Meridian. See Consultation of the Concilege Chelgine Fartura Meridian. See Chem. See Chem. The Word is originally Latin, and is formed from Jr.—The Word is origin

According to Fulgentins, Acce Laurentia, Romalus's Nurfe, was the first Founder of this Order of Priests: She, it feems, had twelve Sons, who used to walk before her in it icems, use tweeve sons, who due to walk before her in the Sacrifice, one of whom dying, Romalist, in favour of his Narie, promiled to take his place 3 and hence, tays he, came this Sacrifice, the Number twelve, and the Name of Brother.—Pliny feems to indicate the fame thing, when he mentions that Romalis infiliated Pricits of the Fields, after mentions that Assuming improved their of the Franch of Ace Laurentia his Nurfe.

ARUSFICES, an Order of Priefts among the antient Romants, who forerold Things to come, by infpecting the Entrails of Beafts killed in Sacrifice. See Prinser and

SACRIFICE

SAGATIES.

The Word 1 derived from Jerrega, which figulates the The Word 1. Derived from Jerrega, which figulates the The Word 1. Derived from Jerrega 1. Derived from Jerrega

The Arytenoides are thus called on account of the Figure of an Ewer; which, together, they fomewhat refemble:

om sois, hanrie, to drink; and soe, Ferma, Shape. ARYTÆNOIDEUS, in Anatomy, a Pair of Murcles of the Larynx. See LARYNX

the Latyne. See Lakyne.

The Approximation has its Head in one Arytenoid CarThe Approximation and its Head in one Arytenoid Cartilage, and its Tail in the other; and ferves to bring them
openers, and has the Riman or Glottis. See Georgis.

ARYARYTENODEUS, in Anatomy, one of the Mailcles farring no Golde the Latyne, otherwise called little Apptessoident, and Apparticuoident, as deriving in Origin from
the pofferor and infinite part of the Approximation. See ARYTHMUS, in Medicine, a Sinking or Failure of the Palle, to as it can no longer be felt. See Pursa. The Word is form'd from the privative Particle a, and

"The Word In form'd from the printer Particle a, and yelve, Modulin, or Parlin.

Als, among Antiquatre, has two different Significations.

Als, among Antiquatre, has the Signification of the Wilson, and the Roman Liddy, or Found, See Wilson, Links, Pound, do.—"The principal seen, the Wilson's build have an even Councer: Read-way, the forth Part of the A_t, the red Councer: Read-way, the forth Part of the A_t, the Councer Significant, half the A_t, that is the Ouncer Significant Councer Significant Counce

ninc Omecs: Dentens, ten Omecs: Denve, eleven Omecs. Sec Owset, Denza, Quantan, écr.

sec Owset, Denza, Quantan, écr.

tenze, Sec Owset, Denza, Quantan, écr.

tenze, Sec Owset, Denza, Quantan, écr.

tenze, Sec Owset, Denze, Denze, Sec.

tenze, Sec.

te

Thirds of the basses.

A was all the Namo of a Roman Cain. See Count.

A was all the Namo of a Roman Cain. See Count.

Was either of Wood, Leather, or Shop. Lighter, the Act was either of Wood, Leather, or Shop. Lighter, or Pound.—Four hundred and twenty Years after, the first Pounic Was bring enhantled the Tesulary, they retend a Section of the Weight of a Meeting of the Weight of the Meeting of th they took away another Oance, and reduced the A to a Dodrast, or nine Oance.—Lattly, by the Papirian Law they took away an Oance and half more, and reduced the As to a Spinuss and Semuncia: And 'its generally thought that it refted here all the Time of the Commonwealth. See MONEY.

Mosex.

This islt was called the Papirian An. In regret the Lew jult mentioned was paird in the Year of Rome 15t, by G. was jult mentioned was paird in the Year of Rome 15t, by G. was ever four different Abi in the Time of Poor. Thus there were four different Abi in the Time of Poor. Thus the Paper on the one Side, and the Robrium of Prow of a Sill Paper which the Ab bone, was a Jamus with two Faces on the one Side, and the Robrium of Prow of a Sill Paper of Poor of

blanted, the Spairs and Januaries may fall on and find an early Conquest.

The Assignment are held of so little Value, that they frequently serve as Bridges for the Cavally to pass over, in ill Roads, and as Fastices to fill up the Ditches of Fasce befigged.—The greatest Part of them are natural Thirts; they neged.—The greatef Pari of them are attend "Trackes the travel on Foot, and have no Pay, but the Flunder they can get from the Enemy.

"The World in derived from the Turkith Suph, which fig-ther the superior of the Turkith Suph, which fig-dification, to empt in Battle.

"ASBESTINE "Paper or Clink", is fach as will burn in the Rire, be purified by it, and yet not confame. See In-construction.

CONSIDERANCE.
It is made of the Albefor, or Lapis Amisonbur; and is by fonce called Linuar Forum. See Austreas.
It is made of the Albefore of the Albefore Control of the Albe combuftibile, &cc.

The Albeftos, or Lapis Albeftos, is really a fort of native, fiffile Stone, which one may fully into Threads or Filaments.

A S C very fice, britise, yet formeable problems, files, stat of a greyift fiver Colour, not unlike 76th of France.

It a should highly to the Telle, individuals in Water y, and the state of the should highly to the Telle, individuals in Water y, and the state of t

Assaying. Clair.

Stong, drivenuces are of Opinion, that the Andrems madeStong, drivenuces are of Opinion, that the Andrems made
Stong, drivenuces are of the Andrews
that Kings, in order to preferre their differ entire, and preverse that he being mid with shofe of Wood, and other course
there was the stone of the Andrews of the Andrews
form discrepantal Wish the Gaphieral Lamps.

Others affer, that the Andrews and the Andrews or the
More Power and Wood of the Andrews
More Andrews of the Wisks of the Lamps as they used not
have any trouble within bounded the Andrews for the
Latting the Wisks of the Latting the Wisk. See

LAMP. The Word arket. Abbeftes, properly fignifies an incombatility Bady; being formed of the privative Particle, a, and staveness, excipan.—Norwithflanding the common opinion that Fire has no Effect on the Abbeftes; yet, in rew Triest made of the private of the private private

weighing about an Ounce and half, was found to lofe above a Dram of its Weight, each time. The Ablefts applied to any Eart of the Body, excites an Italiang and yet we read of it as antiently preferred for Diffection of the Skin, and particularly for the Itch: Unfels it were rather the Admirace Phamoghem that was mean thereby you also be able to the Admirace Chamoghem that was mean thereby to ALDM and the Day, they are frequently confounded. See ARCAR IDES in Medicine.

ASCARIDES, in Medicine, a kind of little Worms, fornetimes found in the Reftum, and adhering to the Fun-

forectimes found in the Rechma, and adhering to the Fundament. See Wooss and Vasasia.
They are thus cilied from the Greek ¿rassife, I legs, on second or their continual tradelines Morion, cataing a continual tradelines Morion, cataing a AGCRNDANT, or ABERDRANT, See Seeking as yet thind senter the Root of the Family. See Seeking was the smallest in Contradilisticilia on Difficulties, or the detecting Like. See Directmant, or the Georgian Like. See Directmant, or See Markings, Directmant and Defendents, in the direct Like. See Markings, Directmant and Defendents, in the direct Like. See Markings, Directmant.

CARL SET.

ARMENDER, in Affredgy, the Horoforce; or the Department of the Liquitor which if the upon the Herizon, at the Horoforce of the Liquitor which if the upon the Herizon, at the Horoforce of the Liquitor which is the liquid to the liquid the Liquid the Horoforce of Liquid the Horoforce of Liquid the Liqu

unknown Caufe.

ASCENDING, in Aftronomy, is understood of shofe and the present of the Heavent, £c. which are right about the present of the Heavent, £c. which are right about the present of the Northward. See Orant, Frankry, £c.

This is otherwife called the northern Node, and repreiented by this Character Ω. See Node, &c.
Ascending, Afcendens, in Matters of Genealogy, &c.

Sec ASCENDENT. ASCENDENG Signs, among Aftrologers, are those which are upon their Ascent or Rife; from the Nadir or lowest Part of the Heavens, to the Zenith or highest. See Sien,

ZENITH, NADIR, &c. ASSESSING, OC.

ASSESSING, in Anatomy, is applied to fuch Veffels as carry the Blood upwards, or from lower to higher Parts of the Body. See Broom and Visset.

The Affecting April, April affection, is the fuperior Truth of the Artery, which furnifies the Head. See

AORTA

The aftending Cava, Vena Cava Aftendens, is a large Vein form'd by a Meeting or Union of the two Iliacks of one Side, with those of the other. See Cava.

Many of the antient Anatomists, call'd this the defeending Many of the antent Abstomates, cold this in segerating from a single property of the Blood defended from the Liver by this Vein, to fapply the Parts below the Diaphregen. Bat the Moderns have them that it has a quite contrary Ufe, and ferres for the Conveyance of the Blood from the lower Parts to the Head, whence its Appellation Afterdeni

ASCENSION, ASCENSIO, a rifing, or moving upwards. See ASCENY, ASCENDANY, ASCENDING, E.C. ASCENSION is particularly ufed for that miraceflous Ele-vation of our Saviour, when he meganted to Heaven in the

Sight of his Apolles.—

Hence allo, Ascension-Day, a Festival of the Church held ren Days before Whitfontide, in Memory of our Saviour's Afcenfion. Sec FEAST.

visor's Afeculien. See Fray:

Archivols, in Affronomy, is either right or oblique.

Right Aschision. See Krony Afeculien.

To find the Right Afeculien of the Sun, Sears, Sc. trigenometrically, fay, as Radius is to the Cafine of the Sun's

greated Declination, for the Tragent of the Diffrace from

Aries or Libra, to the Tangent of Right-Affeculien.

To find the Right-Affeculien mechanically by the Globe.

The Arch of Right-Alcention, is that Portion of the Equa tor intercepted between the beginning of dries, and the Point of the Equator which is in the Meridian: Or it is the Number of Degrees contained therein.—This coincides with the Right-Ascension it self.—The Right-Ascension is the fame in all Parts of the Globe.

We forectimes ails fay, the Right-Afcention of a Point of the Ecliptic, or any other Point of the Heavens. See DESCENSION.

Dishipse Arennion. See Oblique Afontion.
To find the Oblique Afontion of the Sun, either trigonometrically, or by the Globe. See Arennional Difference, and Gross.

rence, and Grone.

The Arch of Oblique-Aftenfion, is an Arch of the Horlzon intercepted between the beginning of Aries, and the
Point of the Equator which files with a Star or Plante in
an Oblique Sphere.—This coincides with the Oblique Aftenfions it foli—The Oblique Aftenfions change according to
the Valued of the Places.

the Latitude of the Places.

The Difference between the Right and Oblique Scen-fions, is called the afconfional Difference. See Ascan-SIONAL. ASCENSION AL Difference, is the Difference between the

Right and Oblique Jeenston. See Ascension.

Or it is the Space of Time which the Sun rifes or fets before or after fix of the Clock.

To find the Afterford Difference trigonometrically, ha-

To find the Acconfigual Difference trigonometrically, having the Latitude of the Place, and the Sun's Declination given; tay, As the Co-Tangent of the Latitude, is to the Tangent of the Sun's Declination, to is the Radius to the Sine of the Acconfigual Difference. For Example, suppose the Latitude be 51°, 30', and the Sun's Declination 9°, 00'.

Then, to the Ar-co. of the Co- \$ 51°. 30'. 0,099395 Add the Tangent of ____ 90.00'. 9,199712

Sam is the Sine of - 11°. 29' = 9,299107

Sam in me once — 11. - 23 "December which is the describant Difference required; and being reduced into Time, by allowing four Minstee of an Hour for classed into Time, by allowing four Minstee of an Hour for Prince Sam be to any of the northern Signs, and the of configural Difference, and D.O. be listificated from the Right Princeffor D. In 75th Advances, 15; e.g., the Remarked Sign, the special Difference being added to the Right Remarks of the Configuration of the Right Remarks of the the Pole. See TABLE.

ASCENSORIUM occurs in our antient Writers for a ASCENSULTURE SEASON OF A SOCIETY OF A SCENT, ASCENSUS, the Motion of a Body tending ASCENT, ASCENSUS, the Motion of a Body tending ASCENT, ASCENSUS, ASCENSU from below upwards. See Morion.

In this Senie the Word flands opposed to Descent. See

DESCENT.

The Peripateticks attribute the spontaneous Afters of Bo-dies, to a Principle of Levity inherent in them. See Levity. The Moderns deny may such Thing as spontaneous Levity, and flow that whatever akends, does it in virtue of some extereal Impulie or Extrusion. Thus it is that Smoak, and other nernal Impulie of Extration. Thus it is that Smoak, and other rare Bodies, afternd in Annosphere; and Oil, light Woods, &e. in Water: Not by any external Principle of Levity, but by the Superior Gravity or Tendency downwards of the Parts of the Medlium wherein they are. See Gravity, Medium, ATMOSPHERE, &C.

The Alcent of light Bodies in heavy Mediums is pro-duced after the fame manner as the Alcent of the lighter Scale of a Ballance .- It is not that fuch Scale has an internai Principle whereby it immediately tends upwards; but it is impelled upwards by the Præponderancy of the other Scale; the Excels of the Weight of the one having the fame Effect by augmenting its Impetus downwards; as so much real Levity in the other: By reason the Tendencies mutually oppose each other.—See this further illustrated under the Articles Specific Gravity, Fluids, Hydrostatical Ballauce, &c.

ASCENT of Bodies on inclined Planes. See the Doctrine and Laws thereof, under the Article Inclined PLANE

ASCENT of Fluids, is particularly understood of their ri-fing above their own Level between the Sarfaces of nearly contiguous Bodies, or in stender capillary Glafs Tubes, or in Veffels filled with Sand, Afhes, or the like porous Subflance. See FLUID.

This Effect happens as well in vacuo as in the or Air, and in crooked as well as first Tubes. — Some

quors, as Spirit of Wine, and Oil of Turpentine, afcend fwifter than others, and fome rife after a different manner from others. Mercury does not afcend at all, but rather fabfides

The Phenomenon, with its Caufes, &c. in the Instance of Capillary Tubes, will be spoke of more at large under the Article Capillary Tube.

the Africk CAPILLAN YAME.

As to Planes—Two finouth polithed Plates of Glaß, Metal, Stone, or other Matter, being fo disposed as to be almost contiguous, bave the Effect of Several parallel capillary Tubes; and the Fluid rifes in them accordingly, the
like may be faid of a Veffel fill'd with Sand, Se, the divers little Interffices whereof form, as it were, a kind of Calittle Intertities whereat torm, as it were, a line of ca-pillary Tabes. So that the fame Principle accounts for the Appearance in them all. And to the fame may probably be a firthed the Aftent of the Sau in Vegetables. See Vi-

Jurgarinen in hem ill. And to the fine may sphelly be stribed the effort of the Sp is 1/gentless. See Vironament and Vironament of the surge Pipe of Clife be filled The GRANATION.

The GRANATION of the Special See Special

or most restricted in cryst receipt of the chief and of the chief and chief

Laftly, if the fame perpendicular Planes be so placed, as that two of their Sides meet and form a small Angle, the that two of their Sudes meet and form a limit! Angle, the other two being only kept a-part by the Interpolition of fome thin Body's and thus immerged in a Flaid fieged with fome Colors: The Flaid will accend between the Planes, and this the highest where the Planes are nearest; so as to form a Carve Line, which is found to be a just Hyperbols, one of the Alymprotes whereof, is the Line of the Fluid, the other being a Line drawn along the touching Sides.

The physical Cause in all these Phenomena, is the same burnt or consucted with Fire. See EARTH, BURNING, FIRE, FOWER of Attraction. The phylical Louis in all these Phenomena, is the tame Power of Attraction. See ATTRACTION. ASCENT, in Altronomy, &c. See ASCENSION. ASCENT in Logic, is a kind of Argumentation, wherein we rife from Particulars to Universia. See Universat,

ARGUMENT, and PARTICULAR. ARCUMENT, and PARTICULAR.
As, when we by, This Man is an Animal, and that Man is an Animal, and the other Man, &c. therefore every Man is an Animal.—Or Fire, Water, Air, and Earth, are four therefore the Number of Elements is four.—See Induc-

TION.

ASCIFIC, Agerra, Agerras, so antient Name for facts before, at in the primitive Times devoted themselves for the facts before the primitive Times and the primitive Tim

The Worl is derived from the Greek arrang, which is formal from arise, servers, Lexerife.

The Term Afteric is also ited as a Title of Greenil Books of spiritual Exercises. As, the Afteritie, or devour Texation Spiritual Exercises. As, the Afteritie, or devour Texation We also fay, the Afterities (II), manning the Exercise of Preyer, Medizion, and Mortfaction—See Myseric.

ASICHERITA, a Secretary. See Steinarany.

ASICHERITA, A Secretary. See Steinarany.

ASICHERITA, A SECRETARY AND ASICHEMISTON, Ser. as World Enquery will do mong over authent Writers, for ASICHEMISTON, Ser. as World Enquery will almong over authent Writers, for ASICHEMISTON, Ser. as World Enquery will almong over authent Writers, for ASICHEMISTON, Ser. as World Enquery with the ASICHEMISTON, Ser. as Secretary and Secretary an

a Monaflery. See Monastery.

ASCII, in Geography, are those Inhabitants of the Globe, which, at certain Times of the Year, have no Shadow. See

GLOBE and SHADOW Such are the Inhabitants of the Torrid Zone; by reason the Sun is sometimes vertical to them. See Torrid and

Zovz. To find on what Days the People of any Parallel are

Afcii. See GLOBE.

The Word is form'd of the privative Particle a, and Umbra, Shadow

szus, Umbra, Shadow.

ASCIT-R, in Antiquity, a Sect or Brunch of Montanitts, who appear d in the clevonth Century. See Montanits. The Word is derived from the Greek årch, a Bag or Bottle. The Affaire were 6 call'd, because they introduced a kind of Backanals into their Affemblies, who danced round a Bag or Skin blowd up, sying, they were chole me Bottles filld with new Whine, whereof Jefus Chrift men Bottles filld with new Whine, whereof Jefus Chrift

makes mention, Matth. xix. 17.

These are sometimes also call'd Ascadrozites.

Thele are fornetimes also call d Alcodrogites.—
ASCITES, in Medicine, a Species of Dropfy, affecting
chiefly the Abdemen, or Lower Belly. See Annonen.
The Alcites is the ordinary Water-Dropfy. See Dayers.
The Word is borrowed from the Greek draw Uter, Belly. ASCLEPIAD, ASCLEPIADEUS, a Greek or Latin Verie

ASCILEPIAD, ASCILEPIADRY, a Greek or Lativ Verle of four Fect, containing a Spondec, a Coriambus, and two Dachyls. See Foor and Verss. Such is the Verle, Maccans atavis Edite Regibus. Or of four Fect, and a long Syllable; the first a Spondec, and the second a Dachyl, after which comes the long Sylla-ble, sacceeded by two Dachyls: as,

ble, Inceceded by two Dathyls: as,
Sublimi feram fifter vertice.

ASCODROUTES, in Antiquity, a Sect of Hereticks,
in the fecond Century, who rejected all Ule of Sacraments,
on this Principle, that incorporal Things cannot be commankated by Things viable and corporeal. Sec Sacra-

They made perfect Redemption confit in the Know-ledge of the Univerie, Theodoret, lib. 1. Haret. ASCOLIA, in Anniquity, a Feath which the Pealints of Attica celebrated in Henour of Bacebus. See Frant.

Attica cubernal in Henour of Bacelon. See Faar-They factified a Gour to lim, and of the Sith thereon made a Foot ball, which they blow up, and ancitted with and a foot ball, which they blow up, and ancitted with and a longing themfore always one of Foot, whilf the other was falproadd in Air, by their frequent Falls, gave cention of Divertion or the Specitors—Henou their Fast took in ASELICUS, in Medicine. See MILLETPIDA ASELICUS, in Medicine. See MILLETPIDA ASELICUS, in Term among Balleden; by which they mean comman or fire Stores, as they come out of the Quarry, of different Lengths and Thickefiles. See Foresa

d OVARRY. and QUARRY.

ASHLERING, among Builders, Quartering to tack to, in Garrett, about 2-t, or 3 Foot high, perpendicular to the Floor, up to the Underfided of the Raiters See Building.

Root, Covering, &c.

ASII, in Building. See Timber.

ASH-WEDNESDAY, the first Day of Lent; so called from a Cassom of the antient Church, of Fatting in Sack-cloth, with Asses on their Heads, in Token of Humiliation.

LENT ASHES, Cineres, the terrene or earthy Part of Wood, and other combuffible Bodies, remaining after they are After are properly the Earth, and fix'd Sales of the Fuel, which the Fire cannot raife, all the other Principles being gone off in the Smoak. See SMOAR, FUEL, FIX'D, VOLA-TILE, SALT, &c.

TILE, SALT, SG.

The Chymitis frequently call the Abes of a Body its

Cals. Sec Call and Calcination.

Abes, if well burnt, are usually pure White, by reason

the Oil to which they owe their Blackness when in a Coal, is supposed quite evaporated. See Coal, Sulphur, Sc. WHITE, BLACK, Se.
The Affect of Kali, Fern, or the like, are a principal

Matter in the Composition of Glass. See Kall, Glass,

The Abes of all Vegetables are found to con informent that M. Geoffroy makes it a chymical Problem, which he propofes to the Public, To find Abes relibent any Particles of Iron therein.—Whether the Metal exitted any Particles of Iron therein.—Whether the Metal caused in the Plant themclese, or is produced in 'em by the Operation of Calchartion, is a Point very ingenioully controverted between Medi. Geoffroy and Lemery the younger, in the Memoirs of the Royal Academy. See the Sulfauce of the Miphale with the Article Metal. A Metal. A sulfact, are of confiderable Ulfs in making Listivane, or the Calchart of the Memoirs of the Calchart of the Memoirs.

Albert, are of confiderable Ule in making Litaviums, or Lycs, for the Parpoless Of Medicine, Blacaching, Sugar-Works, Sc. Sce Lixivium; fee alia Berachine, Sc. The Antients preferved the Alber of their dead Ance-flors, with great Care and Piety, in Urns, for the Parpole.

See Funkati, Uan, Es.

Alter, of all Kinds, in Virtue of their Salt, make an excellent Manure for cold and wet Grounds. See Manure.

Hence that of Virgil, -No pudet,

Effatos Cinerem innunudum jactare per agras-

Pot-Assies. See Por-Affec.
In the Philosophical Transactions, Nº 21. we have an Account of a Shower of Affect in the Architecture, which held feveral Hours, and extended to Places distant above 100 Leagues. See Shower and Rain.

Too Lesques. See Showen and RAINs.
ASIDE, in the Drams—Mallies, Sorofiem, is formething
which an Actor [peaks = part, or, as it were, to himself, for the
Intiraction of the Audience, by differential good Sentiment
which otherwise did not appear, and which is to be concalled from the rest of the Actor sthen prefent.
The fewerer Criticks condemn all Milest; and with forme
Readon; as they are a mainfelt Perceich of Probability—Ac-

Reaton; as they are a manifett Breach of Probability—Ac-cordingly, they are never to be ufed but at a Tunch, which a good Author will fearce fuffer himfelf to be brought to. See PROBABILITY, TRARBRY, COMENT; fee alfo Sentroquy. ASPALATH, ABRALATHOM, in Pharmack, the Wood of a prickly Tree, heavy, oleaginess, fomewhat fharp and bit-ter to the Tatle, of a throng Smell and Purple Cobour. See

Woon.
The Alphalath is otherwife called Rholium, or Rojivosal, and was antiently in much Reporte, as an Afringene or Dorey, but now difficile. See Rear-gibble, it refembles the Ligamu diers; and in Physick they are frequently fieldlitted the one for the checks. See Acros.
There are four Kinds of Alphalath—the first, of the Co-lour of Box just, folds, thenry, and of Smell life, See, Ga, whence it Appellators, Reference—The ference, red, events of the control of the Co-lour of Box just, folds, thenry, and of Smell life, for eventual the control of the Co-lour of Box just, the see and the Co-lour of Box just, the Co-lour rwifted, knorry: It has a rank Smell, like that of a Goat, and a difagreeable Tafic.—The fourth, has an aft-colour'd and a disgression later.—The fourth, has an affi-colour'd Bark, and its a Wood of a Purple Dye.

The Rofe-wood is what the Inhabitants of Martinico call

Cypreli-wood. See Cypress.
It affords an Oil of an admirable Scent; reputed one of the best of Persumes, chiefly used in scenting Pomatums

and Liniments. See PERFUME. ASPECT, ASPECTUS, in Perspective, Gardening, Sc.

ASPECT, ASPECTS, in Peripositic Canusings Co-See Packerse, Excesses, Ed.

Aspect, in Aftronomy, is uled for the Situation of the Stars, or Planets, in reflect of each other; or certain Con-figurations, and mutual Relations between the Planets, and ling from their Situations in the Zediac. See Stars, Plan-

Note that the observations are also as a combined a structure of the configuration may be varied, and combined a should Ways, yet only a few of them are confidered—theme, Waylin once accurately defines Appel the meeting of luminous Rays emitted from two Plancts, to the Barth, in the first Right Line, or including an Angle which is one or more Queta Parts of four Right Angle which is one or more Queta Parts of four Right Angle which is one or more Queta Parts of four Right Angle which is one or more Queta Parts of four Right Angle which is one or more Queta Parts of four Right Angle which is one or more Queta Parts of four Right Angle which is one or more Queta Parts of four Right Angle Manufacture of the Right Angle Right Angle

gier. See Ray and Angle.

Hence it follows, that Conjunction and Opposition are the two Extremes of the Affects; Conjunction being the Beginning, and Opposition the highest Term. See Conjunction and Opposition the highest Term.

Befide

Befide thefe two extreme Affects, Conjunction, and Op-nition, the Antients reckond three other, viz. Trigon or Deficien, the Antients reckond three other, over 2 region or frime, the Angle measured by A. B. Tab. Aftern. Fig. 5. Terrages or Ematarae, the Angle measured by the Quadrant A. D.; and Sextile, which is the Angle measured by the Quadrant A. G. See Tricon, Tetracon, Quadrant A. G. See Tricon, Tetracon, Quadrant A.

and SENTEL.

The Doffring of Mpells was introduced by the Aftrologer, as the Foundation of their Predictions.—Hence Kepher defines Mpell by an Angle formid by the Rays of two Flanets meeting on the Earth, able to excite form natural Power on Influence. Accordingly, we road much of Forige Mpells, making Mpells, &c.—heat this Notion is long ago-capioded. See Avranciov.

exploided. See Avracocov.
To the aution-specifi, the modern Writers have added forceral poron; as Directs, containing the tenth Fart of a Circustry of the Control of the C

rile, consisting one cighth; and Prestitie, containing more complete and enterpolar charge or two Finest in the offset of Conjunction in 0; in the South-Southe (April 20°s) in Declies, 8°s in Othele, 4°s in Soutie, 6°s in String, 10°s; in Souties, 10°s; in Souties

Circis.
The Specii are usually divided into Partile and Platie.
Partile Assects, are when the Planets are just so many
Degrees distant, as is above expressed.
Platie Assects, are when the Planets do not regard each

Platte AFFECTS, are when the Planess do not regard each other from the very Degrees; but the one exceeds as much as the other comes thort.—
Double AFFECT, is used in Painting, where a fingle Figure is to contribed, as to reprefent two or more different Objects, either by changing the Polition of the Eye, or by means of angular Claffes.—

Instances hereof see under the Articles MIRROR, CATOF-

Indiances hereot les under the Arthicis Mirror, ANDERICE CISTULA, ANAMORINOSIS, EC.
ASPER, in Grammar—Spiritus Asses, a Character or Accent, in form of a c₃ 1—co-6 over certain Letters, in the Greek Tongue, to flew they are to be throughy adjusted, and to furphy the Place of an A. See Astrian.

Astria allo fignifies a little Turkifth Silver Coin, wherein melt of the Grand Signior's Revenues are paid. See Coiss

Mirror Control of Control Control of Control of Control Cont

and Money.

and Moure.

The affect is worth forneshing more than an Englith Half-penny—The only Impression is bears, in that of the Prince's Heat under whom it was fireth—The yoy fine plantace, it from tweeto to serve the prince of the prince's the prince of the Next, before the Originary in upper Boll is called the Largers from whose it defends to the fourth from the prince of the Next, before the Originary in upper Boll is called the Largers from whose it defends to the fourth for the prince of the Next, before the Originary in upper Boll is called the Largers from whose it defends to the fourth for the prince of the Next, before the Originary in the prince of the Next, before the Originary in the prince of the Next, before the Originary in the prince of the Next, before the Originary in the Next, before the

Lungs. See Oesophagus, Larvnx, Vertebra, &c. It is formed of annuar Cartinges ranged at finall and equal Diffiances from one another, growing finaller and finaller, as they approach the Lungs; and those of the Bronchia lo close to one another, that, in Expiration, the fecond enters within the first, and the third within the fecond, and the following always enters the preceding. See

cond, and the 100 mbm aiways enters the preceding. See REFERATION GE. Betwint the Larynx and the Lunga, the Cartilages make not complete Rings; but their hind Part, which is conti-guous to the Octophagus, is membranous, that they may better contrast and dilate, and give way to the Food as it paffes down the Gullet. See Deacutions.

The Cartilages of the Bronchia are completely annular,

The Cartinges of the Bronchia are completely annular, yer their capillary Branches have no Cartilages, but inflead of them finall circular Ligaments, which are at pretty large Diffances from one another.—The Ufe of the Cartilages, is to keep the Paffage for the Air open; but in the capillary Bronchia, they would hinder the subfiding of the Vessels.

Brondina, usey woo analest the inhumalog of the vertices of Boxenila.

These Cartilages are ried together by two Membranes, external and internal: the external is composed of circular Elbres, and covers the whole Traches externally; the internal is of an exquisite Smite, and covers the Cartilages internally; it is composed of three diffind Membranes; the first worse of two Orders of Elbres; those of the first Orientary and the control of first woven of two Orders of Fibres, those of the first Order being longitudinal, for the shortening the Trachea, these make the Cartilages approach and enter one another the other Order is of circular Fibres, for the contracting the Cartilages.

When these two Orders of Fibres act, they affish, together with the external Membrane, in Expiration, in Coughing, and in Altering the Tone of the Voice. See EXPIRATION, Voice, &c.

Voice, §C.

The fectod Membrase is altogether glandulous; and the occurrency Verffex of in Ginnde opening into the Cavity of the Cavity of the Cavity of the Cavity of the Arteries, and defending it from the Actinous of the Arteries, the Vein sar Banaches of the Pranc Cava, the Nerves of the Recurrent; and the Arteries, Spring of the Carotides. See further and the Arteries, Spring of the Carotides. See further and the Arteries, Spring of the Carotides. See further and the Arteries, Spring of the Carotides.

ASPERIFOLIAE, in Botany, one of the Divisions or Kinds of Plants. See PLANT.

Rinis of Finns. See Prant'.

The Charefore of the Affericibium Kind, are, that the Leaves final shemately, or without any certain Order to Margin cation for Philipse, functione deep, functions that low yas the Philipse, functions deep, functions flatilety and the upper Spide or Top of the Plant, is of concerned back, function final the property of the Plant, is of concerned back, function final final property of the Plant, is of the property of the Plant, is of the property of the Plant for the Plant for the Plant for the Plant for this Canada, After each Flower their shall place of the Seedy After the Carlot for the only Plant for this Canada, the Plant for the Canada, the Plant for this Canada, the Plant for thi

that hat lets than 1011 societ at the Root or care reover; this, indeed, bath but two.

The Herke Afferifolie, are the Pulmoneria Maculofa, Cyneglofa, Baraga, Buylofa, Anchafa, Echinum, Linnan Umbalitzatum, Helstaropium majus, Aparitum major, Caldida major, Lithospermum, Echinum Scorpeides, and Cadalida Maria M

ASERBUTY, Astranya, mine Learning Stephens, and teASERBUTY, Astranya, implies the languality or
Rooghand of the Surface of any Body, whereby from ParaRooghand of the Surface of any Body, whereby from ParaSee, from patting over the calify and freely. See Para-reta.

Allerity, or Rooghand, inhand oppoids to Smoothand,
Prom the Agricy of the Surface of contiguous Surface,

attics Friding. See Surrance and Para-retors,

attics Priding. See Surrance and Para-retors,

the Surface and Para-retors,

the Surface and Para-retors,

the Touch, in Rood

appear that every Color has its particular Degree and

the chartest of Colorus; but the other as required as the

proportion as they are lighter in i.e., the roogheid as one al
special retors, and the surface of the Colorus, Incomy, Gr.

ASPERSON, No. 88. 48. 64 Pipitaling up Wit Macro, or

Some contend for Baydin by Alperfine, other by In
merrico. See Baryaia, Issuation of See. for more free. See.

merfion. crition. See Bartism, IMMERSION, U.S.
The Word is form'd of the Latin aftergere, to fprinkle; ad, to, and fparge, I feature.
ASPHALITES, in Anatomy, the fifth Vertebra of the

Loins. See Vertera.

It is thus called because conceived as the Support of the whole Spine of the Loins; from the Privative « and σφαλλ»,

ASPHALTOS, or Asphaltum, a folid, hittle, black,
ASPHALTOS, or Asphaltum, a folid, hittle, black,
inflammable, bituminous Sahltince, refembling Pitch,
brought from India; whence it is also called Jewife Pitch.
See Pren.

The Aphales belongs to the Class of Bitumens; and is the further maturated and ennoched of the whole Tribe; but conflits of the fame timple Principles as the reft. See BITUMEN and SULPHUR.

Betwaters and Strutters.

Betwaters and Strutters between view Learn Affiliation, or Deal Stee, where satisfactly used the Clitics of Scale and General-in-tis cit up from time to time, in the between the Clitics of Scale and General-in-tis cit up from time to time, in the between the Clitics of the Clitic It is found fwimming on the Surface of the Lacus Albhal-

among the Antients, wherewith the Walls of Babylon were laid. See Mon ras, 5%. It yields an Oil which defends Ships from Water, Worms, 5%. much better than the ordinary Composition; and which is also of good Service for the cleaning and heal-

and which is also or good service for the cleaning and near-log of Ulcers, Ef-Arric, vulgarly called Oil of Spike, is an inflammable Oil drawn from the Leaves and Flowers of a Plant frequent in the Southern Parts of France, refem-bling Lavowder, and by the Bounilis called Lavandata bling Laver See OIL. Mas.

Mas. See Ost..

It is much used by Paleters and Farriers; and formetimes
also in Medicine.—The true Oll of Asjic, is of a white Colour, and an aromatic Taste; and is held the only Thing
capable of distoring Sandarach: By which it is easily ditinguish'd from the Counterfeit, which is only Oll of Turpenting mixed with a little Petrol.

ASPIRATE, ASPIRATIO, or Spiritus Affer, in Gram-mar, a Character used to denote an Afgiration. See Aspira and ASPIRATION

ASPIRATION.

ASPIRATION, the Act of affirating; i.e. of pronouncing any syllable, or Word, firongly; with a good deal of Breath, and Vehemence. See Aspirate and Pronunci-

eng any sytuble, or Word, frengly, with a good deal of Reach, and Vehenness. So All'14-xxx and Pocured-Thus we do, for inflance, in their Words which have the Letter 14th, teitre them; as Hannage, Hook, Idolland, Henn, Gr. whereas the like Sylables are founded much Henn, Gr. whereas the like Sylables are founded much Henn, Gr. whereas the like Sylables are founded much Henn, Gr. whereas the like Sylables are founded much Henn, Gr. whereas the like Sylables are founded much Henn, Idolland, Henn, Gr. which we have described as marked derivation, and marked over their Vowel, forms so be very different from the Lecure, but in, greentleds, irme Letters; award as the reflect and the receipts and many the form of the Languages and the Propin, and among the fame Province of the Proping of the Propi

See Vows: A mode of the Chapter for the Company Sounds and include ya Macion of the Organ Inpended at the Marion secretary to present the finite board of which Kind Nova and editors and the Chapter of See Chapter of Marion Nova an different is an Effect or Configuence of a Motion made by form of the Organs of Spech, and therefore must either be a Vowel or a Continuation—The Former it cannot be, a most being a finished sound, or a Sound that may be prosonted by it felf. It must therefore be a Modificative, and Continuity, and in Effect in Sea all the Properties.

figuity. or Conforming and in Effect it has all the Properties of Fact, fig. it entitles from a Medicin of the Oppos, which of it clell, produces no Sound. Thus the Springer of the Greek, our it deplies on the Street of the Provide, and and the Springer, as well as that of the Provide, and other street, and the Springer of the Greek, and clope, of the Entitlera Language.

**adity, to the Construct, our h, the Springer of the Greek, and Copk, of the Entitlera Language.

**adity, to the construct, our h, the Springer of the Greek, and the Vowerie, in the Sime memore a Conformats area—They modify those Vowerie, and are Effects of a Motton of the Oppon inpreaded to the Motion moenting to form the Coppon inpreaded to the Motion moenting to form the Coppon inpreaded to the Motion moenting to form the Coppon inpreaded to the Motion moenting to form the Coppon in the Coppon of the Coppon in th racters in the Courle of the Words themsleve; og, as the Greek's do from of theirs, by a Sign of Alpiratrian placed over the Vowel; it matters not. The Alpiratri is no left a Confonant in Alpir, than in yazay in 6a, than in Xiv; in 5as, than yaza; and foo others. The third and last Reason is, that the Eastern Langua-ges, which do not express the Vowels, do yet express the

Add, that the Appirate is frequently chang'd into a Con-fonant, and expressed by a Contonant. Thus, of \$\xi\$ is made

A G S Saxy of irras, Spierra; of irrass, Fifterus, &c. Of the Holtzen IV, Tale, and sheeke Firam, &c. Net, even in the first Holtzen IV, Tale, and sheeke Firam, &c. Net, even in the first the property of the state of the state

tures, founded on the different Relations of Travellers—They who after the Antients, fuppele it drawn from the Lafor, or Laforphium, would be bard put to it to get clear of those many Diffures which have to often divided the Ben-nifit on the Subject of the true Lafor, and the Succus Cy-reaciers, foi infinitely prized among them. Indeed there Reems but little Refermiblance between the Coun definible to M. December 2018. by M. Furctions, out of Plins, lib. xix. c. 3. and our Affa-Fatida: If they be the fame, 'ris certain we are not ac-qualeted with half its Virtues.

qualities with half its virtues.

The modern Alfa-Farida, which is little used but by the
Farriers, is a Gam faid to diffill during the Summer's Heats,
from a little Shrub, frequent in Perfa, Media, Affria,
and Arabia.—It is at first white, bordering on yellow, then
on red, and lastly on Violet; and melts under the Fingers like Wax.

Ilio wax.

It is of known Efficacy in some uterine Diforders; but
the Rankness of its Smell occasions it to be feldom used;
yet in the East-Indies it makes an Ingredient in their Ra-ASSA-Dulcis, a Name fometimes given to Gum Ben-

ASSA-Ducers, a Name Gemetines given to Cam Rei-piny. See Blagory or Astan, Backesa, a Finau men-piny. See Blagory or Astan, Backesa, a Finau men-tioned by Pliny and Buildwide, under the Name of the Will Astanda; by us called Assaruy.

Asserting relates, that it is brought from China; that his Roots refemble their of German, or Bey'' Tools; but stated, and the Charles of the China of the China of the China Charles and the China of the China of the China (Charles), and from Authers et doid a regerition of the ferrance in the guidering 'un' They alledge, that if the Enauth of pull desworth becomes condrict, but I fackerading purgative. Rulandus and Fernelius frequently describe it a Diurctic.

as a parette.

But it is chiefly used among us as a Sternutatory, in order to which, it is dried and reduced to a Powder, to be
taken as a Snuff; in which Quality it drains the Head of ous Humours

ASSACH, or Assath, a kind of Purgation, antiently ofed in Wales, by the Oaths of 300 Men. See Punga-

TION and OATH.

ASSALLANT, one that affaults, or fets upon another.

See Assaurt, ATTACK, &c.

ASSART, in Law, an Offince committed in the Forest,
by pailing up, by the Roots, Woods which ferre as Thickcts and Covert for the Deer, and making them plain as

eth and Covert for the Deer, and making them plain as arable Land. See Forest.

This is the greateft Trefpuls that can be committed in the Foreft, being more than a Walte. For whereas Wafte of the Foreft is but the felling and cutting down the Coverts, which may grow again; Affart is a total Extirpation thereof. See Warra.

What we call Affartum, is elfewhere term'd Dishofeatio.

Assaur was also used for a Parcel of Land affarted. See ASSART.

AMANT.
AMANTA-Rests, were those paid to the Crown for the Forell Lands offered. See River.
Rest Lands offered. See River.
Rest Lands of Rest who kills such early with the Advistion of the Statution of the Piece, or by strucking him at unitget offere of a restriction. The Work of the Statution of the Piece, or by strucking him at unitget of the Rest Lands of the Piece, or by trucking him at unitpress the Rest Lands of the Piece, or by trucking him at unitPiece of the Restriction of the Advisory of the Restriction of the Piece of the Restriction of the Advisory of the Advisory of the Advisory of the Advisory of the Piece of the Restriction of

ARSACIDES. ARRACIPAS.

The Jew Zenjamia, in his literary, places them near Mount Library; and calls them in Hebrow, from the Arabic purply, El affire, which flews that the Namedid not come from Arfabide, but from the Arabic purpl, Alli, Infeldancy, a Perion who lies in Ambuff.

The Allastins, or Allastinians, Allastinii, abovementioned The Mallini, or Malliniani, Mallinii, sovermentolico, poffelfid eligibi or twelve Citics about Tyre: They chole themselves a King, whom they call'd the Old Man of the Mountain. In 1113, they affigured Louis of Bawaria. They were Mobinetoni, but paid fome Tribute to the Knightser Templars.—The Favourers of the Mallinis were condemned by the Council of I.yous, and under Innocens IV. in 1231.

The Tartars overcame them, and kill'd their old Man of the

Mountain in 1247, upon which the Falloto became extinct. ASSATION, the preparing or decling of Medicaments, or Foods, in their own Juices, without Addition of any foreign Mediture.

Affician, in refpect of colinary Matters, is more frequently call'd Rossling; and in Pharmacy, Ufton or Torrefaction. See Drassing, Roasting, Torresaction,

Gr.

The Word is form'd of the Latin Affort, to readi.

ASSAUTT, in the Art of War, an Amelian and upon

ASSAUTT, in the Art of War, an Amelian and upon

Amelian and the Amelian and Amelian and amelian

Amelian and a fercin themselves by any Works—

Amelian do not recro themselves by any Works—

Amelian do not recro themselves by any Works—

Amelian do not any Works—

Amelian do not any Works—

While an Afford in the Amelian do not a fercine and Afford in the Communication to the Afford, to Band an Afford in to repulse

While an Afford is this, and both Furices are mix'd y there is no set of Classon on of the Sadie, but they are strind of the same and the same

us no use of Cannon on either side; for they are afraid of defironing their own Mon thereby.

A Governour is obliged to fuliain three Affaults ere he give up the Placo—Tis very difficult faving a Town from Pilage that is carried by Affaults. See Placatos, See.

The Enfaus perdus march first to the Affaults. See Entage Perdus.

FANS Perdus Assaury, in Law, is a violent Injury offered to a Man's Person, of a larger Extent than Battery, for that it may be committed by only officing to give a Blow, or by a threatning Speech, See. See Barrany, Words, for the hade

ning Specch, Sr. See Barrain,
To rebake a Collective with foul Words, 6 that he depared for Fars, without doing his Collection and self-selfgard for Fars, without doing his Collection and here with the
Blow, is request the time. In Terlegation for Affairst, and excelled in the Barray, a 256c.; 3
could in the Barray, a 256c.; 3
collection for Third or the Collection for Affairst, and excelled in the Barray, a 256c.; 3
collection for the Collection for the Affairst, and excelled in the Collection for the Affairst, and excelled in the Collection for the Collection for

SET ING PITTISE INSEX.

ASAN OF Wights and Meafures, fignifies the Trial or

Essimilation of common Weights and Meafures, used by

the Circle of the Market. See Winorr, MASUNE, SYAN
DARD, CLEAR of the Market.

ASSAYER of the King, is an Officer of the Mint, effa
blifthd for the Mily, or due Trial of Silver and Gold. See

Assay.

The Affayer is indifferently appointed by the Mafter of the Mint, and the Metchants who bring Silver, &c. for Ex-

ine start, and the Merchants who bring Silver, &c. for Exchange. See Mistr. Coin, &c.
ASSEMBLAGE, the joining or uniting of feveral Things together; or, the Things themselves to joined, or united. See Usion, &c.

The Affemblage of two Bones for Motion, is called Arti-

The word is form'd from the Latin addinibles's compounded of ad to, and final together.

Assumbles of the Clergy, are called Convocations, Synods, Councils; the that annual one of the Kirk of Scatland, retains the Name General Assembly. See Convocations, control of the Convocations of

tans, remins the Name General Sysmony. See Convoca-tion, Synop, Council, &c.
Tho Symphose of the Roman People were called Comi-The Membles of the Roman People were called Comi-

tia. See Construction. Sec.

The Assembly of a Preacher, Sec. is his Audience.—The Academies have their Assemblies, or Days of Assembly. See

ACADEMY, Sc.
The Alfemblies of Diffenters, Sc. are frequently called Conventicles. See Conventicle.

Assembly is particularly used in the Beam Moule, for a fitted and general Meeting of the policy Perform of host Secus; for the file of Convertibine, Callisarry, and News.

Assembly of the Campa Merti, or Mail, of the Ref. Assembly of Man, or May, See Prince of Afort, See Charge, Comparing of Man, or May, See Prince of Assembly, in a Camp, Ur. See Quarter of Williams.

QUARTE of Agenishy:

Assembly, is also used in the military Art, for the second
Beat of the Drum, before the March, See Draws.

On hearing this, the Soldlers strike their Tents, roll them
up, and then stand to their Arms. See March
The third Bealing is called the March, as the first is cal-

led the General. See GENERAL.

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led the General. See Cristana.
ASSENT, Assession, an Agreement or Acquiricence of
ASSENT, Assession, an Agreement or Acquiricence of
ASSENT, Assession, and Agreement of the Acquiricence of
ASSENT, Assession, and Agreement of
Agreement of the Assession of Agreement
The Schoolmen observacion is to allow it true, or to precive
The Schoolmen observacion is to there only got one
Afferie of the Mind-Thus, in the conditional Proposition,
If the Som phines is it steps; there is easy one Afferie of the
Mind, which regards the Comercion of the Efficiency with the Mind, which regards the Commission of the Effect with the Condition. So in the disjunctive Proposition, Peter either studies, or does not study; the Mind does not give a two-fold offent to the two Parts thereof, it being enough that Peter do either the one or the other, for the Proposition to be true. See PROPOSITION.

Affent is diffinguished, like Faith, into implicite, or blind; and explicite, or feeing. See Farry, Ge.
Others diffinguish it into actual and Fabitual.—

Others diffiguith it into affact and fabilitation.

Affact Affact, is a Jadgment whereby the Mind perceives a thing to be trac—

Habitual Affact confils in certain Habits induced in the

Mind by repeated Afts. See Habit and Habituals.

To this belongs fabit, which is an Affact arting from the

Authority of the Feron who freshes Such also is Opinion.

Which is defined an Affact of the Mind cam formalize Op
which is defined as Affact of the Mind cam formalize Op-

which is defined an Ayens of the Mind come formulate Op-polist, &c. See Faith, Orinion, &c. For the Mediures and Degrees of Assent, fee Proba-bility, Versismilitable, Evidence, Demonstrati-

ON, &c. a. Mallebranch lays it down as an Axiom, or Principle

of Method, never to allow any thing for Truth, from which we can forbear our Affent without fome fecret Reproach of our own Reason. See Liberty, Method, Maxim, ASSERTION, Asserte, in the Language of the Schools, a Proposition which a Perion advances; which he arous to be true, and is ready to maintain in publick. See Pro-

ASSESSOR, or Assessour, an inferior, or fubordinate Officer of J. "ice, chiefly appointed to affift the ordinary Judge with his Opinion and Advice. See Judge and Jus-

THE Mallers in Chancery are Miriform of the Lord Clandellow We Marries, and of an extract and form of the Marries and the extract and fore, 1 fit.

There are two Kinston of Miriform in the insperial Chamber, collarsy and extraordinary—The trainary are now in the terror of the Company of the

Collection made. See Tax, &c. Collection made. See Tax, &c.

By the Stat is & 17 Gar. a. two Inhabitants in every Farifin were made Affefors for the Royal Aid. See A12.

ASSETS, in Law, Effects fufficient of difcharge the Burden laid on an Executor, or Heir, for futifying the Teffator's Debts or Legacies. See Executor, Haira, TestaSTRMT, Legacy, &c.

nor Debts or Legacies. See masses of the property of the French of the Act o

Of real Affets there are two Sorts, per Defcent, and

Affets enter mains. ASERTS for Defcent, are where a Man enters into Bond, and dies feized of Lands in Fee-fimple, which defeend to

s, and are therefore chargeable as Affers in his If the Heir alien the Lands before the Bond be his Heirs, Hands. If the Heir alien ri put in Suit, he is discharged.

put in burt, ne is discharged.

ASSLYS EUTE Mains, is when a Man dies indebted, leaveing to his Executors fufficient wherewithal to discharge his
Debts and Legacies. See Executors.

ASSEVERATION, an earnest Assirtantion, or Ayonch-

ASSEVERATION, an extend Affirmation, or Arounding See Aversacytron, See Aroundstry a See America
per See Aversacytron, See Aroundstry a See America
per See Aversacytron, See Aroundstry a See America
per See Aversacytron See Aversacytron
per See Aversacytron See Aversacytron
per See Aversacytron See Aversacytron Afford
any Merch of Supercognion necessary—They were the Fatherror and Predections of the Photograp and from them
the print of See Aversacytron of See Aversacytron
The Jeluit Servativa and Denphi, have wrose against
can hoter upon the Sub-Pee of the Affaestar, on occasion
of a Ballage in Polish See German the first maintaining,
and the See Aversacytron See Aversacytron
of the See Aversacytron
of See Aversa

ter Pharifees.

and the sixth of t

during the Farm', or "filewise," which was fixed at 33 Fixed Tighty per Residual Conferency, Philips, V. being acknowledged King of Spirit by the Atlanta of the Articles of the Passes between Physical and Passes, that the Afficient Courtest Residual Conference Physical and Passes, that the Afficient Courtest Residual Conference Physical and Passes, the Afficient Courtest Residual Courtes

race, was committed to the SWID-Net Compainy, just then I streng hereof, they are yearly to foundly flow Negrous; for which they are to pay at the fame Rate as the French, with this Condition, that during the first 3 ran, roll the strength of the strengt

not go; and t d that for the first to Years, the faid Ship may

The manner of valuing the Negroes, in order to fettle the King of Spain's Duty, is the fame as delivered under the Article Negro.

the Artic

ASSIGN, in Law, a Term introduced in favour of Ea-frards; who, because they cannot pass by the Name of Heirs, are comprised under that of Assigns. See Heir and BASTARD. Assern is also used for the appointing of a Deputy, or

the making over a Right to another. See Assigner.

In this Scole we fay, fuch Lands or Effate were affigued or affected to fuch Persons for fach Uses, &c. See Apprac

In the Stat. 20 Edw. I. we read of Justices assigned to

The Ostal To Zaw. I we read or Jattices appear to take Affices, 6d. See Assizz.

Assics also fignifies to point out, or set forth.—Thus we far, to affices the read Casks of fuch an Event, 6c.

So, to affices Error, is to flew in what part of a Process
at Law, an Error is committed. See Enros.

To affign false Judgment, Verdiel, &c. is to declare how ad where Judgment, Verdiel, or the like, is unjust. See

and water judgment, verdict, or the like, is unjuit. See Juponkern, Varnier, ée. To affige Wafte, is to flew especially wherein the Wafte is committed. See Waste:

ASSIGNER, in Law, a Person to whom a Thing is appointed, or affigued, to be occupied, paid, or done. See Assign.

Asson.

An Alligner differs from a Deputy in this, that the Alligener possible or no possible thing in his own Right; and a Deputy in he Right of another. See Deputy.

Alligner by Beed, Is when a Leffec of a Term fells and diffuse to Breds, I when a Leffec of a Term fells and diffuse to the me to another that other is his Alligner.

by Deca .-

Aligane by Lave, is he whom the Law so makes without any Appointment of the Perform—Thus, an Executor is Aligane in Law to the Testator, who dies possible do a Leafe made to him and his Aligans. See Executor, TESTATOR, &c.

ASSIGNMENT, the Act of Affiguing, or transferring to another. See Assign.

The Affiguress of a Dower, is the fetting out of a Woman's Marriage-Portion by the Heir. See Establishment

mars Marriage-Ferically the Hair. See Beyaralmusters and Downs.

ASSIMILATION, the Aft of affirmitating 10 as Aft After Affirming the After Tradeout firming to the ton occ. associated to the Affirming the American See State (1988). A stranger of the American See State (1988), A stranger of the American See Morton, Boon, Affirming to the American See Morton, Boon, Cont. of the American See Morton, Boon, See Morton, Boon and December 1988 and See Morton, Boon and December 1988 and December

ACCESSION, AUGMENTATION, &c.

Such Assimilation we see in Flame, which converts the oily or other Particles of a Fuel into its own siery and lumi-

oily or other Particles of a Fuel ind is own hery and number shares. Soe Flaxer, Furth, Fire, 5%.

The like we fee in Vegetables, where the watery Jules imbibed from the Earth, being further prepared and digefted in the Veficles of the Plant, become of a vegetable Nature, and augment the Wood, Leaves, Firel, 5%; there-of. See Vegetable, Vegetation, Sap, Wood, Fruit,

So in Animal Bodies, we fee the Food affimilated, or changed into an animal Subhance, by Digethion, Chylification, and the other Operations necedity to Nutrition. See Food, DIGESTION, CHYLIFICATION, NUTRITION, ANIMAL, See ASSISA, or Asstse, Affize. See Assize. Assisa Cadera, to fall from the Affile, in Law, is to be

nonfitted. See Nonsur.

Assish Cadit in Faratam, is where the Thing in Controverly is fo doubtful, that it must necessarily be tried by

a Jury. See Juny. Assas capi in modum Affice, is when the Defendant pleads to the Affice, without taking any Exception to the Count, Declaration, or Writ.

Count, Declaration, or Writ.

Assista Normannit, is an office of Nulfance. See NutAnes and Annorance.

Assista Polement, is an office of Nulfance to PriviAnsas Paris of Cervolling, denotes the Fouer or PriviAssista Pacific of Cervolling, and the Weights and Meditare of the
Breat and Beer. See Assist the Weights and Meditare of the
Assista Pacifician, in Law, fignifice a ladgment of the
Court, given either against the Plaintiff or Defendant, for
Assista Certificational, is a WithVisionAssistation of the Court

Assistation of the Court of the Court of the Court

Assistation of the Court of the Court

Assistation of the Court

Assi Assas Continuanda, is a Writ directed to the Juftices, to take an Affice for the Continuance of a Caule, where certain Records alledg'd cannot in Time be procured by

certain Records allofged cannot in Time be presented by the Tary See Walt is a Wird infected to the Indition of Miles, for the Stay of Proceedings, by readon of the King Bufferfu, wherein the Party is implyed. See Warre.

ASSIEL, or Assas, Milh, in Law, a fitting of Judges, the Control of the King of Proceedings, which is the Control of Casinose Judges of the Control of Casinose Judges of the Control of the

Milder, I, at to y, which a scumpounces or me, vor-1 fit. See Assessors.

Assizz, or Assizzs, were originally ufed for certain extra-domental conditions of the precior judges, in the inferior Courts depending on their Juridiction; to Inquire whether the fab-altern

P
P

ASS (154)

Compaints preter'd against them; and take Cognizance of Appeals from them. See Appeals from them. See Appeals from them. See Appeals from them. See Appeals from the Appeals from the Realm; held occasionally in the King's Palace, for the final Decision of all Affairs of Importance. See Cover, Palace, Ge.

This is more finally culture from the Miller of the Palace, Ge.

This is more valley clied, smoog our Writes, Plastic, or Carie Genralet. See Pactar A, 8c. Text there is some Difference between figure and Plastic, Text there is some Difference between figure and Plastic, text the contract of the Counter, or Counts, and rendered Justice in the Plastic plastic plants of the Counter, or Counts, and rendered Justice in the Plastic plastic plants, belied very Day, and called Plasticms, the one cellulary, clied every Day, and called Plasticms, the contract plants of the Counter, the one cellulary, and called Plasticms of the Counter, Counter, Smalley, School, Smalley, School, Smalley, School, Smalley, Smalley, School, Smalley, Smalley, School, Smalley, Smalley, School, Smalley, Sm

so be folemn and extraordinary. so be folemn and extraordinary.

The modern Conditution of Affires is pretty different from that hitherto lpake of.—Our Affire may be defined a Court, Place, or Time where, and when Witt and Proceeding, icher civil or criminal, or both, are confidered, dispatch d, dedded, de. by Judges and Jury. See Paoesas, Dar, Jury, See.

In this Senie, we have two Kinds of Affires; general and

fpecial.

fereith.

Gerral Assizsa, are though held by the Judges twice as
T. T. Shure of the deal filter is explained by any Lord
Bacon, who observes that all the Counties of the Ningdom,
are divided into fix Circuits, the each of which two learntract, each of Judges of Judges, who have been
Committion, by which drop its, vis.

Committion of Oper and Terminer, discided to them,
The Circuits See Circuits and the control of the Circuits
See Circa and Tyminer—In this Committion,
the hughest of Affire are of the Reporting. In that without
them Power to deal with Treation, Marciers, Federick,
and Circuits. See Circa and Tyminer—In this Committion,
the hughest of Affire are of the Reporting. In this without
them Power to deal with Treation, Marciers, Federick, and
ether Middenstoner. See Thankow, Taxony, &c.

them Offer to use was well as the control of the co other Middemeanors See TREASON, FELONY, &c.

The Sheriff of every Shire is also to attend in Person, or by a fufficient Depury allow'd by the Judges, who may fine him if he fail. See Shealff.

when it he fill. See Strasty.

This receiler Conditions of Judges, Circuis, and difficat, we begue in the Time of Henry the Second; the General Assert, is a particular Committion granted to certain Ferios, on the Cognizance of fone one or two Carls, as a Difficial, or the like—This was frequently predicted among our Auctions, Tradian II with directly on the Sherifi, for the Recovery of Folifition of Things immoresable, whereby our fift, or Auction. Vanc been Additional Confession of the Recovery of Folifition of Things immoresable, whereby our fift, or Auction. Vanc been Addition.

ble, whereof your felf, or Ancestors, have been differe'd. See Writ, Possession, &c.

ice Writ, Possession, &c.

Littleton, and others, Suppose these Writs of Affize to give the Denomination to the Affizes, or Courts so called a assign several Reasons of the Name of the Writ:

Hird, because such Weits fettle the Possistion, and Right in him that obtain by them. Secondly, Because, originally, they ever executed at a certain Time and Place appliance, for, by the Norman Law, the Time and Place must be known forry Days before the fullice first, and by our Law there must be fitteen Days Preparation, except they be tried in

sliem Judges and Officers did their Davy to receive the the Banling Centre at Widning/Arr—Box, it is now now. Compliant perfert against them; and take Cognizance of receive the transport to Witning received in the Court, and Appeals from turns. See Arrar action, completed for the transport of Witning received and only tred at figure to the Court of Miller, be read appealed to the Real new real perfect of the Real my held occasionally in the Tho, of later Davy, they are disparched at the general Real Facility of Affairs of Im. Affairs of Im. Affairs of Im. Affairs of Im. Affairs, show with the Commission of Open and Ternizer,

Scc.
This Writ is as well of Things corporcal, as incorporcal

This writes as web, or range conversal, and Rights, being of four Sorts, vie. Rights, being of four Sorts, vie. Rights, or Mille, of Nove Direction for Life, is lately difficied of his Lands or Tenements, Rent-Gervice, Rent-Seck, Comment Water Comments and Comment Water Comments and Comment

Ancettor have prefenced a Clerk to a Church, and after the Church becomes avantar by his Death, or otherwise, a Stranger perfent his Clerk to the fame Church, in my Diltarger perfent his Clerk to the fame Church, in my Diltarger than the Church, in the Place of Duels; which, till then, had obsained on the Occoffont—Magna affilip of Fequile Bew Fictions, Clements principlis de Contilo preferrom popular industrum; a contract of the Church of the Ch

goo oue commum El Hann Integratat rom Salabrier Con-hilitur, us in Jure quad quis in libro Soli teemento poffi-det, retinendo, Duello Caliros bomines declinare poffunt, Sec. Glascill, libr. St. c. 7. Sec. Duest, Connar, els. Assaza of Urrum, lies for a Parfon againt? a Laynan, or a Laynan againt? a Parfon, for Land or Tenement, doubt-ing whether it be in Laylee, or Free-dim. Sec. Tirrur,

Assize, or Affife, is also used, according to Littleton, for

Assurs, et Affish, is allo of tod, seconding to Littleten, for a Jury. See Jurn.
This, that Anthole (appelds to be by a Munosprine effective to Jury being Go called, because (ammoned by Virtue of the Jury being Go called, because (ammoned by Virtue of Xing the state) and the observed, that the Jury fummoned upon a Wirt of Right, is likensel; called the Affish; but this may be failed to be searcypression, or substrictly to termed. Affish, in this Signification, in divided in magnine, bearware.
Assure is also witch, seconding to Littleton, for an Ordinator or Statute of Affish. See Servarva and Onnarione or Statute of Affish.

NANCE.

has the Care and Overtague of American of the Market.

ASSISOR, the fame with Affelfor. See Assessor.
In Socianal, Affiliers are the fame with our Furers. See

JURON.
ASSISTANCE. See AID.
ASSISTANT, is used for a Person or Officer appointed to attend a principal Officer, for the more regular Discharge of his Function.—Such a Bishop or Pricit had se-

ven or eight Affifants.

Assistant,

ASSISTANTS, are particularly ufed five a kind of Cound-loss or Controllers, added to the Generals or Superiors of Mo-nafteries, de. to take Care of the Affairs of the Community— The General of the Jelius has five Affairs of the Community— perience, chosen by him out of all the Provinces of the Orders and desominated from the Kingdoms or Countries to which they belong, e. gr. Italy, Spain, Germany, France, and Portugal. See General, Jesury, &c.

In the like Senie, most of our Trading Companies have their was of Affiliants. See Company, &c.

Assistants are also those condemned to affil in the Executi-Courts of Allifants.

ASSOCIATE, an Adjunct, Partner, or Member. See Advance, Association, and a Criminal. See Association of a Criminal. See Association of a Criminal See Association of a Criminal See Association of the Latin ad and fociar, Fellow, The Word is compounded of the Latin ad and fociar, Fellow,

ASSOCIATION, ASSOCIATIO, the Act of affociating or forming a Society, or Company. See Associate, Society, Company, &c.

Afficiation is properly a Contract or Trenty of Partnership.

Afficiants is properly a Contract or Treaty of Partnership, whereby two or more Perfocu unter together, either for their untural Millance, or the John carrying on of an Affair, or even instant Affiliance, or the John carrying or of an Affair, or even for the Affinesse; is that made by the Bund of Martimory, Amountations of Indeas, it where two or more ideas, confunction of Indeas, it where two or more ideas, confunction of the Affair, and immediately follow or faceed one another in the Mind, so that one shall almost infallibly produce the other; whether be easy natural Relation between them, or not. See

Where there is a real Affinity or Connection in Ideas, it is the excellency of the Mind, to be able to collect, compare, and range them in Order, in its Enquiries: But where there is none, range them in Order, in its Enquiries: But where there is none, no rang Caule to be allignful for their accompanying cach other, but what is owing to more Accadent or Elabit; this unnatural Afficiation becomes a great Imperfection, and is generally figuiding, a main Caule of Error, or wrong Debuctions in reafon-

ing a mmt Come po sarroy, we complete the good of the good and good and good and the good and good and

the Delty of Combination of Ideas, Mr. Leek flower, are a Such wrong Combination of Ideas, Mr. Leek flower, are a functional to the International Computation between the different Code of Philiophys and Religion. For we transfer all who ledd Teast different from, and formerime contradictory to one another, flored willtaily and knowingly imposit group to themselves, and reliair Turn of time the properties of the properties of the International Code of the I that they always appear there together: These they can no more separate in their Thoughts, than if they were but one Idea, and they operate as if they were so. This gives Sense to Jargon, they operate as if they were fo. This gives Senfe to Jergon, Demonstration to Abfurdities, Consistency to Nonfence, and is the Foundation of the greatest, and almost of all the Errors in the World.

e World.

Association, in Law, is a Patent fent by the King, either Association, in Law, is a Patent fent Party Plaintiff, to the

Association of the Markov and Mar

TION, EXTOMMUSPICATIONS, &C.
ASSON'ANDCE, in Restorick and Poetry, a Term used where the Words of a Phrase, or a Verse, bave the same Sound or Termination, and yet make no proper Rhyme. See RITME.
These are usually visious in English; though the Roman Sometimes asked them with Elegancy: As, Abiliten comparator, Exertitions ordinated, with Elegancy: As, Abiliten comparator, Exercitions ordinated, Admin Suffracion.

The Latin call it finister definent; and the Greeks systemas See HOMOTOTELEUTON.

ASSONANT Represe, is a Term particularly applied to a kind of Verfee common among the Spaniards, where a Refemblance of Sound serves instead of a natural Rhyme. See RHYME.

of Sound ferres intend of a natural Rhyme. See RHYME.

Thus, figure, schierta, tierra, myfa, my andwer each other in a kind of a figurate Rhyme, in regard they have each at n in the penaltimate Sybable, and an oi to the laft.

ASSUMPSIT, in Law, a naked Contract; or a voluntaryPromitie, by Word of Mooth, by which a Main affirms and rakes upon him to perform, and pay any thing to another. See Con-

apon cam to perform, and pay any thing to another. See Con-This Term comprehends any verbal Promise; and is variously expressed by the Civilians, according to the Nature of the Promise; Sometimes, by padium; sometimes by promises, publisharin, or Confignitus. See Pacrum.

Where a Man fells Goods to another, the Law makes the Affampfer; and promises that he shall pay for them.

ASSUMPTION, ARMINITION, a Feath celebrated in the Remiglio Charths, in become of the missiculous Affactor of she Holy Virgin, Body and Soul, into Heaven. See Feast, Virgins,

The Word is compounded of the Latin ad, to, and fine, I

Take.

The first is held with gree Solemnity both in the Eafters and Written Charles. In our the officient of our Lady written Charles are the order of the start of the order of the start of the order of the start of the order order of the order of the

Assumption was also among our Ancestors, used for the Day the Death of any Saint: Dais our amms in Calum also-

Assumption, in Logick, is the Minor, or fecond Propositi-

, in a categorical Syllogism. See Minor, Syllogism, eva.
Assumption is fometimes also used for a Confequence drawe from the Propositions whereof an Argument is composed. See CONSEQUENCE

CONSEQUENCE.

Thus we say, the Premissies are true, but the Assumption is captions. See Parameter, &c.

ASSUMPTIVE Assum, on Perasidry, are such as a Man has a right to assume of humbels, in virue of some Action. See

As, if a Man who is no Gentlemsa of Blood, nor Cost Armour, rakes a Gentlemsan, Lord, or Prince, Prifoner in any lawful War; be becomes institled to bear the Shield of fach Pricoer, and enjoy is to him and his Heur.—The Foundation berefoot, and enjoy it to him and his Heiss.—The Foundation bere-of is that Principle in Miliardy Law, that the Dominion of Things taken in lawful War paffes to the Conqueror. ASSURANCE, in Law. See Saturity. Assurance, or Indurance, in Commerce. See Insu-

RANCE.
Polky of Assurances, is a Contract whereby one or more
Persons oblige themselves to make good any Damages which a
Ship, a Hoads, or the like, may undergo, by Sca. Fire, or
the like Dangers.—The Nature and Laws hereof see under the

the like Dangers.—The Nature and Laws hereor see under the Article of Potture of Affirmate.

We have several Offices of Affirmate from First.—Na, the Sau-Pers Office, the Hands-Hand Far Office; the Phenis Office, Sec. forme for Houses, others for Goods; and form for both. We have allo Affirmate of EARs in Vertex whereoff, when the Very have allo Affirmate of EARs in Vertex whereoff, when the Person in whole Favour the Follow of Affirmate was given. See

NNUITY, O'A Assurance, in Logick. See Centainty, Evidence, De-

ASSUROR, a Merchint, or other Perfon, who affere a Ship.

wen the which which arite from any vice or issues in the uning sy-flowd. See Average.

ASTATI, or ASTATIII, or ASTATIII, a Seel of Hereticks in the ninth Century, the Followers of our Stripts, who renow-ed the Errors of the Manubox. See Manufacts.

They prevail much under the Empreso Ningoloms; but his Succession, Meshad Computaries, cuth'd them with very fevere

The Word is derived from the Greek privative a, and know, to frank firm, and fignifies any thing unfable and incon-

ASTERISK, a Character in form of a finall Star, fet over any Word, or Sentence, to make it the more confrictions, or to refer to the Margin for a Quotation, Explanation, & See Cha-RACTER, NOTE, REFERENCE.

The Word is derived from a Diminutive of the Greek Arig,

ASTERISM, ASTERISMUS, in Aftronomy, the fime with Confiellating. See Constellation.

The Word comes from the Greek heig, Stella, Star. See

STAR

ASTHMA, in Medicine, a Difease of the Lungs, accompa-ed with a Shortness, and Difficulty of Respiration. See Re-

need with a Shortnets, and Difficulty of Refpiration. See Re-SPIRATION and DUNOS.

Dis, Alfhons is a Difficulty of Breathing, ariling from a Discreter of the Lungs; and usually attended with violent Moti-cos of the Disphragm. Abdominal and Intercoftal Muscles, as allo a ratting in the Throat.

The Word is Greek, methon; form'd of the Verb aw, Spire; I

hresh.

If Refigration be only thick and quick, without the other
Symptoms, it is called a Diffuser—If it be to increde as to occafrom a wickert Motion of the Muddles of the Thorax; fo that
the Patient cannot be tokerably edy, except in an ered Peding,
it is called an Orthogonae. See DYSPYMA and ORTHOGOMMA.

The official is usually divided into Asing' and Dry, or Manifol' Niera, sigitates them with forme Vicinese. See Country data of Openio, or Presents and Country for Presents and Country for Presents and Country for Presents and Country for Present Asing the International Country for Present Asing the International Country for Present Asing the International Country for Internation

Sparies on on now mit changes or a minimum committy, into the Musicles of the Breatle, earther by reason of an Oblituchion, or of some other Oblitacle: The notetliny Confequence where of is a violent and painful Reference—The Allbana, again, is either continued, or periodical, and internsitting; which lift returns

chiefly where a fober Regimen is not observed.

The 48tms is tought to be the most violent when the Patient is in

Bed, and in a prone Posture; the Contents of the lower Belly, in that case, bearing against the Diaphrayss, so as to lessen the Capacity of the Breast, and to leave the Lungs less room to move. of the Brentt, and to leave use Lange less from to move.

The Cure of the true or preumonic Afthms, is by bleeding; after which Emeticks may be ufed; and if the Paroxylm returns, Epifpafticks, with Glyfters inftend of Purges.—Infutious of Fim. Equis. or the Juice thereof, being deterfive and attenuating, are ent. Landlar's also contribute to the Cure, Mi

reputed excellent. Lindlar's also contribute to the Cure. Bothle-packs, Spirit of Sum Armonians, with Sal Armonians, Coffey, Tin-cture of Salphars, Sec. are commended in Althonated Cales. For the convultive Kind, the Cure is attempted by Antiqui-lapticin, Anathyltricks, Annifoliosakhis, Opiats, Sec. ASTRAGAL, ARTRAGATUS, in Antonya, Bomo of the Hed,

ADI RAGAL, BATRAGALUS, in Anacomy, a Rone of the Hed, having a convex Head, articulated with the true Reside of the Log, by Ginglyman. See HEEL and Foor. The Affragate call'd Table, and Or Badfor, is the first Bone of the Turfor. See TALUs and TARIUS. Some also epply the Name to the Vertebra of the Neck— Hower, in his Odyfor, after the Term on this Oceation. See Ver-

ASTRAGAL, in Architecture, is a little round Member, in form of a Ring, or Bracelet; ferving as an Ornament on the Tops and at the Bottoms of Columns. See MOULDING, Co-

LUMN, O'c. The Afragal is fometimes also used to separate the Fasia of the Architrave; in which ease it is wrought in Chaplets, or

Beads and Berries,

It is also used both above and below the Lists, adjoining immediately to the Square, or Die of the Pedestal. See Dyz and

The Word is derived from the Greek areasywas, which figni fics the Ankle or Ankle-Bone. fies the Aukle or Ankle Jane.

AFFRAGAT, In Gunnery, is a Kind of Ring or Moulding on a piece of Ordanace, as about half a Foot's Diffusee from the Moult; ferving as an Ornament to the Piece, as the former does to a Column. See Ornaneste, Canoss, etc.

a Column. See ORDNANCE, GANGE, O. ASTRAL, for depending belonging to the Stars, or depending of the Stars. See STAR

The Word comes from the Latin affrom, of the Greek airs, or Sidvial Tiar. See SIDERIAL and YEAR.

ANTRAL, or Storial Taw. See SIDERALA and YEAR.
ASTRINGCHYS, ASTRINGCHYA, and Medicine, binding
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ASTRINGCHY OF THE ASTRINGCHYA ASTRINGCHYA
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All ringests therefore fland opposed to Laxatives. Aftive Purgative, &c.

Hence, Aftingent are of the Class of Strengtheners, or Corroborants; the Nature and Operation whereof, fee under the Ar-

ticle STRENGTHENER Afringents only differ from Styptisks, in Degree of Efficacy. See Styptisks.

The Word is compounded of the Latin ad and firinge, I Among Simples, Mint, red Rofes, Nettles, Saniele, Barba-ries, Quinces, Pomegranates, Sloes, Cinoamon, Blood-fiene, Alum, Chalk, Boles, Coral, Tutty, & are principal Afrin-

ASTROITES, or Let's ASTROITES, in Natural History, a Kind of figured Stone, found in divers Parts, and particularly the North of England See Frouran-Stone.

the North of Bulland See Froutain-State.

The Joint Seem of a very uniform and regular; condifing of fewert that postugonal victor in ever of the seem of the fewer and the postugonal victor in every seem of the fewer and the postugonal victor in the few of the fewer and the fewer a

mount. The protuberant Parts repreferred under the top Joint of the first Figure are not found in all, but only in their which adoppingned.—They are always five in Number. Dr. Lifer calls them Warrs, and compares them to the Automator of Lobstens. "The concreted athong the Naturalitits, to what Species of Bolins the Affrairt, Trukman, Karwick, &c. are to be referred. Some will have term Native Stones, others Kock Flushin, and o-

ASTROLABE, ASTROLABIOM, was originally used for a Syflem or Affemblage of the several Circles of the Sphere, in their
proper Order and Situation with respect to each other. See
Circles and Sphere.

The antient Aftrolaises were the fame with our Armillary Spheres

See Assurtant?
The first and enth coldwared of this Kind was that of Higherdons, which he made as elements, the Capital of Higherdons, which he made as elements, the Capital of Higherdon's Higher the Capital of Higher and Higher
Lindows and Higher the Capital of the Capital of the Capital
Inflaments had forestimated by the behandle health or
therape in Figure, through particulty materia and appeals to the
thorape had been present the capital of the Higher
Lindows and Higher and Higher the Capital
APPROACHES, the capital health of the Higher
APPROACHES, the call amount the Moderator's Plantition

The Capital Capital Capital Higher APPROACHES, the call amount the Moderator's Plantition

The Capital Capital Capital Capital

The Capi

sifform. See PLANISPEREM.—Honce, AFTROLARS, it sign demang the Modern for a Planisflow; or a Strongwala Projection of the Spices upon the Plane of fone of the Plane of the Plane of the Plane of the Strongwala The using Plane of Projections or the of the Association, the Bye being finguished in the Plan of the World; and that of the Plane of the Spiritain, the Bye being legood in the Plane of the Spiritain, the Spiritain of Bright and that of the Plane of the Spiritain, the Spiritain of Bright and the Spiritain of the Spiritain of the Spiritain of Spiritain of the Spiritain of the Spiritain of the Spiritain of Spiritain of the Spiritain of Spiritain of the Spiri

fed for taking the Altitude of the Pole, the Sun, or Stars, at ies. See ALTITUDE.

The Africals represented Task. Navigation, Fig. 22. confifts of a large Brais Ring, about 15 Inches in Diameter, whose Limb, or a covenient Part thereof, is divided into Degrees and Mia sarge crass acting, about 15 justes in Jamester, whole Limits or a covenient Pert thereofy, is divided into Diggress and Minutes; first when it is obtained the day, or Lindow with turns upon the control of the Control is Ringle to harpy to by in time of Observation.

To use the differentiate, turn it for to the Suns, as that the Raymany for freely through both the Sights P and G 5; in which Clairs, the Edge of the Label case the Aktitude in the divided Limits. The differents become configuration to differ, in a facility can be also control in the control of the size of the Label case the Aktitude in the divided Limits.

to any of the other informents used for taking the Altitude at Ser; especially between the Tropicks, when the Sun comes near the Zenith.—There are a great many other uses of the Affrelase; whereof Clauses, Harrison, See, have wrote entire Volumes.

The Word is form'd from the Greek are, Star, and Augustern, The Word is form'd from the Greek #**Pt, Stals, and Ampalem, Gegss, I take — The Arise's cill it, in their a tongue, Allbarials, a Word form'd by Corrupton from the countron Greek Name: Though form of 'en have endeavour'd to give it in Arisik'd Ori-ginal. But the learned are generally fatished that the Arise's ber-rowed both the Name and the Use with instrument from the ginal. were both the realize and the Cie of the internment from the preds.—Nail Reddi Though his a Treatife in the Perfora Lin-tage, enti led, Bait Bab fil Aflarlab, wherein he teaches the Strue-

re and Application of the Affredox.

ASTROLOGY, ASTROLOGIA, the Art of forealling future vents, from the Affredox, Politious, and Indianness of the Headly Bodies. See Appear, INFLUENCE, &c. The Word is compounded of the Grank way, Star, and Anyon

The Word is compounded of the Gravie way, Stars, and Jews, Difficurity, wherece, in the least 3 soile of the Name, Affrikage thousid fignify no more than the Dollrine or Science of the Stars; which we read was in ouignil Acceptation, and rande the ament Africkey; though, in Courle of Tame, an Alteration has a rote; that which the Antience salled Affricky being by us term-orle; that which the Antience salled Affricky being by us term-orle; that which the Antience salled Affricky being by us term-orle; that which the Antience salled Affricky being by us term-orle; that which be divided into two Branches, Natural and Ja-Affricky and the divided into two Branches, Natural and Ja-Africky and Affricky an

Appliedy may be divided one one disentees, noneme and a classic former being for ranking of the middle of the first of the composition of the control of the

forty.

In Franchiston and Merits the Reader may guther from what
we have faid under the Articles, AIR, ATMOSPHERE, WEATHER,
ETHER, FIRE, LIGHT, COMET, PLANET, MAGNETISM,
ETFLUVIA, D.

For this divinity, Mr. Bayle has a just a gooding in his Highery of the Arts—Generation and Common being the Extremes of Motion, and Ratrickfish and College and Consideration and Consideration and Consideration and the Herverly Bother and the Elifarian of the Herverly Bother them immediately countries to the litter, most also have a made Influence on the Formers and confiquently all physical Bodies he sificked thereby. See GENERATIOS, CORRUPTION, REFERENCE, OCONDENSATION, Cr.

'Tis evident, that the Properties of Moifture, Hest, Cold &c. employ'd by Nature to produce the two great Effects of Rarefaction and Condensation almost wholly depend on the Courte, Motion, Position, &c. of the beavenly Bodies—And Contro Morion. Politican, etc. of the berefoly Bolden—shad it is all ociet that every Placet med lines to room peoper Light, addink from that of any ochet; Light not being a line within Quality, but redsed with in speeche. Power: The San, we know, no only films on all the Planen, but by his genil Wearth calls forth, exceeds any single the Morione. Popularity of the Wearth calls forth, exceeds any single the Morione. Popularity of the Wearth Calls forth, and had been also all the plane of the Wearth Calls forth of the Wearth Calls fo Bodies or the paintenty System. Whentey nectoring to the gle the Planets make with that grand Luminary, and the Degree wherein they are enlightened, either by his direct or his oblique Rays; together with their Diffunce and Smattion in respect or Rays; together with their Diffunce and Strainton in respect one Earth; the Powers, Efficits, or TheCurse, proper to each, must be transfinited intherior, and have a greater or left affact of followary Things, "See Med-& Ingerior Soft of Long, See Spaking," or "Josland Arranchouy, which is what we commonly call dyings, jis that which percords to reverted moral Events; i. e. facts as have a Dependence on the Will and Agent the Company of t

ey of Man; as if that were disorted by the Stars.

ACTION. C.C.

The Professes served maintain, "That the Heavens are one
great Volume, or Book wherein God has wrote the History
of the World; and in which every Mm may read his own
Formun, and the Transitions or in History—The Art, Styley,
had res Rife from the fame Hands as Afrewawy intell; Whale
the nature diffusions, whole became unfolded Stur Founded Stur. as bad as Rule from the same Hands as Affressively likely. Whate the auturn Affricase, whole deeme unclouded Sky favour'd their Crelefful Observations, were intent on medica the Pathal and Percods of the beaven'y Bodies; they discover'd a con-tinue fettals Relation or Analogy, between toom and things be-of low; and hence were lost to conclude, their to be the Parts, the solid parts of the Control of the Control of the Control of the Control of the Parts, the Control of the Con Defines, fo much talked of, which prefide at our Births, and difpole of our future Fate. See Parkey Destroy, Fate.

"The Laws therefore of this Relation being afternained by a "The Laws therefore of this Relation being afternained by a series of Obstructions, and the Share each Planet has therein; a by knowing the peecele Time of any Period's Nanivity, whey were enabled from their Knowledge in Aftronomy, to ereck a "Them or Horofcope of the Situacon of the Planets, at that "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and hence, by condicting their Degrees of "Point of Time; and their Degrees of "Point of Ti Power and Influence, and how each was either firengebened or **Power and Innurnec, and now earn was either intergretals of temperd by other, to compare what made he the relials there of See Honoscope, Nativity, House, etc.

Thus the dynastyra-But the chief Province now remaining to the modern Proietlors, is the making of Calendars or Alma-

nocks. See CALENDAR and ALMANACE

Judicial Afrekay is commonly faid to have been invented in Chaldea, and thence transmitted to the Egyptaus, Greeks, and Ro-mons.—Though it is to the Arabi we owe it. At Rosse the People were so infatuated with it, that the Affredgers, or as they were then called, the Mathematicians, maintained their Ground in fright of all the Edichs of the Emperors to expel them out of

engle et al. the Marias of the Response to capel them out of the Cry. See Marias of the Response to capel them out of the Cry. See Marias view introduced and practiced this Art among the Johan, who benchy must ententive the Authenton strong the Tollars, who benchy must enthick such the Authority. They are considered an Oraclest and the Response of the Crystal are the Companies of the Companies of the Companies of the Authority of the Companies of the Open Calarone & Admin, Springer, the Tollar of the Companies of the of the Companies of the Com

of her Consequence of the Conseq

them searchief to year With. If the Chall be king in Disvery it, as it often the Orle's Fland or the Read came in the
and be not immediatel, followed by the rest of the Body's
which Size of the Shru is no decrement for him? The, when
define the search of the Body's which Size of the Shru is no decrement for him? The, when
define the search of the Shru is no decrement for him? The, when
define the search of the Shru is the Shru is the Natives's
and other Time-keepers, faithfuring to the self up for any of the
decrement of the search of the Shru is the Natives's
due to the Womb? And why mont those others be excluded
which predicts which be floyd restanted userly, and floreght
due the predict which be floyd restanted userly, and floreght
and the predicts which he floyd restanted userly, and floreght
and the predicts which who will be the search of the Shru is Are all who were born at the fame Time with the King

ner. Are all who were born as the filme Time with the King, Monarcha² Or are they all even diny are at the Day 2 Visa. Monarcha² Or are they all even diny are the Day 2 Visa. Place 1, here's, no year year your felt: Were all that came into the World with him as wise and wirtcase as he, or all born under your own Surra, Alfredopen like you? If a Man meet Alcober, you will say he was downed to perfit hy a Robbert's and single who will be a surface of the performance of the performa born, faljected liim to the Kobber's Swerd 3 dat they unevase give the Kobber, who prings was born long before, a Power and Inclusion to kill im? For you will allow it as much owing to the Stare that the one kills, as that the other is kill'd. And when a Man is overwhelmed by the fall of a Houle, did the Walls become faulty because the Stare had doorn't him to all the best of the stare that the stare had doorn't him.

one when I will all netwentients by the all or a khoda, when I was a strain of the companion of the companion of the companion of the charge of the companion of the charge of the charg Child, you are not only to look into the Heavens, but into the Parents, into the Fortune which attended the pregnint Mother, and a thousand other Circumstances utterly inaccellible. Mother, and at thousand other Caramilhance unterly insarcellible. "Further, does the Frower than persons of the one-born Institute I alls, fee inlinence, of ay Years, or pertupa a violent internal talls, fee inlinence, of ay Years, or pertupa a violent propertupation of the control of the control of the control of the control of the upon Barth, it may produce facts an orderly. On a six industrial upon Barth, it may produce facts an orderly. On a six industrial upon Barth, it may produce facts and citied? On a six industrial upon Barth, it may produce facts and citied? On a six industrial promises on operations with him, it burtle forth at the appointed Tame, and fallall what the Sura had given it in Charge P. Pertull in the Elevens is cannot; in that opposing immediate-red, the effect concerned with it must be without the control of the cities Concerned with it must be without the conditions of the cities Concerned with it must be without the conditions of the cities Concerned with it must be without the conditions of the cities Concerned with it must be without the conditions of the cities Concerned with the conditions of the conditions of the cities of the cities of the conditions of the cities of the cities of the conditions of the cities of the citi

Perili in the Herwen is cannot; in that depending immediately on a central Configuration of the Start, when that is changing in our control of the property of the former property of the the property of the the property of the the property of the property

es this Day to make you? If you can say whether the King shall lession, brought it thither immediately from Babylou itself; and a wanquish his Ecemies; find out, first, whether he will believe open'd an Afransancol School in the Island of Cos. Play, Lib.

"you,
ASTRONOMY, APTRONOMIA, the Dockrine of the Hesveits, and the Phenomena thereof. See Heavien.

Aftronomy is properly a mird mathematical Science, whereby
we become acquainted with the Cadefull Bolies, their Magnitudes, Motions, Diffances, Periods, Ecliptes, &c. See Mathie-

MATICES.

MATICES.
Some understand the Word Aftensowy in a more extensive Sense; including under it the Theory of the Universe, and the primary Laws of Nature: In which Sense it rather forms a Branch of Phylich than of Mathematick. See Physicis, System, Na-TURE, &v.

The Word is compounded of the Greek away, Star; and square,
Law, Rule.—Care must be taken to diffinguish Affressessy from

Law, Rose.—Let's must be eased to tuningum 2000000 real.

The Heaven may be confidered two Ways; either as they appear to the niked Sende, or as they are discovered by the Underthending: And home Africancy is divided into two Branches, Sphrinkal and Monrical.

Sphrical Astronomy, Sec Spherical Aftronomy.
Thursday Astronomy, Sec Theorical Aftronomy.

The Investigated Appears you been retirefly alliqued; and fives Parkon, such Court Section and Court Section and Court Section and the section of the Form the Accounts given us by the autout Hildrines; it appears that Kings out digitation and Collections of it. Thus, Folio, Kings of Affairst Section, and Court Section of it. Thus, Folio, Kings of Affairst Section, and extend the court of the Affairst Section, and extendity considers as the Person to whom the World once this mobile scheme, the it was I service to the Affairst Section, and approximation of the Affairst Section, and approximation of the Affairst Section and Affairst S

Amounts; to which he was led by the cleatness of the Westners in the Summer Seafon, as m Eggs and Syris, where the Sura are confinally feen, there being no Rain or Clouds to interrupt the Profpect. And the want of this clearonis of Atmosphere the fame Author lays down as the Reafon why the Greeks came to late to the Knowledge of Aftronsmy.

late to the Koowledge of Affreemp.

The geneality of Writers for the Origin of Affreemp and
Affreemp in Chaldra; and accordingly among the Anticess we find
the World Chaldra; and accordingly among the Anticess we find
to attribute the Invention to the antient Heferica; and force,
orn, to the first Mun; building on the Authority of Affreem,
and of what the mentions about Sorth Pillars—The Attailations
active it to Enrich, and other Orientals to Caim—Batthe Copy. affinite in Namis, and other Orientals to Chim—But their Opi-nions appear famely probable to others, in regard they foot in Terms of Mirmany in the Language of those lint People, that is, in the Eulert Language, which, so the contrary, are very fragmenting at this local in July, and the Bords of Solomov, the Contrary of the Contrary of the Contrary of the We don't know whether it is work outong, that Randows, in his Advanta, maintains Alframay to have been inversed by the Sourier His Reading are, they provide just the Language of the Days in the Country which much remardy lead the Coyle Commercia. Canadina with the Calcular, and other Indians,

Extremes: A Conclusion which the Chaldrans, and other Inhabi-

increments. An examination was to an edge in continuous of the six that of the find left between the continuous of the six of the Globe, had not cell, why of coming at. The Searche, add not relatively not except further into the part Depolition by bediens, for collisions of the continuous of the part Depolition of bediens, for collisions with the part Depolition of bediens, for collisions with the the coll prover that the thing might be for By Raphyly Account, Africansy must have been only a very wastern by diseased; there were benegit there, certain Observations, for the Space of 1903 Years, which therefore must have commenced with 11 Year of the Plands of the many three commenced with 11 Year of the Plands of the many three continuous of which 12 Year of the Plands of the P

Rictity.

From the Egyptians, Affrencey is constronly fuppoded to been piled to the Greeks.

Affrence in Construction of the Egyptian of the Construction of t peaus, who taught time toe. Earn and reanets turn round the Sun, which frands immovesble in the Center; that the diurnal Mod-en of the Sun and fix'd Stars, was not real but apparent, anting from the Earth's Motion round its own Axis, &c. See Pytha-

Yet Vitravius reprefents the Introduction of Afranay into Green, formewhat differently; maintaining, tha. Berofus, a Baby-

I. c. 37. adds, that in confideration of his wonderful Products

VII. c. 3.7 adds, that in contactation of his wondertal Products, the Althougher excelled him a Storue in the Gymselow, with a pilled Tongue.—If this Benijar he the fame with the Austron of the Chaleft Hollings, he mith these been before Admandre. After Pphagores, Afterways fank into neglect; most of excellent Observations becoght from Baylon, were folk, and Youz but a very finall Number that Probays, in his Times, was able to retrieve.—However, four few of the Eclowere continued to call-

tivate Afreemy; among whom were Philislans and Aroflarches

At length, those Patrons of Learning, the Ptolonys, Kings of Egypt, founding an Academy for Afternoons, at Alexandria, there arole several enument Aftronomers from the same; particularly Inparcher, who, according to Play, undertook what would have seen a great Work even for a God to atchieve, eig. to number been a great Work even for a Good scheeve, was of namour the Stars, and leave the Heavens as an Inheritance to Potterity. He forecold the Ecliptics both of the Sun and Moon for 600 Years, and on his Oriervations is founded that noble Work or Plating, intilled perplais available. See Catalagour, 620: The Sarazons, on their Languett of Egypt, got a Timchre of Africancy, which they canice with them out of Africa into Spains;

and by this means Aftronswy, after a long Eitle, was at length

and by this ments Africanny, after a long Exite, was at weight introduced after thin to Engage. From this Times, Affirensing began to Improve very confiderably about the greatest Princes—Achievapies, King of Capital, emich di with thoir Tables which till hear his Name. See Tables. Operators rocket, shift the authent Princapierae Systems, And

copyrams re-cits start the autent xythogeness byttem; And Tyde linder public da Catcologue of 770 fixed Stoses, trough las own Oblevations. See Copyramicans, State, &c., Keyler, itom Tythe's Labours, soon after discovered the true Theory of the World; and the physical Laws by which the heavyonly Bodies move. See Plankery, Partico, Garavitations,

Galiles first introduced Telescopes into Aftroway, and by their means discovered the Satellites of Justice; the various Phales of Satures, the Mountains of the Moon, the Spots in the Sun, and

its Revolution about its Axis. See TELLESCOPE, SATELLITE, Iff Kerbanson and its passes of the Moors, MacLink, etc.

Add, that Hevahar, from his own curious Ohiervations, furnished a Caralogue of the first d Sears, much more complete than Tycle's—Hagens and Caffin discovered the Satellaces of Saturn, and his Ring.—And Gaffender, Hayres, Bullathay, Word, Rocalogue, Cafelin, See, each contributed way confidentially to the Im-

..., Sugraga, &c. each contributed very confiderably to the Improvement of Africany. See Saturn, Ring, Elliptic, MicroMitter, &c. The immortal Newsw first demonstrated from physical Con-

fiderations, the great Law that regulates all the heavenly Moti-ons, fets bounds to the Planets Orbs, and determines their greatest-Excursions from the Sun, and their nearest approaches to it.—
"Twas he first taught the World whence arole that constant and **LWSB to first tangent one we one weekee state that volument man regain Proportion observed by both pammay and icconounty Plances, in their Carculation record cour central Budges; and their Dilutiones compared with their Periods—He has given us a new Thorn of the Monon, which accurately salvers all ber Juquan Thorn of the Laws of Gravity and Michies, and accounts for 'em front the Laws of Gravity and Michies, and accounts for 'em front the Laws of Gravity and Michies, and accounts for 'em front the Laws of Gravity and Michies, and accounts for 'em front the Laws of Gravity and Michies and accounts for 'em front the Laws of Gravity and Michies and accounts for 'em front the Laws of Gravity and Michies and accounts for 'em front the Laws of Gravity and Michies and Carculations of the Carculation of th chemin. See Newtonian. See also Attraction, Moon-

Tipes, etc.

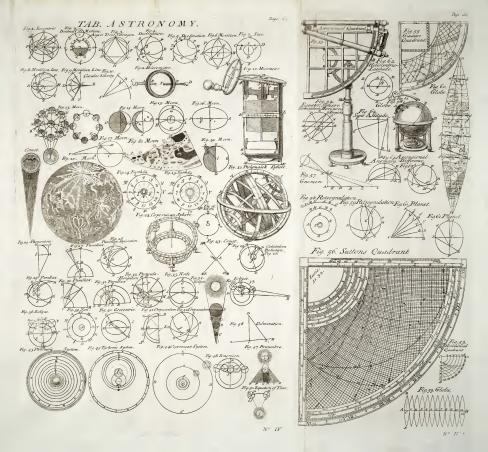
Dr. Haller obliged the World with the Aftronomy of Comets, and with a Catalogue of the Stars in the fourhern Hemisphere; and with a Catalogue of the Stars in the fourhern Hemisphere; and win a valuation of the form in the tourisers it restifiance; one; it which will be a Benefactor to affirmation, by he Observations; it which is may be adode, that he has in the Preti, a new fee of alternomical. I aloke a preferable by many Degrees to any yet published. See Colomy, I hat he did not be a published. See Colomy, I hat he did not be a winter of the Serva, and his asset of each y fears watched the Mustam of the Serva, and his asset of each y fears watched the Mustam.

of the Store, and has given us a great number of curious Older-vations of the Sun, Moon, and Planets; belides a noble Catalogue visions or inf Site, seriou, 2011 FIRETS 3 penders a unice consequent of 3000 field Starray which is more than double the Number in that of Hevelot.—Nothing now feem'd wanting to Affreeness, but an universal and complete. Theory of the cestifities Photomer-nes, explained according to their true Mocions and phylical Caufes, which has been performed by Dr. Gragor. Sec.Cantapteral,

Astronomy is fometimes divided, with respect to its different AFTRONOMY IS formerlines divided, with respect to its different States, into New and Old.—The amenter Affroways is such as the Art stood under Prolony, and his Followers, with all the Appearant of Gold Orbs, Epicycles, Extentantes, Delevents, Treplations, &c. See ProLondata. See also Highten Properties, &c. The unities of Associated Associated and Associated Associated and Associated Associa

A. D. 137; in fin provide Narrods; trinilated in 137, into New Adds and thesees, in 1324, fine Jan. An Epistone of Jan. And Epistone of Jan. And Epistone of Jan. And Epistone of Jan. Depistone of the Pair of th

certain Principles. See Copernican. See also Statem, Sun.



EARTH, PLANET, ORBIT, &v. See also Sphere, Globe,

Learn, Pachter, Oranto. See also Stenans, Giosza.

"The modern difference is delived in copyrating it file both on Californ Hermatisms, published about the Year 1564; wherein, or Californ Hermatisms, published about the Year 1564; wherein, or the Earth, he lid be Foundation of a justice Syllens—See and the Californ Hermatisms of the Metric of Astron. published in 1605; depleted the clips: Though 1998, published in 1605; depleted the clips: Though 1998, published in 1605; the spilled about 1998 and the California of the California of Metric Metric California of the Kepler. The fame was proposed the Year following by the Count of Pages. The Truth is, Kepler himself does not foun to have at Pages. The Truth is Kepler Emirité does not feem to have been quotent étence) jour abure choice of set misées, a sinching book quotent étence) jour abure choice of set misées, a sinching la page de la companyation de la companyation de la companyation la companyation de l

In Kerkhold's consupprises reagains, patentine in a vy 1, we save the leveral Hypothele, of all the Affreeneers, ancient as well as mo-dern.—And in Dr. Gregory's Elements Affreenemy, as founded on the Discoveries of Germany, Keylor, and Sur Jaac Newton.—The Mus-tow of the new Affreenemy as I also land down by Philipse, in his forword the new Affreenemy as I also land down by Philipse, in his

row of the new Afresaws is also lad down by Whillers, in his Prack Yan, Afresawite, in 1707—For Novices in the Art, Mor-ester's Influences Afresawites, published in 1676; which contains the whole Dockney, both according to the Antients and Mo-derni; and Dr. Kill's Introduction of Pract Afresawites, in 1718, which only takes in the Modern, are the best calculated. ASTRONOMICAL, functioning this relates to Afresawite, See ASTRONOMICAL Observations. See CALLESTIAL Observa-

The Afronomical Observations of the Antients, among which those of Happarchus make a principal Figure, are preferred by Professy in his Amages. See ALMAGEST.

In the Year 880, Albarquins, a Surares, applied himself to the In the Year 28th, Albatequinis, a Survenes, applied latticle to the making of Oblevirustions: In 1457, Regionestanus undertook the Province at Normalory, and his Disciples J. Wermernes, and Ber. Windows, consistent the same from 1457 to 1740. Their Observations were published together in 1544—In 1540, Osperinsia, and effer him the Landpayees of High, with his Alfillatus Redimension and Byrgors, foliaroid, and after them Tybe, at Unashong, timen 1528 to 1601—All the Oblevirustions labeliars to rediction 1528 to 1601—All the Oblevirustions labeliars to reduce the support of the Province and Province of the Province Indiana. from 152 to 1601—All the Observations lighten reheards, together with Tybesh Apparatus of Instruments, are constaind in the Highest Gelights, published in 1672, by Order of the Empe-and better constructed Apparatus of Instruments, deferring that and better constructed Apparatus of Instruments, deferring the Instruments the Apparatus of the Instruments of Instruments and the Ma-chane Criffig. began a Courte of Observations. It is objected to that the Instrument of Instruments of Instruments and Courte to take the Advantage of Tecknopic overs; which consistent Da-table to write Animalverforces and Paviolar Historycos, priented Habit to write Animalverforces and Paviolar Historycos, priented in 1674; wherein he defpiles them on account of their functu-racy: But Dr. Haller, who at the Influnce of the Royal Society went over to Danteck in the Year 1679, to infpect his Influ-ments; approved of their Juthefi, as well as of the Observation. ons made with them.

oss mide with them.

Jr. Horses, and Well. Croberes, two of one own Countrymen,
are famous for their Observations from the Yeas 1655 to 1655.

—They were followed by Planferd, Gaphin the Father and Son,
Halley, & Is Hire, Remer, and Kurchus.—See further under the
Article Observatorops, CATALOOUS, Set.

ASTRONOMICAL Tables, ASTRONOMICAL Quadrant, ASTRONOMICAL Telefope, ASTRONOMICAL Calendar ASTRONOMICAL House, ASTRONOMICAL Monte, ASTRONOMICAL Characteri, Scc.

Aftronomical Table
Aftronomical QUADRANT.
Aftronomical TELESCOPE. Soc Afronomical CALENDAR.
Afronomical House
Afronomical Month.
Afronomical YEAR. Line Altranamical YEAR.
Altron. CHARACTERS, &c.

ASTRONOMICAL Place, of a Star or Planet, is its Longitude, or Place in the Ecliptick reckoned from the beginning Aries, is Conferentia, or according to the natural Order of the Signs. See Prince, Longtung. ev. ASTRONOMICALES, a Name used by fome Writers for ASTRONOMICALES, a Name used by fome Writers for

Sexagefimal Fractions; on account of their use in Aftrony Calculations. See SEXAGESIMAL.

ASYLUM, or AZYLUM, a Sanctuary, or Place of Refuge and ASYLUM. Or ANYLUM, SUMCHAY, OF FREE OR REVOKE ANYLUM. FOR PROTECTION, Where a Criminal who finders bimsidely is deem'd inviolable, and not to be touch'd by any Officer of Juffice. See Refrons, Payvillons, dr., The Word Alphas is Latin: Servins derives it from the Greek fields, which is compounded of the privative Particle, s, and makes, the state of the privative Particle, s, and makes, the state of the privative Particle, s, and makes.

Takessi, I draw, because no Person could be taken out of an Assaw without Sacrilege. See Sacrillege.

The first Assaw, were established at Asham, by the Descendents of Heresia, to shelter memidizes from the furyof his Ene-

See HERACLIDES.

The Atars, Statues, and Tombs of Hero's, were, anticatly, the ordinary Retreat of those who found themselves aggrico'd by the ordinary Retreet of those who found themselves aggreed by the Rigour or the Laws, or opperâd by the Violence of Ty-ratur; But of all others, Temples were held the most facred and sixulothic Reduce. It was taggoed that the Gods took upon them to punish the Criminal who thus threw himself upon them; and it had been a great Impacy in Man to take Vengeance out of the Hands of the Immeratis. See Altrans. Tantiffs. TOMB, STATUE, 64

The *Urarlates* had their Gities of Refuge, which were of God's own Appointment; where the Guilty, who had not committed any delicerate Crime, found Safety and Protection.—As to the any delicerate Crime, found Safety and Protection—mas we use Heathens, they allowed Refuge and Impunity, even to the vikelt and most flagrate Offenders, for the lake of peopling their Ca-ties; and it was by this means, and wosh fach Inhabitants, that Thesis, Athens, and Rossy, were first flock?—We even read of Affabras at Lyses and Venue among the amount Gastis; and there are some Cities in Germany winch still preserve the antient right of African

Hence, on the Medsls of feveral antient Cities, particularly in Hence, on the Modils of Reverts enterior Cares, percussing as Syrla, we meet the Inteription, OASTAOL, to which is added, IRPAI. For Influence, TFFOY IRPAS KAI AZMAON MANOGENES IRPAI KAI AZMAOT.— This Quality of Afflican was given them, according to M. Spandeiws, in regard of their Temples, and of the Gods revered by them.

The fame Qualities has also been given to Deities: This Di-ans of Ephrfar is called serbot —Aidd, that the Camp form'd by Romains and Romas, and which 'afterwards' became a City, was first call'd Asiam; and a Temple was therein eroded to the God

Affiliars, Suis deviates,
The Emperors Howeries and Theodyfus greating their Immunities to Church-yards, the Bithops and Monks laid hold of a cersometic Caurch-byson, two thinps and Monist as maner a servi-tum Trial or Teritory, whelsor which top; and the Bounds of the Bounds of the State of the State of the State of the Percentage of the State of the State of the State of the Percentage of the State of the State of the State of the Percentage of the State of the State of the State of the Percentage of the State of the State of the State of the Percentage of the State of the State of the State of the Percentage of the State of the State of the State of the Percentage of the State of the

and an entire Remiffion of the Crime.—The Reason of the Ex-tention was, that they might not be obliged to live altogether in the Churches, &c. where feveral of the Occasions of Life could not be decently done.

60 to decemy done de decemy done de decemy done de la granda del granda de la granda del granda de la granda del granda de la granda reportion. See Symmetry.

In Mathematicks, the Term is particularly nied for what we

more usually call Incommunifications; which is when between two Quantities there is no common Measure: As, between the Side, d Diagonal of a Square.—In Numbers, furd Roots, as 🗸 2, and Designan or a Square—10 Numbers, ford Roots, as $\sqrt{2}$, essential or a southern the first of the state of Numbers. See Incommensuable to rational Numbers. See Incommensuable, Square, Sund, etc.

The World is drived from the privative Particle s, ew, and whyre, q. d. suithest Maghire.

ryes, q. d. without Meafarc.
ASYMPTOTE, in Geometry, a Line which continually ap-

AS EMPLOYE, in Geometry, a Line which continually ap-proaches nearest and nearer to another, yet will never more there-with, though indefinitely prolonged. See Lines. The World is compounded of the privative Particle 4, rw, with, and siles, I fall; q. d. In-nontrident, or which never more.—Some Latin Justice call them Indefine.

Latin Authors call them Istalia.

Bertisus gives us divers for sof Afpoptotes; fome Strait, others Curve; fome Concave, others Convex, etc., and further proposes as infirmment to describe them within—Though, in Brickness, the Term Afpoptotes feems appropriated to right

Lines. Adjustment, then, the properly light Lines, which approach of properties of the displayment, but which, brought they and their Carrey were indicated continuous, would never need. See Crave.

Adjustment by the concerted as Tangents to their Carrey were made to the continuous of the continuous transfers and the continuous transfers and the continuous transfers are also find to be dynamical, when they thus continuously approach, without a politicity of meeting—Thus were the continuous of the continuous transfers and the continuous transfers are continuously approach, without a politicity of meeting—Thus are the first order than the continuous of the continuous transfers and the continuous transfers are also find to the continuous transfers and the continuous transfers are continuous transfers and the continuous transfers are continuous transfers.

totical to one another.

Of Curves of the fectord Kind, that is, the Conick Sections, only the Hyperbols has diffuguestes, which are two in Number. All Curves of the thard Kind haves least one Apparets but they may have three; and all Curves of the fourth Kind may have four diffuguestes. Sec Curves of higher Kind.

The Conchoid, Cliffoid, and Logarithmick Curve, though not reparted Geometrical Curves, have each allo one diffuguestes. See

repard Geometrical Curvey, have each also one dynaphets. Som Michanisca, I maniscensive Analysis of Mynapses will Arrayeror of the Cachada—The Carmon of Mynapses will cached Suppose Mat MA, etc., (Tab. Analysis, Ne. 1), be a Part of a Concloid, C its Pols, and the right Line Bb, 50 draw the Part Cached Cached Cached Cached Cached Cached Suppose Mat May Cached Cached Cached Cached Cached Suppose Mat May Cached Cached Cached Cached Cached The Cached Cached Cached Cached Cached Cached Cached Cached The Cached C an Affineste of the Curve: Because the Perpendicular MI, 6% is findere than MO, and MR than MO, 6% to that the two Lines continually approach; yet the Pointr M, 6% and R, can never coincide, in regard there is fill a Portion of a Line to keep them afunder; which Portion of a Line is infinitely dividible, and confespently muft be diminished infinitely effect become nothings. See Divisimilary, INFINITE, 6%. See also Constitute of the Constitu

Asymptotics of the Hyperbols are thus deferibed.—Suppose a right Line DE (Tab. Counts, Fig. 20-) drawn through the Vertex A of the Hyperbola, parallel to the Ordinates May, and equal to the Conjugate Axes, was, the Part DA, and that AE to the Semi-exis: Then, two right Lines drawn from the Centre C. of the Hyperbols, through the Points D and E; viz. the right Lines CF and CG, are Asymptotes of the Curve. For the Properties of the Asymptotes of a Hyperbols, see Hy-

FERROLLA.
If the Hyperbals GMR, Fig. 12, be of any kind whode Nature with regard to the Curre on the Afgineties, the cuprelled, by clears with regard to the Curre on the Afgineties, be completed, by clears any where Parallel on the Afgineties CS, and the Parallelogram FCOM, he econoperaci. The Parallelogram is to the hyperbolick Space PMGB, commission does the determinent Law to the Complete Comp the common Hyperbols, the Ratio of the foregoing Panileio-gram to that Space is as to 11, that is, the Space is infinitely greater than the Panilelogram, and so canoot be had: And when we ided than a, the Panilelogram will be to the Space, as a nega-tive Number to a positive one, and the faid Space is (quartealle, and the Solid generated by the revolving of the indeterminate Space GMOL about the Association of the Indeterminate Space GMOL about the Association of the Cylinder generated by the Motion of the Parallelogram PCOM about the Axis CO.

Asit C

As, in the Inflance, Veni, Vidi, Vidi, I came, I faw, I conquer'd;

where the Copulative es, and, is omitted.

The Word is derived from the privative s, and success, colligs, Afjudeton Rands opposed to Polyfyndeton. See POLYSYNDE-

ATAMADULET, the first Minister in the Persian Empire. ee MINITERED

See MINISTER, The Associates, or, as Traversier writes it, Athematicalet; and Saufas, Esmadaulet, is much the fame with the Grand Vifice to Tarky; executing that he has not the Command of the Army, which the Vifice has. See Visites.

which the Viller hu. See VEITE.

The Amendment is Great Chancellor of the Kingdon, Prediction of the Amendment of the Amendment of the Amendment of the Chancel of the Chan

of RESCO.

ATARAXY, ATARAXIA, a Term much used by the Sto-icks, to denote that estimates and tranquillary of Mind, and that fritancia of Judgment which sits us free from any Agitations or Empotions affiling from Self-Opinors, and the Knowledge we ima-gine our selves possess of the Stories.

In this Ataraxy, they supposed the sovereign Good to consist. Sec Goo

The Word is purely Greek, compounded of arms and rules, Or-See ATAXS

ATAXY, ATAXIA, a want of Order or Regularity.—The Term is chiefly used in Medicine, where the Order of the Critical Days, or other Phenomena of a Difesse, is inverted. See Critical

The Physicians have frequent recourse to an Ataxy or Irre-gularity of the Spirits, when at a loss to account for any Disorder in the Body. The Spirits, Dr. Drake observes, being always at Hand, are forced to hear the blame of a shouldnot things they are innocent of. See Spirity.

The Word is compounded of the privative #, and value, Or-

ATCHIEVEMENT, in Heralday, the Coat of Arms of any

ATCHIRVEMENT; in Heriday, the Coat of Arms of any perion or Family, duly martifuld with its external Ornaments, as Supporters, Helouts, Wireadb, Crift, and Adata. See CoAT and Annas. See also Suprocurses, Heature, Cri-Such are ufusily hong out on the Fronts of House after the Death of form confiderable Perion; and we now corruptly call-

of Hardwards.
The Word is form'd of the French, Adversards, finishing, Configuration, Perfections
The Word is Proceedings of the Proceedings of th

to the Satyra among the Greek. See Satyra, Fable, Sr.

They were this called from Atella, or Attella, a City of Inf-

y, where they were first represented

sony, where they were fift reperfured. They became for licenstous and simposition, that the Senate was at length obliged to imprecia them. See Senate, and THANNSIAM, Owned. See County of the Section of the THANNSIAM, an Order of Soldiers among the authent Profession—The Word of cinguilly forced, and disputals insurantly, being compounded of the privative, a and fewers, Death of the County of

fand Men, always complete, because, when any one of 'em di-ed, another was immediately put into his Place.—It was for this Reafon that they were call'd Athanati, or insportales.

ATHANOR, in Chymiftry, a large immoveable Furnace, bailt of Brick or Earth, and cover'd with a Tower a-top; pro-per to maintain a temperate and equable Degree of Heat for a confiderable time. See FURNACE, HEAT, &r.

The Heat of the Athanov is intended or remitted by opening or flutting a Register. See REGISTER.

It is made to communicate its Heat by Tubes or Apertures at the Side of the Hearth or Fire-Place, to feveral adjacent Velicles; by which means different Operations are carry'd on at the fame time.—We meet with divers Forms and Contractions of this Furnace, in the Writers of Chymfitry.

The Athanov is also call'd Pager Howissa, flow Harry; because chiefly used in the flower Operation; and because when once

chiefly used in the flower Operation; and because when once filled with Calas, it keeps burning a long time; wheneve the Gress's call it messive, of driving we results, at it close need to be continually attended—it is allo cliff the PhilipSphale Researce, or Fer-nete of driving; and popularity, the Tower Ferness. The Word Abhamer is berrowed from the Arisis, who cill an Oven, Tameress from the Hiftens "121", Tamester, and Oven, or Fernesse; whence, with the additional Particle 4s. "121778, Al-

mower, &cc.-Others chufe to derive the Name from the Greek Immortal; because of its damble Fire. ATHEIST, ATHEUS, a Perfor who denies the Delty; who does not believe the Exitlence of a God, nor a Providence; and who has no Religion, true nor falle. See God, Providence;

DENCE, RELIGI In general, a Man is field to be an Atheift who owns no Being fuperfor to Nature, that is, to Men and the other sensible Beings in the World. See NATURE.

In this Senfe, Spinsyla may be faid to bean Atheiff; and it is an impropriety to rank him, as the learned commonly do, among Delfe; fince he allows of no other God belide Nature, of which

Dejors; unce ne anomo or no other con tentoe isstatie, e, winch distriktion makes a Part; and there is no after fill but allows of the Exittence of the World, and or his own in particular. See Structure, SUBLINESS, Cr.

Plate diffigualities three kinds of Abright.—Some, who dearly allofaberly that there are any Gods; others who allow the Exittence anotabety that there are any Gods; others who allow the Knillence of Gods, but maintain that they don't concern themselves with human Affairs, and so deny a Providence; and others, who the likeve there are Gods, but thisk they are cally appeared with a little Parves, or the like; and that they remit the greatest Crimes for the finallest Supplication. See ExecuteAn, 6%.

The World Ashay is desired from the privative a, and Oslo.

ATHENÆA, a Feaft of the antient Greeks, held in Honour Mostrus, who was call'd 'Aféra. See Frast. These were alterwards call'd Panatheness. See Panathe-

N.S.A.
ATHENÆUM, in Antiquity, a publick Place wherein the
Profeffors of the liberal Arm held their Affemblies, the Rheto-

riching declaimed, and the Poets rehearfed their Verfes. The The Athensa were built in form of Amphitheatres; and were also incompassed with Seass, which Sastanar calls Caust. See Am-PRITHEATRE.

PRITHEMATRIE.

The two moult elebrated Athenses were that of Roses, and that at Lesses; the former of which, according to Annius Haller.

The Word is Greek, and is derived from Athen, according to The Word is Greek, and is derived from Athen, and the Athenses were beld; or from the Creek Name of Pallon, 1446s, Golden of Science; intimating the Athenses was a Place conferenced to Pallon, or see a-part ther Athenación was a Prace consecrates to realian, or set a par-for the Exercités over which the prédets. ATHEROMA, in Medicine, a Kind of a Tunmeur or Swell-ing, of a pappy Confifence, without pain, or discolucing the Skin. See Tumora.

Skin. See TUMOR.

The Atheroma is contain'd in a Cyftis or membranous Bag; and does not give way when touched with the Finger, nor retains any dent after profilere The Atternous is thus call'd from the Greek https:// Kind of Pap or Pulp which the Matter of this Tumour refembles.—It is near a-kin to the Meliceris and Steatowa; and cured like them.

See MELICERIS and STEATOMA See MELKERERS and STRATOMA.
ATHLETA, it admissibly a Wretiler, or a strong courage-our Person, who employs himself in Exercises of the Body, as a mentage, wretilings, and other the like Gymnic Sports, for which the Antoens had established Frizzs. See Exercise and Gyaster. See also GAMES, Carctos, 64:

ANTON See fill GOAMES, CARCOS, 64:

reader therefore the more vigorous and roboth. See Abstraversion:

The Word comes from the Greek atheris, of athir, certo, pog-

30, I contend, I fight. See Combat, Gladiator, &c. ATIA. See Odio and Atia.

ATLANTIS, or ATLANTICA, in Antiquity, an Illand fpoke of by Plate and other Writers, under fome extraordinary Circum-fiances; and render'd farmous by a Controverfy among the Mo-

derns about it.

The mode distinct Account of this celebrated Face, is given at In Flor's Theore, and Counter, which mouran, in few World, and In Flor's Theore, and Counter, which mouran, in few World, which was a ping fliated in the World, and the World of the World o

"ter; and for a long. Time a streamth, the Sen thereabours was full of Flata and delives.

The learned Robbits, Profifer in the University of Upfal, in an expectal French insteal, Advantage Mandason, suttentian, way throusoully, thus Flata, Advanta is Souther; and strubtuse was the Company of the Company

Others will have America to be the Atlantis; and hence infer, that the new World was not unknown to the Antients: But what Plate fays, does by no means quadrate thereto.—America should rather feem to be the vast Continent beyond the Atlanta,

incute rather feem to the the vast Continent beyond the attaints, and the other Hilards mentioned by Plats.

Because, in his Hilbert of Hilards, Cip. 5. advances a much more probable Optione that that of Rashwetz—The Atlants, according to him, was a large Hand exceeded from the Caustris to the America of the Hilards are the Remains thereof one field-

lowed up by the Sea.

lowed up in the East.

The Allumir took in Name from Allas, Naptane's chieft Soo, who facecold his Father in the Government thereof. ATLAS VIDES, saming the Pows. See Wassilla.

ATLAS VIDES, saming the Pows. See Wassilla.

ATLAS VIDES, saming the Pows. See Wassilla.

The ATLAS VIDES, saming the Pows. See Wassilla.

The Half-Spirits of Mrd., for most soft little of Children, or Half-Spirits of Mrd., for most soft little of Children, or Half-Spirits of Mrd., for most soft little of Architecture, as a bideous, or the like. See COLUMN, dv.

These are cocketured call Visions. See Talaston.

These are cocketured call Visions.

See Talaston.

Architecture of the Mrd. See Vision the Head. See Vision and Mrd.

Nov. Select Spirits the Head. See Vision and Allows.

It is to call'd in allution to the celebrated Mountain Atlan, in

Africa, which is so high, that it feems to bear the Heavens; and to the Fable, in which, Atlas, the King of this Country is faid to bear the Heavens on bis Shoulders.

to bear the Freevens on his Shoulders!

The drilar has on fajny hyperify; because the Motions of the Houlder't turn on this Freedwar, but on the second. As it is obliged to turn shour as often as the Head moves round, had been been any fainy Apolyfic, it wends have incommoded the Motion of the Maricks in the Extension of the Head—It is also motion of the Maricks in the Extension of the Head—It is also motion of the Maricks in the Strengton of the Head—It is also motion of the Maricks in the Strengton of the Head—It is also motion of the Maricks in the Strengton of the Head—It is also motion of the Maricks in the Strengton of the Head—It is also motion of the Maricks in the Strengton of the Head—It is also motion of t

of a finer and firmer Texture than the other Vertebra; and it dif-fers further from them in that those receive at one End, and are feet larther from them in that mote receive at one End, and are received at the other, whereas this receives at both Extremes; for two Eminences of the Occious are inferred within its two upper Cavities, which makes its Articultum with the Head; and at the fame time, two other Eminences of the Good Forther are received within its two lower Cavities, by means of which these as articular prosofties.

ey are articulated together.

ATLAS is also a Title given to Books of universal Geography. ATLAS IS BIO & LIKE given to Books of universal Geography, containing Magoo of the known Parts of the World; as if they were view'd from the Top of that celebrated Mountain, which the Antenta Gelermad the highest in the World; or rather on Account of their holding the whole World like Atlas. We have all of Atlas's of particular Patro, Sea Atlas's, Sec.— The first Work under this Denomination was the Great Atlas of Release.

ATMOSPHERE, ATMOSPHERA, an Appendage of our Earth; confifting of a thin, fluid, clattic Substance, call'd Any, furrounding the Terraqueous Globe, to a confiderable Heighth.

By Assosphere is usually understood the whole Mass. or A

By Amajobre is study understood the whole Media or Attam-bage of ambient Art. Though, among the more accurate Wit-ton. the Amajobre is rethread to that Part of the Air next the Last, which receive Vaporum and Enthemoria; and it stremmer, the according to the Air Company of the Air Company. The further or higher Space, the Air Company of the Air Compan

Chymica venet, wherein the paster of an the André of mon-nary Bodies is copieutly floating; and thus exposed to the con-tunal Action of that immente Furnace the Sun; whence innu-merable Operations, Sublimations, Separaticas. Compositions, Digelions, Fermentations, Patterfictions, etc. See Carymis-

For the Nature, Conflitation, Properties, Ufes, Diversities, &cc. of the ATMOSPHERE, for the Article AIR.

We have a large Apparatus of Infruments, contrived for in

We have a mage rapparator or interminents contributed or in-dicating and measuring the Sente and Alterations of the Associ-phere; us, Baronsters, Thermometers, Higgsmeters, Manuscries, Associates, Sec. see each under its proper Article, Baronse.

Amountum, Rec. Re each under ist project Article Banousters. Transcassisters, Branoustersing, Ce Venniter of Bedies; and this Bocomes the great Spring of media from the Mentagles and this Bocomes the great Spring of met of the Mentagles here below; as Generation, Consurvation, Disfiduation, der. See Gistracturos, Gonzertroso, Branousterson, Sec. See Gistracturos, Consurvation, Discourtroso, &c. See Gistracturoso, Consurvation, Discourtroso, &c. See Gistracturoso, Ferein Medicas artifacted by the Articlastic Springer, that the feveral Medicas artifacted by the Articlastic Springer, and the Sec. Ferein Medicas artifacted by the Articlastic Springer, and Sec. Ferein Medicas artifacted by the Articlastic Springer, and Sec. Ferein Medicas artifacted by the Articlastic Springer, and Sec. Ferein Medicas artifacted by the Articlastic Springer, and Sec. Ferein Medicas articlastic Springer, an

Wight of the Atmosphere.

Organical Bodies are peculiarly affected by this Preffare: To this Plants owe their Vegetanos; and Animals their Refigitation, Crealation, Nutrition, &c., See Plant, Animal, Vegeta-Tation, Circulation, &c. To this also we owe several confiderable Alterations in the

imal Occonomy, with regard to Health, Lite, Dueste, &c. See HEALTH, &c.
And hence, a Calculus of the precise Quantity of this Preffure,

And hence a Calculur of the precise Quantity of this Pretium-coccus a Few newthy of Amenium. On the Pretium-coccus a Few newthy of Amenium of the Pretium-soff of the Pretium of the Pretium of the Pretium of the angiliary, and the Weight new further in capal to a Qvinture of a Qvinture or of the Height of the Amajiliary, is equal to a Qvinture of Mercury, as Inches high, a superast toom to Co-riodium for Mercury, as Inches high, a superast toom to Co-riodium for Mercury, as Inches high, a superast toom to Co-rodium for Mercury, as Inches high, a superast toom to Co-rodium for Mercury, as Inches high, a superast toom to Co-rodium for Mercury, as Inches high as the present of the superast to the Company of the Company of the Company of the control of the Company of the C

atemá in Junque, Spipun, d'o. Se l'Oninectalus. See aign' Design Strain de l'Oninectalus. Se aign' Design Strain de Superinties of Element (1800m. date every Foot fiquer of the Superinties of Element (1800m.) de l'onine de l'onine

The Difference of the Weight of the Air which our Boxes fulfilm at once time more than at another, is also very great.—The whole Weight of Air which preffes upon our Bodies when the Mercary is highert to the Burometer, is equal to 39900 Dounds. Whence, the Difference between the greatest and the leaft prefine of Air upon our Bodies, may be provid to be equal to 3982 Pounds.

The Difference of the Ar's Weight, at different times, is unstained by the different Height to wheth the Mercury is traited in the Bennetter, and the primed Visations of the Indige of the Mercury beat White of the Jacob and the Mercury beat White of the Jacob and the Jacob and the Height of the Mercury of the finner Balls, and of the Allender of these Indige of Mercury of the finner Balls, and of the Allender of these Indige of Mercury of the finner and the Mercury when the Allender of the Order of the Mercury of the Indige of Indig

Foot, or, which is all one, 1728 cubical Inches, fo is 59 Drams, to one cubical Inch. So that a cubical Inch of Merary being very rost => 9 Drams; and there being 144 Equattinches in a Foot Equate, therefore a Wals of Mercury of a Foot
fapare, == 144 figare Inches; and if there Inches high, mail
contain 432 cubical Inches of Mercury, which x yay (the Number of Drams in a cubical facth of Mercury) makes 4548 for
Drams—And this Weight does a Foot figure of the Sartices of

our Bodies, fuftaio at one time more than at and Suppose again, the Superficies of a human Body =15 Foot fequare; then would the Body fustain at one time more than at

another, a Weight = 15 x 2548 = 382320 Drams (= 47790 Onnces) = 2982 4 Pound Tree

Oances) = 398 § Poand Try. Hence, it is for firom being a wonder that we fametines fuffer in our Health, by a change of Westber; that it is the greatelt, we don't always do fo.—For when we consider that our Bodies are fometimes preffed upon by near a Tan and a half Weight more than at other, and that this Variation is often very fluidous; it is furgraining that every facth Change does not instruly

fuidon; via furrithing that every fach Change does not intirely break the Frame of our Bodies to pieces. In effect, the Veficia of our Bodies being fo much firstitted by an increated Perfillar, would finguate the Rood up to the very Hent, and the Circulation would quite costs; if Nature had not wilely contrivit, that when the Refultance to the circulating Blood is greated, the Impetus, by which the Heart contracts. Blood is greated, the Impetus, by which the Heart contracts, finculad be for con-Fors, upon an increase of the Weight of the Air, the Langs will be more forcibly expanded, and thereby the Blood more infinitately broken and divided, for that it becomes fixer for the more fluid Secretions. Such as that of the exercus Fluid; by which the Heart will be more flrougly contracted. And the Blood's Motion towards the Surface of the Body being obstructed, it will pass in greater quantity to the Brain, where the Preffure of the Air is taken off by the Craniam : up-

bong contenents, it will point in greater quentity to the Britis, where the Preficion of the Als is action of the Cartain; and where the Preficion of the Als is action of the Cartain; a through all guilded. Carda, whatle fore content, towards to Steme changed all guilded. Carda, whatle fore content, towards to Steme The most considerable Alternoon made in the Bood, appearing the Aley agener or elicit Preficien on the Steme of our Diodes, is in sensing the Blood more or list compact, and making it fell for cortex of the Bood, always keeps it felf in Bogilitein with the external Are that profits upon our Boods of the Cartain of th

The Reafen we are not feetfable of this Preffare, is well ex-planed by Bervlin. Do not, and Adver. Inc. pp. 209, 20°c, or property of the property of the property of the property of credible by my means of being personation of preeful, not expended where and Bervlin that Waster constands in a Bladder com-prelled equally on all Bladder, according to give may in any Part-Hey percects. "In like manner, within the Blist of an Alexand of the Manner of the Property of the Property of the Pro-viole and Muddle, Norvey, Membrane, 9°c, other flags, as "office an Muddle, Norvey, Membrane, 9°c, other flags, as sic contained a dverney or rares, notice sard, anomes; others foot, as Mulcles, Nerves, Membranes, &c. cohers flaid, as Blood, Fat, &c. Now 'tis not possible the Bones should be broke or displaced in the Body, unless the Weight lay heavier beside or differend in the Bedy, midds the Weight lay beavier on one Part than mother, as we formerine See in Potentia. If the Parliam be fibridivided, fo that it lay couldy altround, upwasts, dommunics, and tideways, and one Part of the Sin is exempt therefores, it is evidently impedible any Parliam Mudicis and Nevreys wheths, though forty the singular middle and province of the parliam of th Concensions, so the Actions Fluinouse contained as ther Vel-felt may differ an Attribut from an impallic made in one or more particular Places; but can never be forced out of their Velifiel by an antiverial Comprelion—Ir Golowe, that as none of the Parts undergo either Separations Luxation, Containes, or any other Change of Standards, "is impossible any Sende of Pain

" should ensire, which can only be the effect of a Solution of Cont
" nuity." This is confirmed by what we see in Divers, etc. So DIVING.

The fame is farther confirmed by Mr. Bayle; who including a young Frog in a Veffel half full of Water, and intruding is much Air as that the Water mush fultain eight times the Weight it officewide would; yet the Animalcule, notwithflanding the great tendements of its Skin, did not seem to be at all affected

For the Efficie of the Removal of the Proffere of the Atmob phere, See Aux-Passy. For the Caufe of the Pariations in the Weight and Proffere of the Atmosphere, See Barometer.

Height of the ATMOSPHERE.

The Height of the Association is a Point about which the modern Naturalitis have been very foliocious.—Had not the the modern Naturalités have been very folicitous.—Had not the Ari an elatife Power, but were every where of the fame Denfi-ty, from the Surface of the Earth to the extreme Limit of the Atmosphere, like Water, which is equally Denfe at all Depthy it being above observed that the Weight of the Column of Air is being show otherwel that the Weight of the Column of Africanching to the Top could not the Weight on exacting to the Top could not the Weight of the Africanching to the Top could not the Weight Berwick being known between equal balls of Africanching the Africanching the Top could not be the Top cou

ayono Fox, or litch nice than live English Milas high. See TORARELLANS. Health Property, being lishle to expend and the third property of the little for the property of the little for little for

conferencing due to training or the summer of w. w. aways am conferencing due to training of the subset of the sub al Arithmetical Proportion; its Dentity will be diminished, or which amounts to the fame, its Gravity increased, so custings

which amount so the clause. In Grissy increasing, an extrainant Commental Proposition II is easy by making two or three Barrons-Front food a Series in it is offly by making two or three Barrons-Heights, though the Barryn size, in a troop of enter different conference of the Barrons-Heights of the whole the adjustment of the Barrons-Heights of the Barrons-Incomment of the Barr

to be, according to this Proportion.

to be according to this Proportion.

Sulpedings, therefores, the judities of the Experiments, the Royal Reademy made divers others, under great Dilacations of Asi, fix exceeding the Rarnise found on the Toro, of the Monatulin, the Refait whereof was, that they all exactly answered the Proportion of the innumbers Weights. Whence it fishold follow, that the higher Air about the Tops of Mountains, is of a different Nature, and observes and effected Law from their near different Nature, and observes and effected Law form that near the superior of the super the Earth

the Earth. The Resson beroof may be owing to the great Quantity of gress Vapons and Exhibitions there, more than there; which Vapons then glief eillie and not expalled of 6 much Rarchidton as the part Air above: The Rarchidton os the part Air increase in the Paracontonion in a different Manage is alledging. Into the elitheration of the Paracontonion in a different Manage is alledging.

this Power of Air is increased by the admixture of Humidity therewish; and confequently, that the Air near the Tops of Monomian, being modeler than the below becomes thereby more Elalike, and rathies in a genetic Ratio than autorally and in a stime there would—take Dr. Jowin them, the the Experi-cial Course in would—take Dr. Jowin them, the the Experi-cial Course is would—take Dr. Jowin them, are by no means con-cluding. The Course of the Course of the Course Monomial Course Research of the Course of the Course Monomial Course of the Research of the Course of the Course of the Course Monomial Course Research of the Course of the Course

clufive. Append. ad Varue, Gargapais.

Be this as it will, the Rarities of the Air at different Heights
proving not to bear any conflued Proportion to the Weights
whereasth they are prefield; Experiments made with Berometers
at the Rest and Tops of Monntains, easons give the Height of
the Atmosphere, time our Observations are all much entry the
Earth; whereas the greater Part of the Atmosphere is in beyond; a
de the father form us. the father deposit in two proceeds from Earth; whereas the greater Part of the Atmosphere is the beyond; and the farther from us, the farther does it keem to recede from the Nature and Laws of ours.—M. de la Har, therefore, after Replet, has recourst to a more timple and ferure Way of after training the Height of the Atmosphere; viz. from the confidential of the Atmosphere; viz. fr

on of the Crepulcula

con of the Corpelani.

"The allowed by Althonomers, that when the Sain is 370 because the Hardson, we legit no create to fee the Turilipher. Now the control of the Sain is 1870 because the Hardson, we legit no create to fee the Turilipher. Now the core of Turilipher to Health in the Piazu collection of the Hardson of th than 18°, And contrarily.—Hence we gather, that the largeness of the Arch by which the Sun is depress'd when the largerich of the Arch by which the Sun is depended when the Cereptoclaum begins or ends, determines the Height of the Ar-mylders. We are to note however, that 32 Minutes until the districted from the Arch of 13% for the Refishion, which railies the Sun is much higher than he word be; and 16" more for the Height of the upper Limb of the Sun, which is farpoided to find the Ray, above his Centre, which is farpoided to be 18 Minutes of the Centre, which is farpoided to be 18 Minutes of the Centre of the

to find the Rey, above his Centre, which is imposed to be 18" low. The remaining Arch therefore, which determines the Height of the Atmosphere, is only 17° 12'. Two Rays, one directly and the other reflected, but both Tan-genis to the Earth, mind necessarily meet in the Atmosphere, at the Date of Data Otto.

gons to the larth, smill receivally most in the Assinghor, at the Poince of Rectification, and comprished in other between or of 17 larth whenever they are Tangorta.—Hence is follow from of 17 larth whenever they are Tangorta.—Hence is follow from of 17 larth whenever they are Tangorta.—Hence is follow from one of 12 larth whenever the the things of 18 larth whenever the contraction of the Earth, which categories the class of the Earth, which contract of the Earth, which carried of the Earth whenever the Bernarden of the Earth, which carried the Earth whenever the Earth whenev

who only rejected it. because it gave the Height of the dissaf-phore an time generate than he otherwise allowed it. It must be added, that in this Calculus, the clirch and reflect-ced Rays are fappoided to be right. Lines; whereas in fact they are Curren, formed by the perpectual Refusition the Rays undergo in preding through a Series of different Densities of Air—Compreuing through a series or emercica Denitries or nare—com-posing, chen, upon them as two imitals Correct, or rather as a ingle Curve, one extreme whereof is a Tangent to the Earth: In Vertex equally distant from both Extremes, determines the Height of the Anaphylers; which therefore, will be found formerly the control of the Corner Cale; the Point of Concur-tors of the Concurrence of the Concurrence of the Concurform-what tower chan in the former Cake; the Point of Concur-sence of two right Lines, which are here only Tangents to the Carre, the one at one end, and the other at the other; being higher than the Vertex of the Curve. On this footing, M. & In Elter final the Atmoffeer 33/62 Enhours, or 16 Leagues, 18th, de l. Atad. Ray, der Scient. An. 1713. See the Aracles REFRACTION, CREPUSCULUM. &v.

ATMOSPHERES of the Heavenly Bodies.

Lunar Atmosphere.—That the Moon is farrounded, like the Earth, with a changeable Atmosphere, fee evaced under the Article Moon.

The Reality of the Atmospheres of the other Planets, see also un der the Article Planer.

For the ATTACKPHIRES of Counts, and the Saw, fee COMET and SUM-See also MACULES, TAIL, &c., ATMOSPHERE of fide, or conflored Backer, is a kind of Sphere found by the Effluvia, or minute Corporates emitted from them. See Sphere and Epp. 1994.

See Symerae and EFFLUVIA.

Mr. Boyle nederwours to them that all Bodies, even the hardeft and most coherens, as Gents, Gv. have their Atmospherers. See GEM—See also MAGNET, MAGNETSM, Gv. ATOM, ATOMAS in Philosophys a Carpasiles; or a Part or Particle of Matter to minute as to be individuale. See Corporation of the Company of the Compa

PUSCLE.

The Word is Greek, \$\$\times\$ form'd of the privative \$\$, and

Atoms are properly the nationes Natura, the last or ulcimite Particles into which Bodies are divisible; and are conceived as the first Radiments, or component Parts of all pythola Magnite, or the pre-critient and incorruptible Matter whereof Bodies were formed. See Partyrica, Bodies were formed. See Partyrica, Bodies, etc. Sec PARTICLE, BODY, &

formed. See PARYTEES, BODY, 64%.
The Notion of Atmos arises bence, that Matter is not divisible, in infairium. See DYMETHLETY.
And hance many Authors are led to deny the resility of Atoms, together with that of Mathematical Pecitis: An Atmos, fly they, either has Party, of his more: if it have ones, it is a more Mathematical Point; If it have ones, it is a more disables, and for a Ledgine Confession of the Atomic Acceptation. of others, and so to Infinity. See Continuery, &c.

of others, and for loftings. See Convisioning of disease, But this is to recede from the generine Character of Atmos, which are not efformed indivitible, because of their want of Rigneds, or Paris, for all physical Magnitude must have three Dimensions, Length, Breacht, and Trackness; and all Extending Health and the process of their Self-disease, but they are individuely on account or their Self-disease, but they are individuely on which preclude all Divisions, and leave no Variney for the European Section 1998. As dress are the first Master, 'its necessary they should be in-

As Januar see the first Metters, 'this necessity they flowed be in-distributed, in order to the being incomputed—wife Januar Neu-na selds, than 'this is nequired they be immunible, on order to the World's containing in the fame Surv. and Bodin being of the World's containing in the fame Surv. and Bodin being on Hone the Arrivers were all the Bodin Surveys, external, from the Arrivers were all the Bodin Surveys, and the Contract of the Arrivers were all the Contract Surveys. They also deded Growny, and in Continguence Chercel, Medi-na, to their Arrivers: And further, othering that Arrivers than falling approaches they were the Surveys and the Contract of the C certain hooked Parts, in order to enable them to each and hang the better together.—And from a cafual or formitous Jumble of the better together.—And from a causal or fortuneous Junnae or the lamous Alessy, they inpoofed the whole Universe to be formed. See GRANTY, MOTTINS, HAMOUS, de-ATOMICAL Publishes, the Doctine of Ansar; or a Method of accounting for the Origin and Formation of all things, from the Committee of the Annae of the Committee of the

It has been fince retrieved by Gassiudes, and others; and is now esponsed and adhered to by a great Part of the philosophi-cal World, under the Denomination of the Corpasialar Philoso-phy. See Confuscionan Philosophy.

ρ), Sec Corfuscular Philipphy.
ATONEMENT: See Propertation, Sacripice, φ.c.
ATONY, Aronna in Medicine, φ.c. 2 want of Tone or ATONY, Aronna in Medicine, φ.c. 2 want of Tone or enfinency or a Relaxation of the Solids of a buman Body; occasioning a lost of Strength, Paintings, φ.c. Sec Tone, Solin, Finel, Relaxation, φ.c. The Word is compounded of the privative a, and visw, tends,

ATRABILIS, in the antient Medicine, black or adoft Bile. Attabilis was one of the great Humours of the antient Physicians; whence arose the Attability, one of their Temperaments; answering to what we call Melanchally. See Flumour, TEMPE-

MELANCHOLLY, CY. RAMENTS PURE ACCOUNTS OF THE A TROPHY, ATROPHY, ATROPHY, ATROPHY, an Indifferential or Differed, wherein the Body or forme of its Parts, do not receive the necessary Nutriment, but dwindles or waftes infentibly. See Nu-

TRITION TRITION.
Such are what we commonly call Confunctions, Flethifes, &cc.
Sec Consumptions, Privature, &c.
An Astrophy is natural in old Age, call'd Astrophia Senils. See
OLD AGE, DEATH, &c.

The Word is compounded of the privative Particle a, and reiow. I feed, neuriff

ATTACHING, or ATTACHMENT, in Law, the taking or apprehending a Person or Thing by Commandment or Writ. See COMMANDMENT and WRIT.

COMMANDMENT and WEST.

The Word is form'd of the French Attacher, to fallen, tye; and that from the corrupt Latin Attachiars, of Attexers, to weave to; or rather from the Cellie Tach, a Nad, and tacha, to neil.

and that from the contrage name and section to mill, or reflect from the Collect Tasks, Nall, and nadals, to mill, or reflect from the Collect Tasks, Nall, and nadals, to mill, or reflect from the Collect Tasks, Nall, and nadals, the name of the Collect Tasks, the Collect Tasks, the Collect Tasks, the name of the Collect Tasks, the Collect Tasks, the Collect Tasks, and precious him in Collect tasks the Collect Tasks and the Colle

as use time attacher scepe the Farty attaches, and presents into my COURT at the Dys alligned in the Attacheses. On the time to this further Difference, that an Arrell lies only upon The Body of a Man; at almost Attachesest founttimes to his Goods too; for a Man may be attached by an hundred Shorty. Arracultustry, by Writ, diffuse from a Different in this, that an

Attachment does not reach Lands, as a Diffress does; and that :

X x

Diffres

Diffress does not touch the Body, which an Attachment does Yet the two are frequently confounded together.

In the most common Use, an Assacrant is an Apprehension

In the must common (Us), an Attackwal is an Apprehention of a Man by bis Body, to bridge bim to ansieve the Ackino of the Plaintiff.—A Differs with a Writ, is the taking of a Man 3 a Differs without a Writ, is the taking of a Man 3 Goods for fome real Caufe, as Rent, Service, ebc. See Drawarss.

ATTACHMENT out of the Chancey, is had of courfe, upon an Affidication under that the Defendant was ferred with a Sulpons.

and appears not; or iffiseth upon not performing forme Order of Decree. See Changery.

After the Return of this Attachment by the Sheriff, and now of Inventus in Ballina fua; another Attachment, with Proclama-

of Internation Bullivan Jun; another Attachment, with Proclama-tons, illians: And if he appear not intercepting, a Wirt of Rebel-lion. See Resultations, Or. ATTACHMENT of the Forth, is one of the three Coarts held in the Forest. See Forest. The lowest Court is called the Attachment, the mean Swani-mote, the highest, the Junitee in Eyra's Seas. See SWAIMSOTE, and JUTYEE.

The Court of Attachments feems so call'd, because the Verde-rors of the Forest have therein no other Authority, but to receive the Attachments of Offenders against Vert and Venison taken by the refl of the Officers, and to inrult them, that they may be prefented or purified at the next Juffee Sea.—This Artack-sews is by three means; by Goods and Chittels; by Body, Pledges, and Maimpraze; or by Body only—This Court is held

every forty Days throughout the Year ATTACHMENT of Privilege, is, by Virtue of a Man's Privilege, to call another to that Court whereto he httpfelt belongs, and in respect whereof he is privilezed to answer some Action

Furing ATTACHMENT, is an Attachment of Goods or Money found within a Liberty or City, to fatisfy fome Creditor within

Double within a liberty or Cay's to littify fome Creditor within fack City or Liberty.

By the Cufform of fome Pheese, particulty Lendon, a Man may strate Monoy or Goods in the Hands of a Stringer. Au, if M. ower B. 10 I and C. ower M 10 I. B. may attack the 10 I in the Hands of C to facility himself.

ATTACEHAMENTA Beneraes, in our antient Law Books.

ATTACHIAMENTA Thomses, In our minent Lew Books, chemica a Dirice is tenin gran the Goods or Charcie of any Perdenter a Dirice is tenin gran the Goods or Charcie of any Perdenter is the Comparable of Booksis, as a Security to notice the Addis. ATTACHIAMENTA & Spile of Books, Gapiller an antient Privilege general to the Officer of Forests, to take to their own ATTACHIAMENTA & Spile of Books, Gapiller and Precision Collection. See Forests. It will be provided the Collection of Collection of Collection Collection. See Forests. It was also the Collection of Man Office Spile of Collection of Man Office Spile of Collection.

ATTACK, in the military Art, is an Attempt or Engagem to force a Poft, a Body of Troops, or the like. See

We say to begin, to make, to sustain an Attack, &cc. Several Authors have wrote of the Art of attacking and defending.

ATTACK of a Sign, is the Effort made by the Bessegers with Tranches, Mines, Galleries, &c. to make themselves Masters of a Fortres, in attaching one of its Sides. See Signe, Fortrescation, Works, &c.

THEATTON, WORK, O.

Fulf ATTACK, is that which is not vigorously profecuted; ferving only to make a Divertical among the beinged, and to oblige them to divide their Forces, that the true Attack may be carried on with general Forces. See FALSE.

TO ANTACK in Flank, is to attack both Sides of the Baltion.

ATTAINDER, in Law, is when a Man has committed Fe-lony, or Treason, and Judgment is pussed upon him. See Fe-LONY and TREASON

LONY and TREASON.

The Children of a Perfor intrainted of Treaton cannot be Helas to him, or any other Ascerbor; and if he were noble before, his Potterity are bereby degraded and made basis: Nor can this Corruption of Blood be filled but by an Act of Parliament, unleit the Judgment he reverted by a Writ of Error. See AT-

Our artiset. Loss makes the Difference between Artisation Course and the Course of the SANCTUARY and ABJURATION.

Attaindr by Battil, is when the Pury appealld by another, chaling rather to try the Truth by Combat than by Jury, is vanquisted. See BAYTEL, CARRAT, DUILL, dr. vanquisted. See BAYTEL, CARRAT, DUILL, dr. vandister by Fordell, is when the Philomer at the Bar answering, Nov gusty on the Indicates at his has in Inquest of Like and Jury of the Parties of

Attainder by Precess, otherwise coll'd Attainder by Default, or

Attainer of treet, concernie care attainer of Departs, or Attainer of Outleary, is where a Party files, or does not appear after being five times publickly call'd in the County-Court, and at laft, upon his Detault, pronounced, or returned outlewed. See OUTLAWER. Bill of ATTAINDER, is a Bill brought into Parliament, for at-ming, condemning, and executing a Perion for High-Treason.

the true against him that brought, that Arrains, he shall be im-stoned, and guevously ransomed at the King's Will. ATTAINTED, in Law, is used for a Person found guilty of

fome Crime or Offence, particularly of Felony or Trease Yet a Man is faid to be attainted of Diffician; and so it is used

in French : 25, oftre attaint, & vain ATTAINT, among Farriers, fignifies a knock, or here in a orie's Leg; proceeding either from a Blow with another Horse's

oot, or from an over-reach in frosty Weather, when a Horse cong rough-fact, or having Shoes with long Calks, firikes his under Feet against his Fore-leg. The Farriers dishinguish apper Assaurs, given by the Toe of

The Farriers outunguist apper Attainets, given by the Tee of the Hind-foce upon the Sinew of the Fore-lege—And attee At-Lainets, or Over-reaches on the Pattern-Junt, wheth are little Blad-ders like Wind-Galla, conneg either by a Wrench, a Strain, of Over-each, or the like. The utant Place is in the Heel or Thoul. ATTENDANT, OF ATTENDENT. See ASSISTANT. See

also RETINUE, SATELLIT, O'S. ATTENDANT, ATTENDENS, in Law, fignifies one that owes

ATTENDATE, ATTENDATES, IO LESS, fignifies over the cores plant of services to another, or despoted upon hum. The sit them plant of services to another, or despoted upon hum. The sit them plant of the services are services as the services of the plant of the by a Penny; and the Medice hold over by two. Pennes: If the Medice relation to the Tenant all his Regis in the Lend, and that be attended to the I fail the redovered of the Land, and that be attended to the I fail the redovered of the Land, and that be attended to the I fail the redovered of the Land, and that the services the services of the services of the services of the services of the best Potteriors of the Francisco and the services of the best Potteriors of the Francisco and the Services of the Best Potteriors of the Francisco and and the Head and the Services of the Services and the Head and the Services of the Best Potteriors of the Francisco and the Head and the Services and to the Heir at his full Age. See Wife and Woman.
ATTENTION, ATTENTIO, a due Application of the Ear,

At the Hold of the state of the Middle of the Middle of the Middle of the Middle of the Attention of Middle of the Will, by which it calls the Understanding from the Middle of the Will, by which it calls the Understanding from the Confideration of other Objects, and directs it to the thing in hand. See Understanding and Will

hand. See UNDERFIANDING and WILL.
Aftername, in reject of Flearing, as the fireteching or firmining
the Mundrama Tympani, for as to make it more unforeithle or
Sounds, and better prepared to earth even a feedle Agitation of the
All. Or it is the adjutting the Tenchine of that Membrane to the
Degree of lendreds or lowneds of the Sound we are attentive to.

Soulde like. ee TYMPANUM See also HEARING, &c. The Word is compounded of ad, to; and tenfo, of tends, I

ATTENUANTS, ATTENUATIVES, or ATTENUATING Me-dicines, fach as fubrilize or break the Humours into finer Parts; and thus dispose them for Motion, Circulation, Exerction, &c. See ATTENUATION and HUMOR.

See ATTENUATION and HUMOR.

Attenuate fand eppoide to Thickerry, or Medicines which
condende, inspiritize, eve. See DETERGIEVT.

ATTENUATION, ATTENUATIO, the Act of attenuating;
that is, of misking any Fluid thinner, and lefs confident than it
was before. See ELUID.

The Word is compounded of the Latin ad; and tenair, thin, ender, weak

flender, week.

Attenations is defined more generally by Charcile, the dividing or feparating of the minute Parts of any Body, which before, by their mutual Neutron of Implication, formful a more continuous Mask—Accoedingly, among the Alelymills, we former time from the Word which or Pattertrations on the aft of reducing a Body into an impulgable Powder. See Powdorsk and POTUREIZA-

ATTESTATION, the giving Testimony, or Evidence of the Truth of any thing; especially in Writing.

NY, EVIDENCE, &v.

Thus we by, Miracles need be well assifted, to gain Credit. cuition; as appears by feveral Statutes, 20 Hen. III cap. 10.45

See Miracle. 6 Rdm. 1. cap. 8. Sec.

The Word is compounded of the Latin ad, to; and teffir, ATTICISM. ATTICISMUS, a fhort, concide Expression or

manner of speaking; thus call'd from the People of Attica, or Athens, who abounded therein. See STYLE and LACONIC. ATTIC, ATTICUS, fomething relating to Attica, or the City

Albessi. In Matters of Philology we níc, Attic Salt, Sales Attics, for a delicate, poigeant Kind of Wit and Humour, peculiar to the Attiesses Wirters: Attics Vigits, was a Winter incapable of Corruption: So an Attic Male was an excellent

ATTIC is also used in Architecture for a Kind of Building, wherein there is no Roof or Covering to be feen; thus called because ufital at Athen

ATTIC, or ATTIC-Order, is also a kind of little Order, rais'd on another larger one; by way of crowning, or to finish the

It is forestimes also used for the conveniency of having a Wardrobe, or the like; and initiad of regular Columns, has only Platters of a particular Form. See Column and Pilaters

There are also Attier used for high Altara.—The Order takes its Name from Atheus, where it was first practiced.

ATTIC of a Roof, is a Kind of Parapet to a Terrace, Plat-

mm or the like. See Paraper, Terrace, Ge.

ATTIC Continued, is thu which encompaties the whole Paurforms or the like.

tour of a Bailding, without any Interruption; following all the Jets, the Returns of the Pavillions, &c.

ATTIC Interpatal, is that fitnate between two tall Scories,

ATTIC Interpril, is that fitting between two tall Stones, founding andered with Columns, or Philtres. See Strong. ATTIC Bafe, is a peculiar Kind of Bufe uted by the antient Architects, in the Imode Orders and by Pallads, and others of the Moderns, in the Davids. See Doug and losse. Attac is the most beautiful of all the Bases. See BASE

ATTIRE, in Botany, is used to denote the third Part or Di-vision of the Flower of a Plant; the other two being the Empat-ment and the Fullation. See FLOWER. See also EMPALEMENT,

This Attire is of two Kinds; Semini-form, and Florid —The Sammi-form Attire conflicts of two Parts; Chives, or the Semina: and Sement, or Anices; one upon each Attire. See Sta-MINA and APICES.

NAME AND APPLES.
The Pilot'd After is usually call'd Thrans, as in the Flowers of Marigold, Tanfy, &c.—Thefe Thrans are called Sairs, which consist of two, but most times of three Pieces.—The cuter Part of the Sair is the Floret, which Body is divided at the top, like a Cowilia Flower, isno five Parts or diffined Leaves. See TRRUM, &c.

ATTIRE, in Hunting, the Head or Horns of a Deer. The Attire of a Stag, if perfect, confifts of Bar, Pearls, Beam, atters, Antier, Sar-autier, Royal, Ser-royal, and Coulos. Of a

Buck, the Bar, Braw, Braw, Brawlennes, and Scotlers. See the Article HUNTING. Bram, Brow-auther, Black-mather, Advancer, Palm,

and spellers. See the Article HUNTING.
ATTITUDE, in Planniff, and Sculpture, the Pothere of a Figure, or Statue; or the Disposition of its Parts, by which we discover the Action it is engaged in, and the very Sentiment fupposed to be in its Mind, See Frouncy, Statture, and ACTION.

The repreferring of these in a strong and lively manner, makes what they call a good Expression. See Expression.
The Word comes from the Italian Attitude.

The Word Course and the first thing of the first thing and the first thing.

ATTOLLENS, in Austomy, a Name common to feveral Mulcles, whose Office or Action is to raife the Parts they belong to. See Muscles.

long to. See Muser.e.
The Attollent, or Attollent Muscles, are otherwise call'd Ele-The Word is compounded of the Letin ad; and tells, I miles

ATTORNEY, ATTURNATUS, in Law, a Person appointed by another to do sometiage in his stend; particularly to sollicit and curry on a Law Sult. See AGENT, DEPUTY, &v. See also, CAUSS, PROCESS, ACTION, &c. Attenues in Common Law are much the same with Presentative, Process, deputs, in the Civil Law. See Procupations,

Processon, e.e.

The Word is compounded of the Latin ad, to; and the French
towarer, to turn; q. d. to rurn a Buffaces over to another.—The
antient Latin Name, according to Braston, is Responsalir. See

RESPONSALIS

RESPONSALES.
Antiently, those of Authority in Courts had it in their Power whether on no to faffer Ment to appear or fite by snother than themselves; as suppart from Era. & Nos. Erw. in the Writs, Dedmit possible are in Attenuate Jacobs, where it is thewed, that Men were driven to procure the King's Writs, or Letters Pattent, to repeat the Airy Writs or Letters Pattent, to repeat the Airy Writs or Letters Pattent, to repeat the Many See them 1 of International Conference on Airstany without fact Cit-field at the Air Internation of Letters and Airstany without the City City See 1 of Letters and Lette

There is a great diversity of Writs in the Table of the Regi-fler, wherein the King, by his Writ, commands the Judges to admit of Attorneys; whereby there are no many unskiful At-

amus of Missings; whereby there and to many unassitut Mis-teways, and for many mitchest thereby, that for reftraining them it was enacted, 4 Mer. IV. cap. 18. that the Judges should exa-mine them, and displace the unsafalful; and again 33 Mer. VI. cap. 7. that there should be but a certain Number of Missings in Mirfold and Soffiel. Attorney is either Gene ral or Special.

ATTORNEY General is he who by general Authority is appointed to manage the Affairs or Suits of the Community.

to manage the Attass or Sues or the Community.
Such is the Attass or Sues of the Community.
Such is the Attassay-General of the King, who is the fame as
Presentative Coffers in the Research Empire. See PROCURATOR.
To him come Warrants for making our Patents, Patrick
Coff. He is at the Head of managing all Law-Affairs of the OV. He is at the Head or maniging as Law-statum or use Crows, either in criminal Profecutions or otherwise, efforcially in Matters of Treason, Sedition, etc. In all Courts he pleads within the Bar; but when a Prive-Countellor, he cannot plead in any Court, but on the King's Affairs, werbout obtaining a Pri-

Attorney-Special, is he who is employ'd in one or more Causes particularly specified

Attorneys are also diffinguished with respect to the Courts, in-to Attorneys at large, and Attorneys Special, belonging to this or that Court only.

ATTORNEY of the Court of the Datchy of Lancaster, Atturna-tus Curla ducatus Lancastrus, is the second Office in that Court, being there, for his Skill in Law, placed as AB flor to the Chincellor of that Court. See Duretty Cases and Assessor. See also Chancetton, &c.
ATTOURNMENT, in Law, a transferring of Duty and

Service to another Lord p or an Acknowledgment which a Te-nant makes of Hornage and Service to a new Lord. See Lord and Texacer.

Thus, when one is Tenant for Life, and he in Reversion
Thus, when one is Tenant for Life, and he in Reversion
grants his Right to another; it is necessary the Tennes for Lifegree thereon, which is called "Atternatives; and without which
nothing patter by the Great—If the Great be by Eus, in Gorer
of Record, by fall he sampelled to Atternate. Stat. 29 Hes. VIII.

The Words wied in Attentational or the Control Japanes was to the

I be Worth used in Attenueur are thele; I agree use to the formst mate to pay; on time commondly, for I Attenue to pay by force of the force Great; or, I become part Tenuent; or ablove to for Greate a Permy by case of Attenueurs, I Litch. 3.
Attenueurs is either by Words, or by Acit; voluntary, or com-plainty, by the Write Per say fortilate, or by Dittles—let may be made to the Lord bindlef or to be Secured in Court. There and Attenueurs in Deck, and Attenueurs in Law. Och. At. Ac. M. (26.)

tearment in Law is an AC, which though it be no express At-tearment, yet in Intendment of Law it is of equal Force. Color ATTRACTION, ATTRACTIO, OF TRACTIO,

cicks, the Act of a moving Power, whereby a Moreable is brought nearer to the Mover. See Powers and Mortox. As Action and Re-action are always equal, and contrary; it follows, that in all Attraction, the Mover is drawn towards the Moreable and the Act of the Mover is drawn towards the Moreable.

Moveable, as much as the Moveable to the Mover. See Action The Word is compounded of ad, to; and trabe, I draw

ATTRACTION, or ATTRACTICE Fore, in Phylicks, is a na-tural Power inherent in certain Bodies, whereby they act on o-ther diftant Bodies, and draw them toward themselves. See Force. This, the Perpareticks call the Motion of Attraction; and on any Occasions, Saction; and produce various Inflances where ey suppose it to obtain.—Thus the Air, in Respiration, is taken they fuppeds it to obtain—"Thus the Ais, in Refiguration, is taken, in according to them, by directain, or obtained, is do the Nanola through a Dipe of Tobacco; and the Milk out of the Monder's Breefit: Thus also it is that the Blood and Humours rife as a Capping Glafs, Water in a Pump, and Smook in Chimmeys; for Vapours and Exhibitions are directed by the Sain; Iron by the Magnet, Straws by Ambee, and electrical Bodies, or Sec Stochage.

But the later Philosophers generally explode the Notion of Attraction; afferting, that a Body cannot act where it is not; and that all Motion is perform'd by mere Impulsion.—Accordingly, most of the Effects which the Antients attributed to this unknown Power of Attributes, the Moderns have discovered to be owing to more fentible and obvious Causes; particularly the Preffure of the Air. See AIR and PRESSURE.

To this are the Phenomena of Inspiration, Smoaking, Sucking, Cupping-Glasks, Pumps, Vapours, Exhibitions, Sec. See Respiration, Suction, Pump, Cupping-Glass, Vapours, SMOAK, EVAPORATION, &v.

For the Phanomena of magnetical and electrical Attraction, see

Magnetism and Electriserry.

The Power opposite to Astra Time is call'd Repulson; which is also argued to have some Place in natural Things. See REPUL-SION

ATTRACTION, or ATTRACTIVE Power, in the Neuronian Phi-lofophy, is a Power or Proceiple, whereby all Bodies, and the Particles

Particles of all Bodies, murually tend towards each other.—Ot, more judity, detections to the effect of fact Power, whereby every Particle of Marters tends towards every other Particle. See Marters and Particles, is Laws, Photocomena, der make the great Hinge of See Iface Neutral Philolophy. See Newtonian Philo-

It must be observed, that though the great Author makes use of the Word Attraction, in common with the School Philoso-phers; yet be very fludiously diffinguifhes between the Ideas.— The antient Attraction was a kind or Quility, inherent in certain Bodies themselves; and aning from their particular or specific Forms. See QUALITY and FORM.

The Neustenan Attraction is a more indefinite Principle; deno

The Newtonian Attraction is a more indefinise rancepies; secur-ting, not any particular Kind or Mamore of Actions, bot the phy-ficial Caulie of feach Action; the copie of a Tendency in the Gree-ral; a Constain excellently to whatever Caulie, helpical or mechaf-ficiels, fach effect be owing; whether to a Foower inherent in the Boddes themfelves, for to the frampile of a Foower inherent in the Bedies themfalves, or to the Impulse of an external Agent. Accordingly, the great Author, is an be Bislif. Nat. Pinn. Math. Notes, "that he nies the Words Attrafilies, Impulfe, and Property on the Courter, buffercody; and cautions the Reader to to imagine that by Attrafilies he expertite the Moissa of the Acthon, or the efficient Caulie theoretic, and if there were any proper Process in the Centres, which in reality are only mathematical Points; or, and Centres could article. Left.

I. p. 5.—So, he " considers centripetal Powers as Attraction p. 5.—So, he "coniders centifyeds Powers as Attractives, though, psycholarly feedings, it were perhaps more just to call them loyedes." It p. 147. He adds, "that which calls Attractive may possibly be effected by Impulse, though not a common or corpored Impulse, so in fone other Masser unknown to us." Optin, p. 324.

** snown to us.* Optin, p. 32a. Attraction, if conclored as a Quality arising from the specific Forms of Bodies, ought, together with Sympathy. Antiputhy, and the whole Tribe of occur. Qualities to be exploded. Occur. Quality.) But when we have fet these axies, there will

remain innumerable Phenomena of Nature, and particularly the remain innumerable Prosomment of Natere, and particularly the Gravily or Weight of Bodles, or their Texchergy to a Centre, which strang a Principle of Advon fermilagy difficit from Im-pulie; where a least, there is no feedble Impulsion concerned. Nay, what is more, this Addion, to forme refpects, differs from all Impulsion we know of; Impulsi being always found to act in Proportion to the Surinces of Bodles; whereas Gravity acts se-Proportion to the Surfaces of Bodder; whereas Gravity acts according to their field Concetts and consigurately must said livest form. Cande that percentar or pervised the way to be the first percentage of the control of the control

ture, may be ranged.

And hence arise divers Kinds of Attrallism; as, Gravity.

Magnetifis, Elééricity, &c. which are so many different Prince. Magnetifies, Electricity, &Ce. which are so many chilerent Finan-ples, acting by different Leway and only agreeing in this, that we do not see any physical Causies thereof; but that, as to our Scales, they may really asife from stime Power or Efficacy in faith Bodies, whereby they are enabled to ach, even upon dilated Bodies; shough our Reason absolutely distillors of any fatch

ACTON

ATTRACTION may be divided, with respect to the Law it observes, into two Kinds.—1° This which extends to a simple Disame.—Such are the Attraction of Gravity, found in all Bodies; and the Attractions of Magnetifus and Electricity, found in parti-cular Bodics.—The feveral Laws and Physiciness of each, for un-der their respective Articles, GRAVITY, MAGNETISM, and Elec-

TRECTY.

The Attractive of Gravity, call'd also among Mathematicians, the Cartrigetal Force, is one of the greateit and most universal Principles in all Nature—We see and feel it operate on Bodies near the Earth, (See Wagners) and find, by Observation, that Principle in all Nature—We fee and feel it operate on Bedies the the feel of the principle of the principle of the principle of the fine Plones, I as I never which all in the fines Minner, and by the fines Relet; see always proportionally to the Quantities of Minner, and are bequires after fines of the all the principle of the fines of the state of the principle of the principl

ON, DEMENT, AMENT, PROJECTILE, VAROUR, RAIN, RIVER, TIME, ARM ATMOSPHERE, &c.

10 effect, the Microse arting from this Principle make the
Subject of the executive Hench of Mathematicis, call'd Mechaniks, or stacking, with the Parts or Appendage Generof. Hydisplaints, Premanticis, Coc. See Machanicas, Statistica,
Hydrogen-Tracky, Prentamentaes, See alife Mathematicis,

14 Tropolities, Prentamentaes, See alife Mathematicis,

16 Tropolities of Programment Company

16 Tropolities of Programment Company

17 Tropolities of Programment Company

18 Tropolities o

HYBROTATUCAL PRINTAFFICK. See also MATHEMATICKE. PRILICOPHY. (ed. new st. extent of priffle Diffares—Such is found to obtain in the minute Particles whereof Bodies are composed, with a stress even stress or craternelly sear. Me Poinc of Countil; with a Porce much importer to tract of Gardiy. The print of Countil; with a Porce much importer to tract of Gardiy. The Poinc of Countil; with a Porce much importer to tract of Gardiye sear. Me Poinc of Countil; a line important Author the Power of Circuspe—This Power, a line important Author chaigs to call the clusted size of Godyler; as being that whereby he Atoms or infinition? Farticked to Bodies are united unto feed—the county of the Countil Count

ble Maffès. See Cohesion, Atom, Particle, & This letter Kind of Attraction owns Sit Ifaat Newton for its Dif-

coverer; as the former does, its Improver.—The Laws of Mo-tion, Percurioo, &c. in featible Bodies under various Circum-flances, as falling, projected, &c. as aftertain a by the later Phi-

times, we taken projected, do's a identically by the later The-ledopted-not need to their times entering, institute Morrouse of the composer Periodical the fame Rodein, whereas the Changes the Composer Periodical the fame Rodein, whereas the Changes of the Composer Periodical the Composer Periodical the Composer Periodical theory and the Composer Periodical theory and the Composer Periodical theory and control for far at the world leaf us, would needling be very delection. See Enterty, Caterony, desponse the Composer Periodical the Composer Periodical theory are composed of a see found helpful to control the Composer Periodical the Composer Periodical theory and the Compo Verdi—In varue of their Powers, he hews, " that the treatly Particles aft on one another even as a Distance, and that ma-ny of the Promomens of Nature are the Refull thereon. Sentifiche Bodies, we have already observed, as to one ano-ther diverse ways; and as we these perceive the Teour and Courtie of Nature, it appears highly probable that there may be other Powers of the like Kand; Nature being very un-form and conditions with herifich—Those just memonent, reach to fensible Diffances, and so have been observed by vulgar Eyes: But there may be others, which reach to such small Di-stances, as have bitherto cscaped Observation; and 'tis proba-

where, as have before Geograd Oldervators; and the present the Electricity may note to the Dilators, even without the Electricity may note to the Dilators, even without the Electricity and the Electricity of the Singleton from a great Number of Plansarson. The Electricity of the Singleton from a great Number of Plansarson and Electricity and Electricity of the Singleton from a great Name of Electricity of Singleton from the Number of Plansarson and Electricity of Singleton from the Number of Singleton from the Number of Singleton from the Number of Singleton from the Copper of the Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper than Singleton of Marchael Singleton from the Copper Copper Singleton from the Copper Copper Singleton from the Copper Copper Singleton from the Copper Singleton f

Copper, 62.

The other Experiments which constinuous the Entitence of The other Experiments which constinuous the Entitle Constitution of the Cons

celly, Signaturo, Somenatur, exist, association of the conformation of the conformation of the conformation of the properties of the grant Montane to be feed, and very fumple, performing all or the grant Montane of the heaven) bloods, but defined all the order of the conformation of th

P. 373: We need not fay how unjuft it is in the generality of foreign Philofophers, to declare againft a Principle which furrafiber in beautiful a View, for no other Reason but because we cannot conceive how a Body should act on another at a Diffusec—Tis

certini, Philosophy allows of no Aclion but what is by imme-diate Consolt and Impations: (for how can a Body cert any active desired that Impations: (for how can a Body cert any active desired that the properties of the properties of the active desired that the properties of the properties of the a Controldition). Yet we fee Efects werkent feiting say their languages and where there are Effichs, we can enably infor these are pairs and where there are Effichs, we can enably infor these are pairs afficient, without entering income and the properties of the pair Effichs, without entering income and the properties of the properties of a induced, in forms the Ballottic of a Philosopher to do. For no ss, indeed, it feems the Butiness of a Philosopher to do: For to s, index, il ferms de Balinfar of a Fisiologher to do.; For me cettled a Number of Paesonness which we do fice, will be to leave a great Chaffin in the Hildrey of Netrace; and to appea be compared to the co when they appear to be use names or tome other ingher Cantes, (for a Caulie is no otherwise fear than as it fell is an Effect, for that the first Canfer must from the Nature of things be invisible. We are therefore at Laborry to dispute the Caulies of Attradi-sar what we felus, without any Juny to the Effect.—The il-lathrious Author himself forms a little irreliative as to the Caule;

latitions Author hunted feerus a little irrefeliate as to the Castle, and the grant part of the Castle and the and most fentible Action is not adequately known: How Impulse or Percussion at felf works its Esteet, i. e. how Motion is communicated by Body to Body, confounds the deepest Philocommunication by Body to Body, confounds the deepth remo-niques; yet in Impulie received not only into Philosophy, in into Mathematicks; and accordingly the Laws and Phenomena of its Effects, make the greater Part of common Mechanicks. See Parcussion, and Communication of Markov.

Sign Paccinosts, and Colsinivariants of Manas.

The older general of strategies, networks, when their Phae The older general of strategies, networks, when their paccount of from physical strategies have the first Theory to proceed from physical strategies of the classic, when any process in a part of the classic, when the control is a process of the classic to be proceeded by the classic to the control of the classic to the control of the classic to the control of the classic to th Committy. See Generation, Corruption, OPERATION, CHYMISTRY, GO

Some of our own Countrymen have profecuted the Difcove-ry with laudable Zeal: Dr. Kell particularly, has endeavoured to deduce forme of the Laws of this new Action, and applied them desires some of the Laws or this new section, that applied areas to false divers of the more general Ph enoment of Bodiers, 82 Co-bases, Findity, Elafticity, Softnets, Fermentation, Cosmitation, or, And Dr. Frank feconding him, has made a further Application of the fame Principles, to account at once, for al-most all the Phenomena that Chymiltry prefense—So that the new Mechanicks should foem already rasted to a complext Scicase; and nothing can now mrn up, but we have an immediate Solution of, from the astractive Fare.

Solaion od, from the attractive Faire. Be this form in their too precipitate; a Principle of fertile, based lave been fairther explored; its particular Laws, Limits, and the been fairther explored; its particular Laws, Limits, and particular laws, and the construction of the constructi

As a Specimen of the extent of the Principle, and the manner of appling m, we shall here subjoin the principal Laws and Constitution thereof; as settled by Sir Islan Neurons, Dr. Keil, Dr.

Friend, Dt. Morgan, &c.
Thur. I. Belides that attractive Power whereby the Planets There, I. Belides that attractive Power withereny the Plances and Comes are reamed in their Orbits; there is another, by which the feveral Particles whereof Bodies confift, attraff, and see muntilly attractive by each other; which Power decreases in more than a duplicate Ratio of the Increase of the Diffuse.

Blace.
The There as where already observed, is demonstrable from a past Noulse of Phenoment— We shall have only question as the past of th

As to the just Law of this Attraction, it is not yet determined; only this we know in the general, that the force, is recently not be a superior of the control of the cont and ceases to have any Effect, at the smallest assignable Distance.

—But whether to fix on a triplica e, quadrapicate, or some other proportion to the increasing Distances, is not ascertain'd by Ex-

II. The Quantity of Astraction in all Bodies, is exactly pro-The Cannets of Attraction in all Bodies is exactly pro-portional to the Quantity of Matter in the attracting Body; as bring in reality the Retult or Sum of the noised Forces of the Attractions of all those fingle Particles of which it is composit; or, in other Words, Attraction in all Bodies is, activit particles, as

Hence, 1°. At equal Diffusiones the Attraffusion of homogene-al Spheres will be as their Magnitudes.—And, 2°. At any Diffusive whatever, the Attraffusion is as the Sphere divided by the Square of the Diffusion.

druded by the Square or the Dilliner.

This Line, it must be noced, only holds in refpect of Atoms, or the timslest conditioner Particles, furnetines called Particles of the 168 essepticines and not of Coopelies or Composition stands up of these; for they may be fo put together, as that the most offer of the property their Matter

their Mister.

III. If a Body condit of Particles, every one whereof has an attraktive Power decreasing an a triplenes, or more than a tripleness case Ratio of their Diklances; the Force wherewish a Particle is attrakted by that Body in the Point of Connell, or at an infinitely intel Diktone from the Contact), will be infinitely generate than if that Particle were placed at a given Diktone from the Body.

Body. See INFINITE.

IV. Upon the fame Supposition, if the attrastic to its 0

IV. Upon the time Suppression, if the attractive Force as any affiguitable Dilance, have a finite Ratio to its Gravity; this Force in the Point of Council, or at an infinitely finall Dillance, will be infinitely greater than its Power of Gravity.

V. But if in the Point of Council, the attractive, Force of Box deshave a finite Ratio to their Gravity; this Force in any affiguishe Dilance is infinitely left then the Power of Gravity, and therefore ceases.

berefore center.

VI. The attractive Force of every Particle of Matter in the
Point of Contact, almost infinitely exceeds the Power of Gravity, but is not infinitely greater than that Power; and therefore

vity, but is not infinitely greater than that Power; and therefore in a given Dillance, the attractive Force will vanish.

This attractive Power, therefore, thus inperadded to Mitter, only extends to Species extremely minner, and variables in greater Dillances; whence, the Motion of the beavenly Bodies, which are are prodigious Dillance from each other, cannot at all be disturbed by its, but will continually go on as if there were no facility to the product of the production Power in Bodies

Where this attralling Power center; there, according to Sir Ifast Newtor, does a repelling Power commence; or rather, the attralling does thence forward become a repelling Power. See

REPELIANO Freuer
VIII. Supposing a Corpuscie to touch any Body, the Force
whereby that Corpuscie is impelled, that is, the Force with which
it otheres to that Body, will be proportionable to the Quantity
of Contact: For the Parts farther removed from the Point of Cooract, contribute nothing towards its Cohelion.

Hence, according to the Difference to the Contact of Parti-

Hence, according to the Difference in the Contal of Parti-cles, there will be collicitud Degrees or Cockiens. But the Powers of Cohelina rate greated when the touching Surfaces are Planes; in which calls, activer parkins, the Force by which not Corpstelle adheres to others, will be at the Parts of the touching Surfaces. Hence it agents why two perfectly pulled Intelligent, justed tags-there by their planes Surfaces, animal to fact all quickers, but by a Viewplane acknowledge and the Company of the Particles and the Company of the Company o

Hence allo may be drawn a Solution of that famous Problem concerning the Cologins of the Parts of Matter. See Connector, VIII. The Power of Astraction in the final Particles increases, as the Bulk and Weight of the Particles chiminifices.

as the Bulk and Weight of the Paraclea climinifica-fron the Force univaleng at one sure the Point of Commû, Fron the Force univaleng at one sure the Point of Commû, Fron the Force univalent control of the Paraclea and Dentity of the Paraclea, and the Langench of climical and the Salchian as the Cabes of the Disnetter. Confequently, the at the Salchian as the Cabes of the Disnetter. Confequently, the their Salchian, are capable of more Committe, de-termined the Capable of the Capable of the Capable of the Those Corpulcias are until easily fequence from one smoother. Those Corpulcias are until easily fequence from one smoother, and the Capable of the Capable of the Salchian and Capable of the land of the Capable of the Capable of the Salchian and Capable of the Capable of the

rely fmill.

Hence we have the Canfe of Fluidity. See Fluidity, Wa-

TRR, Ox.

IX. The Force wheeby any Corpufele is drawn to another nearly adjacent Body, faffers no Change in its Quantity, let the Matter of the attracting Body be increased or diminished, fupposing Y y

sing the firme Denfity to remain in the Body, and the Distance of the Corpufele to continue the fame. For fince the attractive Powers

Particles are diffus'd only through the fmalleft Spaces; 'tis manifest that the remoter Parts at CD and E contribute nothing towards attrailing the Cor-puicle d: And therefore the Corpuicle will be attracted with the fame Force towards B, whether these Parts remain or be take taken away;

towards B, whether thiele Parts remain or be take taken away; or, latily, whether others be added to them.

Hence, Particles will have different attractive Forces, according to their different structure and Composition; thus a Particle perforated will not attract to itrough; as if entire. So, again, the different Figures into which a Particle is form'd, well occasion a directive; of Power: Thus a Sphere will attract more considered and enterior, of Power: Thus a Sphere will attract

than a Cone, Cylinder, eve. thun a CORG, Cylinder, &v.

X. Suppole a Body of fisch a Texture as that the Particles of
the laft Composition, by an external Force, such as a Weight
compressing them, or an Impulie given by monther Body, and
he a lattle removed from their original Contact, but so as not to acquire new ones; the Particles by their attrallers Force tend-ing to one another, will foce return to their original Contacts.— But when the fame Coctacts and Politions of the Particles which compose any Body, return; the same Figure of the Body will also be restord; And therefore Bodies which have lost their ori-

allo be reflor?! And therefore Bosies which have loft their coi-giand Figures, my recover them by Attraffire.

Have appear the Castle of Elefrica;—Roy, where the conti-juncy arterial est Boshy have by any external Veslence been forcid from their former Pointer of Contrib, to extremely final ID-filance; as from as that Force is taken off, the figurated Parti-cles multi return to their former Contact. By which means the

Body will refume its Figure, &c. See Elastricity.

XI. But if the Texture of a Body be such that the Particles by an impressed Force being remov'd from their Contacts, come immediately into others of the fame Degree, that Body cannot reflore it felf to its original Figure.

Hence we anderfland what Texture that is wherein the Softwell Henry as satelfued what Tanear that is shown the Softwiff of Bohan mulli. SO SOFTMEN.

XII. The filled of a Body beavier than Water, may be for at disminish, that is that immun dispended in Water, without described the state of the state o

the more remote having nothing to do therein. No greater Force, therefore, will be apply'd to move the Bodies A and B, than to move the Particles e and a's but the Velocities of Bodies mored by the fame Force are in a reciprocal Ratio of the Bodies: Wherefore the Velocity with which the Body A tends towards B₂ in to the Velocity with which the Particle of detach'd from the Body would
be tend towards the fame B, as the Particle of its
the Body B; confiquently the Velocity of the Body A is much
left than would be the Velocity of the Particle of detach'd from

the Body.

Hence it is that the Motion of Juge Bodies is naturally fo flow
and languid, that an ambient Fluid and other circumpiscent Bodies generally restrict them; while the felies go on more brinkly,
and produce a greater number of Effects: So much greater is
the attractive Energy in finaller Bodies than in the larger—Hence
again appears the Reason of that chymical Axiom; Salts davit all

"The Company of the Reason of that chymical Axiom; Salts davit all

again appears the Ninders of that chymical Axioms, John Berger - Steries and the type and falled. Axioms, John Berger - Steries and the type and falled. Axioms, John Berger - Steries - Nilv. Hr Corpside placed in a Fluid be equally strated to every way by the encumenations Hrencises, no Moston of the more than orders, it will read to that pur whose the direction to the more than orders, it will read to that pur whose the direction in the generation and the Moston produced will correspond to the Inequality of the Attractions, with, the greater the Inequality, the Nilv. Corpsides Biomotion in a Nilval and Association of the Attractions, and the Articles of the Nilval Representation of the Nilval Represent

XV. Corpuckes floating in a Fluid, and attratting each other more than the Particles of the Fluid that lie between them, will force away the Particles of the Fluid, and ruth to one ano-

wil facer any the Particles of the Flash, and rish to once me-ther with a Facer cault to their you'ld their instantal Attainals are exceeds that of the Particles of the Flash AVII, If a flowly is immorped in a Flash whole Parts more through armost the Farticles of the floyd than they do once smo-letally armost the Farticles of the Flash will im-madently diffuse tield through the Flash will im-madently diffuse tield through their Particles in the most of the Part of the floyd to ten for force, for that in may be overcome by the Flowco of the Particles radiating within lift; there will be a Diffusion or the floyd. See Thomas

Hence, for a Menftruum to be able to diffolve any given Bo-dy, there are three things required—1°. That the Parts of the Body attract the Particles of the Menftruum more frongly, than theic attract each other. 2° That the Body have Ports or In-

erflices open and pervious to the Particles of the Menfrauem.

That the Cohelion of the Particles which confliture the Boy, he not firrog enough to relift the Irruption of the Particles
of the Menfrauem. See Menstruum.

the Menthruam. See Menstruum. XVII. Salts are Bodies endued with a great attraffive Force. AVII Sales the Document with a great any interflices, which lie open to the Particles of Water; thefe are therefore fromgly arrafted by those failine Particles, so that they forcibly rath important, sprange them, separate their Contacts, and dissolve the Contexture of

treated by those issues Particles, to that they forcing run may them, feperate their Contexts, and diffolive the Contexture of the Salts. See Salts.

XVIII. If the Corpufiles be more attracted by the Particles of the Flaid than by each other; they will recode from each other, and be diffured through the whole Flaid.

Thus, if a little Salt be diffolired in a deal of Water, the Particles of the Flaid than the diffolired in a deal of Water, the Particles of the Salts be diffolired in a deal of Water, the Particles of the Salts be diffolired in a deal of Water, the Particles of the Salts be diffolired in a deal of Water, the Particles of the Salts be diffolired in a deal of Water, the Particles of the Salts be diffolired in a deal of Water, the Particles of the Salts and the Sal

Thus, it into Sair be distribed in a deal of Water, the Pa-ticle of the Sair, how pleonfells between the Water, will e-cited of the Sair, how pleonfells between the Water, will e-te a Stiller as Top as Boston—Does not the imply dust the Part of the Sair how a countrigue, or regulater Bores, by the Water more Brough than they do not another? For a sail through a second the sair sail of the sail of the Sair and through a second the sail of the sail of the Sair and through a second the sail of the Sair and the Sair and the sail of the Sair and Sair and Sair and Sair and XIX. Compiles, or line Bottle fellowing in a Paid, and touch countries the sail of the Sair and Sair and XIX. Compiles, or line Bottle fellowing in a Paid, and touch growth of the Sair and Sair and Sair and Sair and XIX. Compiles, or line Bottle fellowing in a Paid, and touch growth of the Sair and Sair and Sair and Sair and Sair and XIX. Of paid the Sair and Sair and

mu'd Series of Percusions and Reboundings.—But, by the ar-trastive Power, the Velreity of such Corpuides will be continu-ally increased; so that the intestine Motion of the Parts will at

length become evident to Senie. See INTERTEN MAIN MAIN Add, that in proportion, as the Corpulcies artisal each other with a groater or lefs Force, and as their likalitany is in a greater or lefs Degree, rheir Motions will be different, and become fenore lefs Degree, rheir Motions will be different, and become fenore lefs Degree, their Motions will be different, and become fenore lefs Degree, their Motions will be different, and become fenore left beginning to the left become fenore left beginning to the left beginning to t

or left Degree, breat Notions will be different, and become len-fible at various Times, and in various Degrees.

XX. If Corpuicles that arrived each other hoppen mutually to touch, there will lost utilize More that the period come nearer. If they be placed at a very little Diffusion from often, often, a Motion will said; but if further temov's, the Force wherewith they attract each other, will not exceed that week with they attract the Particles of the incernedium Flaid, and

therefore no Motion will be produced.

On these Principles depend all the Phanomena of Fermentation and On the fir Principles depend all the Phaensware of Permentative and Balalities. See PREMENTATION and IBSULTATION. Hence appears the Reafon why Oil of Virtids, when a little Water is poured on us, words and grows bot: For, the fallen Corputches are a little disjoind from their mortal Contact, by the mitted Water, whence, as they arrived each other more firmuly them they do the Particles of Waters, and as they are no.

equally attracted on every fide, there must of necessity arise a Motion. See VITRIOL Hence also appears the Reason of that uncommon Ebullition occasion'd by adding Steel-filings to the forefaid Mixture. For the Particles of Steel are extremely classics; whence there must

arife a very ftrong Reflection. anie a very troog Reinistino.

Home also we fer the Reafon why free Menfrances all more francis, and dissolve Subse fower, where aducted wath Water.

XXI. If Corpusies musually attracting each other have no elablish Power, they will not be reflected back from each other but will form Congress, or lest Matter; where a Language was said.

but will form Congerties, or intervalues a series for CASULATION.

If the Gravity of the Particles thus small'd, exceed the Gravity of the Fluid, a Preoperatus will forcest—Precipitation may also arise from an Increase or Diminution of the Gravity of the Mentitruum wherein the Corpuscles are immergid. See Presentations of the Gravity of the Mentitruum wherein the Corpuscles are immergid. See Presentations

XXII If Corpufeles fwimming in a Fluid, and mutually as-ading each other, have such a Figure, as that in some given Parts they have a greater attractive Power than in others, and their Contact greater in those Parts than in others; those Cor-puteles will unuse ioto Bodies with given Figures; and these will

rife Criffallization. See Crystallization. argic Ciptanization. See CRYPTALLIATION.
Particles immerged in a Flaid moved with a fwift or a flow progreditive Motion, will artiseff each other in the fame Manner as it the Flaid were at reit; but if all the Parts of the Flaid do not move equility, the Attrachose will be diffurbed. Hence it is that Salo will not cryptalize at all the Water where-

Hence is still Sales will not crythillize till the Water where to they are dilibided is cold.

XXIV. If between two Particles of a Fluid there happen to be a Copraide whole two oppolies Sides have a fireng atradfrie Power, that intermediate Corpuside will againstance or faithen the Particles of the Fluid to it elf—"And Several floor Corpuside elffuid through the Fluid, will fix all its Particles into a firm In-Ori; and the Faith will be frome or wheel aims the. See France

Cly, use

ZNO.

XXV. If a Body emit a great Quantity of Efflavia whose streative Powers are very fitting; as those Efflavia approach any other very light Body, their astructive Powers will overcome the other very light Body, their astructive Powers will overcome the control of the power of

géres: And as the Efflavia are closer and more copious at little
Déhaces from the emitting Body, than at greater; the light of the Company of the continuity deman towards the define Efflavies, it likely

Commission of Polissimo, Commission of ne as it comes to adhere to the emitting Body it felf.

And hence most of the Phenomena of Electricity may be accounted

ATTRACTIVE, ATTRACTERS, formething that has the tower or Faculty to assenti. See ATTRACTION, FACULTY,

ATTRACTIVE Power, or Force, Vis attractiva. Sec Power,

ATTRACTIVES, or ATTRACTIVE Resembles. See ATTRA-

ATTRAHENTS, ATTRAHENTIA, OF ATTRACTIVE Res ATTRACTIVE Keesdes, facts Medicioes, extreasily applied, as by their Activity and
Warmth penetrate the Pores; and mix with and rarefy any oblimited Matter; fo as to render it fit for Diffcharge, upon laying
open the Part by Caulitick or Incilion. See Mappetring, Carlo

Attrahents are the fame with what we otherwife call Drawers,

Rigentes, Matarantia, Desefrors, &cc. See Ripenner, Diges-

TIOS, O'C.
The principal Simpler belonging to this Clafs, are the feveral Kinds of Fats, or Adiper; the Dungs of Pidgeons and Cows; Beans Yet. Horizag, the Sudding or a Leeth, Melliot, Toberco, Oli, Fitch, Roun, Frankincores, dv. See each under its quoyer Artullas, Fats. Address, Herring, Oli., Priveti, Rosin, Farskincores, dv.

FRANKINGENCE, CT.

In many Infrances, as the Matter tarefies and grows more fluid by means of fach Micdicines; the refluent Blood is apt to wath
ig back into the common Mass; which sometimes does a deal of is basic insto the common Mala; which formetimes does a dead of Michiel's or by missing it take up more room upon its Rarf-Edban, occasions it to difficed more the Parts in which it is considered which of the property of t quire the most careful Management.

ATTRIBUTE, ATTRIBUTES, in Philosophy, a Property which agrees to fome Perion, or Thing; or a Quality, which determines fomething to be after a certain Manner. See PROPER-

Ty and QUALITY.

Thus, Understanding is an Attribute of Mind; Figure, an

ditribute of Body, Se.

Spinora makes the Soul and the Body to be of the fame Sube; with this only Difference, that the Soul is to be conceived under the Attribute of Thought, and the Body under that of De the feveral Astrobura belonging to any Substance, that which prefents it felf first, and which the Mind conceives as the

Foundation of all the reft, is call'd its effected Attribute. SENCE and ESSENTIAL Teas, Extension is by fome, and Solidity by others, made the clittial Astrobate of Body or Matter. See Body, Mattern.

EXTENSION, SOLIDITY, &c. The other Astributes are call'd accidental ones. See Accidental

and ACCIDENTAL. Ms. Los endeavours to prove, that Thinking, which the Cartifus make the effential Astribute of the Mind, is only an acci-

dered one. See THINKING, MIND, SOUL, OF ATTRIBUTE, in Logic, is an Epither given to any Subject;

ork is say peedicate thereof; or whatever may be affirmed or ceited of any thing. See Sunjacr, PRIDECATE, etc. Every Proposition condits of a Subject, an Attribute, and a conjuntive Particle. See Proposition.

Attributes are usually divided into position, which give a thing

Attributer are thatly civided into politics, which give a thing summatic; as when we say of a Man that he is assumate: And Nepulre; as when we say of a Stone that it is imammate.—Oten, agains, divide them into assessor, which agree to several different Piniogs, as Amissal: And proces, as Thompson, 800.

The Word is compounded of the Latin, ad, to; and trilors, land to the same of the sam

ATTRIBUTES, in Theology, are understood of the several culties and Perfections which we conceive in God; and which confuse his proper Essence; as Justice, Goodwess, Westow, Sec. Sec. Son. The Heathen Mythologists divided the Deity into as many di-diad Beings as he has Astrobutes: Thus the Power of God was called Japanes; the Weath and Vengeance of God, James, &c. See Pourpey.

ATTERBUTES, in Painting and Sculpture, are Symbols added to feveral Figures, to denote their particular Office and Cha-

tader. See FIGURE and SYMBOL Sizes. See Figures and Symbol.

Thus the Clab is an Attribute of Hereality, the Palm an Attribute of Vidory, the Peacock of Junes, the Eagle of Juneses, &c. See Stratus, Sciency 108.

ATRITION. ATTERTO, or Thirty, or Friding, expedies of the Montan of Bodies against one another, at this coff fome Special Patticles, whereby they become Icis and Icis. See

OTHER and FRICTION The Word is form'd of atterers, to rub, wear; compounded

of at, to; and te

C. fee under the Articles HEAT, LIGHT, FIRE, ELECTRICI-

Tr. &c. A Fenther by being only drawn through the Fingers has been found by Mr. S. Gery to acquise a Degree of Electricity, and would be annihed by the Finger when beloe mer it; a human would be annihed by the Finger when beloe mer it; a human form, and the Penther when the Belle and Thanh, would by to be Finger at the Dilmace of half an indict; and the Hart of a Doyle Lear, and the Threat of Silk would do the like. The like was found in Prener of Ribbard of Fereit December, that it yield to give the Hard held at the December of the Control of Fereit Control of Fe Air, their Electricity would be much weakened thereby; in which Cafe, the Fire never filled to give them a ftrong one. In effect, the firme Author found Woollen, Paper, Leather, Woodflavings, Purchment, and Gold-beater's Skin, to be Electrical; Intavings, Perchiment, and Gold-bearer's Sikn, to be Electrical; and that they not only terms to the Hand, or any other fold Body, but attracted imall Bodkes to them, fornetimes at the Di-Bance of eight or tea Inches: forme of their, allo, appeared luminous upon Friction. See Philip: Tranf. N°, 366.
ATTRITION is also frequently used for the Friction, or mibbing of farth lapple Bodies one against another, as will not were out, but

occation forme particular Determinations of the Fluids they con-

tain. Thus, the various Senficious of Hunger, Pain, or Plesfare, are occisiond by the Attriatows of the Organ formed for facts in the Properties of the Charlest Senficial Privaces, Pains, Pleadures, Orc. ATTRITION, among Divines, is a Seriore or Regret for lawing offended God, arting irons a Senie of the Colonalest of Sm. and the Apprehendious of having incurred the loss of Heisen, and Plandinener; i. e. the Pains of Hell. Sen Ethanyan.

and HELL. Attention is effected the lowest Degree of Repentance, being a ftep thort of Contition. See REPENTANCE and CONTRA

ATTURNATO faciendo vel Recipiendo, a Writ which a Man owing Sait to a County, Flundred, or other Court, and defining

owing sait to a County, Hundred, or other Court, and defining to make an Atomicy appear for into there, whom he doubs the Scientif or Skeward will not otherwise admit; purchatels, to commands mu for rockive faith Attomocy, and admit his Appearance by Jam. See Arronnessy.

AVANIX, a Presid Prepolition, figuritying Isfore, or a priority arthur to report of Time or Place; Jonettomes uicel, in Composition, in our admits, to include the product of the property of the product of the prod Vasut, or Vant, or even Van. See Van

AVAUNCHERS, among Hunters, the focond Branches of a art's Flore. See Fixad, Hunting, &c. AVAST, a Term frequently used on board a Ship, fignifying

flop, hold, or flay. The Word is form'd of the Italian, vafta, or hafta, it is enough,

AUCTIO, Aucreux, a kind of Sale among the an-thor Reasons, performed by the publick Cryer, Job Julya, that is, under a Spen rituck up on that occession, and by fome Magistrate who made good the Sale by Delivery of the Goods.

This was termed Anthis, a clinical is became according to Signature, the Goods were fold to blim, got phrimans area suggests.

ho wou'd bid moth for them.

And hence our English Word, Author, which fignifies the

me thing among us.

AUBAINE, in the French Customs, the act of inheriting after ADBAINE, in the Promo-Cultoms, the all of inhering after a Perceptor, who dies in a Country where he is not namelized. The Perceptor was considered to the control of the c

An Embaffidor, though not naturalized, is not subject to the right of Autoria. The Swift, Savoyards, Scots, and Participates, are also exempted from the Autoriae, as being reputed Natives and Regnicoles. AUDIENCE.

See HEARING, ATTENTION, and AUDI-The Word is form'd from the corrupt Latin, Audentia, of

Audire, to bear. Abadire, to bear.

AUDIENCE is alloufed for the Ceremonies practiced in Courts, at the admittion of Embalfadore, and publick Ministers, to a hearing. See EMBASSADOR, 64.

Such an Embatifador fout to demand Anderse; took his Anderses of Leave to depart, 64.

AUDIENCE is also the Name of a Court of Justice, established by the Spaniards in the West Indee; answering in effect to the ments in France.

They judge without Appeal, and have each a certain Diffriet, which ordinarily takes in several Provinces, call'd also Anderson, from the Name of the Tribunals to which they belong. Hence Sanfan divides Spain into as many of their Anderson Street are of those Tribunals—New Spain competends three Audience; those of Guadalajara, Mexico, and Guarinsala.

Audrence is also the Name of one of the Eccletisftical Courts,

which is, where-ever the Archbishop calls a Caule to his own Hearing. See Count and Archanastor.

The Court of Auditors is chiefly concerned in Differences a-

rifing upon Electrons, Conferentions, Influentions, Marriages, AUDIENDO & terminando, a Writ, or rather a Committi-on, directed to certain Perfons, when an Inforrection or great Middemeanour is committed in any Place, for the Appealing and

Misotronication is the color of the purpose. AUDIDENTES, in Ecclediation History—See AUDITORES. AUDIT, a regular heaving and examining of an Account, by Officers appointed for that purpose. See AUDITOR and Account, by Officers appointed for that purpose.

AUDITA querela, a Writ which lies against him, who, having taken a Statute-Merchant, or a Recognizance in the Nature of a Statute-Staple, or a Judgment, or a Recognizance of another; and craving, or having obtained Execution of the farme from the Mayor and Ballith, before whom it was entered; at the from the Mayor and Ballish, before whom it was entered; is tue. Complaint of the Party who entered the fines, good Soggiffion of fome juft Caule why Execution finand not be granted; as it affected, or other Exception.—This Wir is granted by the Lord Chamedles, upon view of the Exception Sugardish, to the Judges of either Bench, willing them to grant Summons to the Sheriff of the County where the Creditor is, for his appearance at a certain Description of the County where the Creditor is, for his appearance at a certain Description.

tain Day before them.

AUDITOR, a Hearer, or one who liftens or attends to any

AUDITORS, a Fleeter, or one who lithens or mends to my thing. See Heatman, Arteritorys in Arteritorys. Arteritory and Arteritory. Arteritors is also used for feveral Officers, appointed to meld, or one arteritors, fleeting, etc. See Account-ing, and con-tent Arteritors, fleeting, and the Arteritors of the Arteritors, for arteritors, for a fleeting. Nature see also frequently Cell & Anderson. Architors, in conting, the arteritors, fleeting fleeting, fleeting, fleeting, fleeting, and fleeting fleeting fleeting fleeting, and fleeting fleet

Difference Pethagon und Portegge and Cuttigg, has used nonerACRITICAS of the Revenue, or of the Robergo, are Officer with
take the Account of their Merenace, or of the Robergo, are Officer with
take the Account of their Merenacy of the Robergo and
take the Account of their Merenacy of the
collection, Tenum, and Cuthoures and Eventagers.
Accounts of the Robergo of Eventagers.
Accounts of the Robergo of Eventual Conference
under the Mutter Cuthoness, Wendriche, Firth-Irais, Niveral and justice
thanks, the Mutter Cuthoness, Wendriche, Firth-Irais, Niveral and justice
thanks, the Mutter Cuthoness, Wendriche, Firth-Irais, Niveral and justice
thanks, and the Conference of the Merenacy the Conference
thanks, and the Conference of the Robergor who for
the Lord Trusteirer & Canada of the Irais Depress, and are also as for any of them, and gives
the Lord Trusteirer & Canada of the Montey received the
the Mach Debraders to very Ticker, better they pay any
He makes Debraders to very Ticker, better they pay any

the Lord Treaturer a Certificate of the Money roccevit the Week before. See Exercisepts and TLLLER. He makes Debantures to every Teller, before they pay any Money, and take their Accounts. He keeps the black Book of Receipts, and the Treatfurer's Key of the Treatfury, and face re-very Teller's Money lock'd up in the new Treatfury. There are allo Andrew of the Park-Paratity of the Principality of Washing of the Dudlery of Corwands Cerc. See Plant-Paratit, &c.

AUDITOR of the Rota. See ROTA. AUDITORS Conventual, Collegiate, Sec. were Officers formerly

appointed among the Religious, to examine and pass the Accounts

AUDITORES, or AUDIENTES, in Church Hiltory, Cate-chismons, or those newly instructed in the Mysteries of the Chri-fitian Religion, and out yet admitted to Baptism. See Cate-chumen.—Hence. AUDITORIUM, AUDITORY, in the antient Churches, was that Part of the Church where the Auditores Rood to hear, and

be infirmeted. See CHURCH.

The Auditorism was that Part now call'd Navis Eachfur. See NAVE

In the primitive Times the Church was fo first in keeping the People together in that Place, that the Perion who went from thence in Sermon-time was order'd by the Council of Carthage to be excommunicated

AUDITORY, formething belonging to the Senfe of Hearing.

See HEARING.
AUDITONY, AUDIENCE, is also a collective Name, denoting an Alfembly of Persons, hearing, or attending to a Person who freaks in publics. See AREMENT, ORATION, C.
AUDITONY is also ided for the Sea to Flouch where a Magistrate, or Judge, heart Cause. See Breest.

At Rasse, the several Magistrates and Auditories or Seast of

Jultice according to their Dignity .- Those of the superior Offi-

cers were call'd Tribunales those of the inferior. Subfellia. See-RIBUNAL, & THISURAL, Or.
The Pedarse had their Benches or Auditories in the Emperor's Portico.—Thole of the Hebreus, at the Gates of Crues.—The Jogies appointed by the anient Lords distributed Julice under an Elin, which was usually planted before the Manor-House, and ferved them for an Indiana.

and forwed them for an Androity, a spire of Neeres enting from ATRITICAN NEWS, in Annual State of Neeres enting from ATRITICAN NEWS, in Annual State of Neeres and Entitle the other to the Tongue, Eye, drv. See East and Tostout. The first and prough Benach of the Androit News being dis-fained through the Ladystuch and Transpuram of the East, in the fained through the Ladystuch and Transpuram of the East, in the The Androity News result the feet reveal Congiguities. Secur-ing to the very of reclosing of the Moderna, and the fifth ac-ditional Conference of the Moderna, and the fifth ac-lation of the Moderna, and the fifth ac-ligation of the Moderna, and the fifth ac-lation of the Moderna and the Moderna of the Annual Conference of the Moderna and the Moderna of the Annual Conference of the Moderna and the Moderna of the Annual Conference of the Moderna and the Moderna of the Annual Conference of the Moderna and the Moderna of the Annual Conference of the Moderna and the Moderna of the Annual Conference of the Moderna and the Moderna of the Annual Conference of the Moderna and the Moderna produce of the Moderna and the Moderna produce of the Moderna and the Moderna and the Moderna produce of the Mode

ing hereby effetbilihed between them.—Hence it is that most Animals upon hearing any uncouth Sound, are found to credit their mila upon learning any uncount Sounds, are found to erect their Earn, and repeate men to cutch it; to copen their Eyes, to thank Earn, and repeate men to cutch it; to cope their Eyes, to thank to the earn of the earn of the earn of the earn of the or rettly their Danger; Accordingly moth Ansama when the top their Copen and their copen and the earn of the earn of the Dr. While cheleves a further side of the order of the earn of the early expected of with the Voice, by the help of the other. Cereb. Anat. C. 17

Meates Auditorius, or Auditory, Paffige in Anatomy. See MEATUR AVE-Maria, or Ave-Mary, the Angel Gabriel's Salutation of the Virgin, at his bringing the Trangs of the Incarnation; thus called, as beginning with those Words, Ave Maria, Hall Mary,

See Virgin, Annunciation, &c.

The Assessity is a Prayer or Formula of Devotion very usual in the Rough Church.—Their Chaplets and Rofules are divided into fo msny Ave-marys, and io many Pater-assfers: And bence που to mmy Ass-maryt, and to mmy Pater-nagters: And kence the Badis themsives, which indicate them, are also called Are's or Ass-mary's. See Charlett, Rodary, &c. AVELLANE, or Ord AVELLANE, in Herality, 'a Form of Croft which refembles four Falbends in their Hasks or Caies, joined together at the great Ead. See Cross 1.

Hence its Name; a Filberd in Later being New Avellana.—Syl.
Morgan fays, it is this Crois which Entigns the Mound of Au-

thority, or the Sovereign's Globe.

AVENAGE, in Law, a certain Quantity of Oats, paid to a Landlord, in hos of fome other Duties; or, as a Rent, from the

The Word is French, form'd of the Latin, sorms, Onts.

AVENOR, an Officer under the Mafter of the Horfe; who,
by Order or Warrant from him, fwears in all the Officers beof Order of Warner Halls

In John Stephes. See Master of the Horfe.

The Acrown also makes up the Accounts of the Stables, and iffues Dehentures for paying the Officers and Servant.

In a Stat. Car. II. we find the Acress mentioned as an Officer who provides Outs for the Stables.—In the Ros. Park. 1 R. 21. Edw. III. we also read of Avenue of the Queen, of the Prince, AVENTURÆ, in our antient Writers, fignify Tourn Military exercises on Horseback. See TURNAMENT.

AVENTURE, or rather ADVENTURE, in our Law Books. a mifebance, caufing the Death of a Man, without Felony; as, when he is fud only drowned, or burnt by any Milenie or Mif-chance, falling into the Water or Fite. See Misadventure.

AVENUE, in Fortification, an Opening or Inlet into a Fortafion, or the like Place. See FORT, BASTION, FORTIFICA-

streen, etc. The Word is form'd of the French Avenir, or Advenir, to ome to, to arrive at. See Appent.

Avenue, in Gardening, is a Walk, planted on each fide with Trees, and leading to some Phoe. See Vista. See also Grove, GLADE.

All Avenuer, Merthure fays, thould lead to the Front of an House, Graden-Gate, Highway-Gate, or Wood, and terminate in a Prospect.—In an Avenue to an House, whatever the Length

of the Walk is, it ought to be as wide as the whole Breadth of

of the Walk is, it cought to be as works as the whole Brendsh of the Front, and if wice, better.

AVERAGES, AVERAGEMS, in Lirav, that Daty or Service should be Central to top the King, or other Lood, by his most office of the Control of the Control of the Control of the Control is derived from the late Latin, Aversia, Cattle; or the Front, Owney, Work.

AVERAGE SI AND ASSESSED ASSESSEDATED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESS

in common.

Of the first Kind are all extraordinary and unforesten Expenses and Arcidente, betalling either the Ship. or the Goods, or both, the Coli in which Calcis, is to be wholly definyd by the thing or things which centinged it—Such as the loss of Cabries, Anchors, Matths, and Shili, by reason of Storms, etc. As also Engine accurate to Goods tarough their own Defectly, by written, Trainby evening Storms, Passes, etc. "The Salies' and Calcing the Calcing Storms of the Calcing Storms of Cabries and Calcing Storms of Cabries and Calcing Storms of Cabries and Cab Wages while the Ship is extraordinally detained by Embargo's, provided lie be hired for the whole Voyage, and not per Month. All these are simple or private Assystem, and not to be charged to the common Account.

For groß or common Average to have Place, the Author just mentioned, thews, 1°. That tomething must have been cast into the sea, see une out of abitotize Neccitizy. 2°. That the Commander have had the Condent of the Owners for 60 doing. 3°. That it have only been done for the Safety of the whole Single and latt the Ship have been faved in Contegence thereof, and fach Cisfe, all those for whose laterest the thing was call into the Sea, see to contribute to indemnify the Person whose Property it was: And every thing is to be taxed hereto, fo much as lewds, Gold, &c. nowithflunding they do not any way burthen the Ship; and even the Veffel it felf, but not Paffengers, nor

15. Ranold Christ. a Derschau in Nov. Let. Mar. Bal. To the occasions of common Average may be added, Com-positions with Pirates for the Ranform of the Saip; as also Ca-bles, Malts, Anchora, e/e. Joff or abandoned for the common Good, the Food and Phylick of the Saitors wounded in Defence of the Ship; and the Pay and Provisions of the Crew when the Ship is arrefted or put under Embargo by order of a Paince, pro-wied it were hired for the Mouth, and not for the whole

Vorage.

Average is more particularly used for the Quota or Propor-tion which each Merchant or Proprietor in the Ship or Lousing is adjudged, upon a reasonable Estimation, to contribute to a is adjudged, upon common Average

VERAGE is also a little Duty which those Merchants who PREADURE S AND A HUME DUTY WARD ROSE METCHANG WIND find Goods in another Man's Ship, pay to the Malter thereof, for his care of them, over and above the Freight. See Francier. Heece, in Bills of Lading it is experied.—Paying to much Freight for the faid Goods, with Primage and Average accu-

AVER-CORN, in antient Writings, fuch Corn as by Cu-flom is brought by the Tenant's Carts or Carriages, to the Lord's

AVERIA, in our Law Books, properly fignify Oxen or Horfes used for the Plough; but in a general Sende, say Cattle. When mention is made of one Beath, they say, Quides spans, tol guides Bay: When of two, or more, they do not say Equi

AVERMENT, in Law, utally fignifies an Offer of the De-feadant to make good, or justify an Exception pleaded in Abste-tions or Bar of the Planusif's Action.

The Word also figuities the Act as well as the Offer of justifying the Exception

Averages is two-told, general and particular —A general Aver-ment is the Conclusion of every Pien to the Writ, or in Bar of Replications, or other Pleadings; (for Counts, or Avowries in name of Counts, need not be averred,) containing Matter affirmatire, ought to be averred with an bee paratas of Verificare.

Particular Aversarat is when the Lufe of a Tenant for Life, or Tenant in Tail, is averred, Sec. And an Aversarat contains

on account to Table is accorded, Sect. And an Accordance contains a well the Matter as the Form thereof.

AVER'NI, among the antient Naturalith, certain Lakes, Oroxolo, and other Places which infect the Air with polifonous Steins or Vapours; call'd also Mephotes. See Mepsitres, Are, Processor Vapours; call'd also Mephotes.

The Word is Latin, form'd of the Greek privative, a

My Bird; as intimating that Birds could not fly over them, but drop'd down deed. Sorrw are faid to be frequent in Hangary on account of the shundance of Mines therein. See Mane and Maneral.

The Grotta dei Cari, in Italy, is famous See GROTTA, Ex-ATION, OY.

But the most celebrated Average was a Lake near Baya, But the most celebrated Aversas was a Lake near 1838, as Cansasia, by Strafe cell'dt the Learine Labs, and by the Italian Goographers, Lags & Tripergola.—The Pames it emitted are traperioned by the Antients as of 6 mailgant a Nature, that Bed could not 8y over it, but find down dead; which from later Wisters have choic to attribute to this, this the falpharous Efflatyin hereof, not being of considerace to foliatin the Birds, they

drop'd by their own Weight uround by their own Wesgat.

This Circumstance, joined with the great Depth of the Lake, occasioned them to take it for the Gaze or Entrance of Hell; and accordingly Virgil makes Absent descend this Way to the Intrance of Hell;

AVERRUNCI, in Antiquity, an Order of Deities among the Romans, whose Office was to avert Dangers and Evils. See

The Greeks call'd this Species of Gods, "Advisumen, or "Assense. man; and their Feaft Assurance: Sometimes, Assurance.

The Egyptian had also their Dit Assurance, or Apotropol, who were pattured in a menacing Posture, and sometimes with Whites

in their Hands—If was a Divinity of the Kind; as it forwing to their Hands—If was a Divinity of the Kind; as it forwing to Kinds.

AVERPENT, a. d. Average-petty, Money contributed towards the King's Average; or Money given to be freed thereof-

See AVERAGE AVERSION. See ANTIPATHY.

AVERY, a Place where Outs, or Provender are kept for the

AVERY, a Price where Oats, or Provender are kept for one King's Horkes. See Averan. A UGES, in Altronomy, two Points in a Planet's Orbit, otherwife call'd Applies. See Averans.

One of the Angre is particularly decommented the Applies, the other Project. See Avoorate and Persones.

AUGMENT. See AUGMENTATION.

AUGMENT, AUGMENTUM, in the Greek Grammar, an In-crease of the Quantity, either of a Letter, or a Word. See QUAN-There are two Kinds of Augments.—Temporals, or of a Letters, when a thort Vowel as changed mee a long one; or a Dipthong

into another longer one; thus call'd by reason the time of its Pronunciation is now lengthened. Augmentum Syllabicum, or of a Syllable, is when a Letter or Syllable is added at the beginning of the Word; to that the Num-

ber of Syllables is enlarged.

AUGMENTS, in Mathematicks. See INCREMENTS, FLUXI-

AUGMENTATION, AUGMENTATIO, the Ad of augmenting; that is, of adding or joining formething to another, to render it larger, or more confiderable. See ADDITION, Ac-

CESSION, ACCRETION, AMPLIFICATION, &c.
AUGMENTATION is also nied for the Augment; i. e. the
Additument, or the thing added. See Additument, Accession, &c.
Such a Minister petitioned the King for an Augmentation of Salary, of Wages, &c.

AUGMENTATION was also the Name of a Court erected un der Hony VIII. to the end the King might be juffly deals with, touching the Profit of fuch Religious Houfes, and their Lands, as were given him by Act of Parliament the finne Year.—This Court was diffoly'd under Queen Mary, by the Parliament held the first Year of her Reign; but the Office of Augmentation remains to this Day

The Court took its Name hence, that the Revenues of the Crown were thought to be much augmented by the Suppression of the find Houses; many for which the King referved to the

AUGMENTATIONS, in Heraldry, are additional Charges fre-quently given as a particular Mark of Floriour, and generally born either on an Efeatcheon, or a Canton —Such are the Arms of bore by all the Baronets of England

capers, some by all the Baronets of Regland.

AUGUR, in Autiquity, an Officer or Minister among the
Romans, appointed to observe the Chattering and Feeding of
Birds; and by means thereof, form Conjectures about future
EVENTS. See AUGURY.

The August made a College or Community, which at first consisted of three Performs, then four, and lately nune; four of them Patricians, and five Plebians.—Clears was of the College of Amours. See College.

They bore an Augaral Staff, or Wand, as the Enlign of their

The Word Augur is derived from Avis, Bird, and Garritus,
Chattering. Prays derives it from the Celoc Au, Liver, and
Gur, Man: So that according to him, an Augur is properly a

Gar, Mint: Do that according to him, an Anger B properly a Perfon who injects the Entrails, and drivines by means of the Liver: Others derive it from the Arabid Oger, good Fortune. Angers, properly freshing, differed from Anjews, and Angers from Anjews, in that the former was in thirdness continued to the chirping of Birds, and the latter to their Byrng, fielding, & See

AUGURY, in Antiquity, the Art of divining, or foretelling wents, by the chattering, linging, and feeding of Birds. See Divinarion and Augur.

DIFFIRST TON and ADOUR.

The Observation of Angeris is very anient, as having been probabiled by Mafer in Leviliar—The Cup put in Barqueris Sock, in Eggs, was that wide by Toffs to take Angeris Dyllar in the Company of the Company

the Air; Hydromancy, or Angary by the Water; and Geoman-cy, or Angary by the Earth. See Aeromancy, Pyromancy, clothed in white, excepting their Cope, which is black—At Pa

The particular Branches are, Aleisonomancy, Authropomancy, Вебопату, Сагорговану, Серпонату, Сарговану, Сестор Вебопату, Сагорговану, Сестор Вебопату, Серпонату, Сестор Вебопату, Сестор Вебопату, Сестор Вебопату, Сестор Вебопату, Сестор Вебопату, Сестор Вебопату, Сестор Вебоп

described under its proper Article.

Cierro, who was one of the College, wonders how two Au pers could meet without laughing at each other; by which it ap-pears what Ogiainn he had of the Art.—And yet no Affair of Moment could be refelved on without first consulting them; and forment could be releaved on without intit confusing them; and or Advice, be it what it would, was, by a Docree of the Seate, enjoin'd to be exactly and religiously performed.
AUGUST, AUGUSTUS, formerching majetickly, wenerable, faced. See MARESTY, cfx.
The Title Angular was first given by the Remark Senate to

The Title Magatar was tritt given by the Roman centace to Odassias, after this being confirmed by them to the Sovereign Power.—It was conceived as expecting formething divine, or e-levated above the Pitch of Mankind; being formed of the Verh augos, I grow, Increase; I saw support homeomorphism and the The Succeffers of Angelian altitude the fitne Quality; for that these formatic Emperors and Analogue wave the firms than Them. thence-forward Emperor and Arguftus were the fame thing: They

thence-torward Emperor and Jacophar were the lame rung: 1 key became fynonimous Terrus, See Emparon.

The prefumpure Heir of the Empar, or he who was de-fined to fucced to the Dignity, was inthe created Cafar; which was a ftep necessary to serive at that of Angillar or Emperor—

was a flep needfay to arrive at that of designer or kimpton e-yet of Fagr mannian the Convertie, evic. that it was needfary to be designer, previously to the brang Caffer. See Catara. M. Fleckers observes, that the Emperor Faderishas proclaim-ed his Brother Fadera, designer, which and never been prelimed obtone—The added, that Alexan derrias, upon his facecoding to demensary, numediately existed to Form, both Caffer and Angelow. This was the first critical to Form, both Caffer and Angelow. This was the first created I. Frans, both Coeffe and Anoghr. This was the first time the Remain and known two Angoli at once; for which redien the Yer when it was done, via. 16s, was mark? in the time of the time of the time of the time of the time It was a furprising Speciale to the Popple of Rem to the themselves governed by two Sovereigns, after for much Bood fighter not Chouce of a fingle Matter. The Emprecial side took the Quality of Angolie; and even form Ladice of the Importal Family, who had never been Wiers

of Emperors.

On Medals and Coins, fome of the antient Kings of France On Medials and Coins, fome of the antent Kings of transer and found with the Appellation Appells; principally Child-bert, Otthaurs, and Chester, add that the Wife of this life, Chrosto-thalis, is also Calif by Haris, in his Book of the Marcels of St. Germain, indifferently, either Angels, or Olives. The Efferth Advantura, is the Hilbry of the Ressas Empe-tors from the time of Advant to Garbons, competed by far Latin

AUGUSTALIA, in Antiquity, a Feast instituted in Honour the Emperor Angular. See France. This Festival was first established after he had ended all his Wars,

and fettled the Affairs of Snily, Green, Afia, Syria, and the Par-thues:—The Day whereon he made his Entry into Rowe, was appointed to be kept a Feaft; and was called Angolfalis.

AUGUSTALIA WAS alio a Name given to the Games cele-brated in Hocoru of the fame Prince, on the 4th of the Ides of Offshor. See GAME. See alio AUGUSTALIS. AUGUSTALIS, in Antiquary, a Name given by the Romese *2. to thole who led the first Ranks of an Army; a*2. to cer-tain Magistraces in Civits; 3*3. to all the Officers of the Empe-

ror's Palace. The Governor or Prefect of Egyp is particularly called Augafalis, or Prafellus Augustalis; as being first established by Augafas; after the Defeat of Mark Authorsy and Clopatra. He refield at Microsofra.

August allts was also a Prieft or Pontiff, invested with the Di-

AUGUSTALLS was also a Priett or Postifi, inverted with the Di-rection and Superintendency of the Games performed in Hosour of Angalas. See Gams, Powrrey, 6-2.

The Angalas's Death; as is observed by Therias, immediately after Angalas's Death; as is observed by Therias, immediately after Angalas's Death; as is observed by Therias, immediately after Angalas's Death; as is observed by Therias, immediately after Angalas's Death; as observed the property of the Angalas's, whence they were called, Seein's Angalas's.

A LIGHTS AND Confession and Confession of Visits and

AUGUSTAN Confidence was a Confedion of Faith, made by the the satient Reformers at Augusta, or Augusta, in Germany. See Confession, Reformation, Protestant, Lu-THERANISM, C

Augusts, in Chronology. See Month.

AUGUSTINS, an Order of Religious; thus called from St.

Angalim, whose Rule they observe. See Order and Rela-

The Augustu's, popularly also called Augin Pryars, were originally Hermits, whom Pope Alexander IV. first congregated into one Body, under their General Lamfrans, in 1256. See HER-

MIT.

The Angulius are cloth'd in Black, and make one of the four Orders of Mechicans. See Mandicant.

From their arole a Reform, under the Denomination of Bareford Agriculture, or Human. See Minor and Mandicant and Minor and Mandicant and Minor and Minor

MINORITE.

restricted in white excepting their Cope, which is back.—At Pa-rs they are known under the Denotunation of, Religious of Grant-westers; that Abby being the Chief of the Order. See Given-

VIEVE.

There are also Angostions, or Noas, who observe the Rule of St. Angoston. See RELIGIOUS and NUN.
The AUGUSTIN of Jangolius is a celebrated Treatile of that Author, Bilhop of Igers, entitled, Cernili Janford Epstoni Igressis, Angostonia; the list Tome whereof concurs a Different against Palegassaylius, and the fecond civers Treatiles of Realings the use of Authority in Theological Matters; the State of Impoemes; full of Nature by Sin, Grace, & e.—From these several Tremites were collected the five famous Propolitions, commercial under 10 Articlo JANSENISM.

AU-GUY-I'AN-NEUF, or AGUILLANNEUF. See MILLE-

AVIGNON-Berry, call'd alfo, French Berry, is the Fruit of a Shrub, by fome Authors call'd Litam; growing pleanfully near Anlgoon, Sec. in France. See Banky.

The Burry is somewhat less than a Pea; its Colour Green, approaching towards a Yellow; of an aftrogent and bitter Tafte.

—It is much used by the Dyers who thin a yellow Colour with ; and by the Painters, who make a line golden Yellow of it

AULA, in our antient Law-Books, fignifies a Court Baron.

Ada ibiden tenta quarto de Angolf, Scc. Soc Baron.

Anda Endofie is what we now call Navn Ecolofie. See Navn.

AULIC, AULICA, an Act which a young Divine maintains in fome foreign Univertities, upon the Admittion of a new Dofit is to called from the Latin, Aula, a Hall; it being in the Hall of the University that this Act is usually held. See Unit-

VERMITY, DEGREE, DOCTOR, &c.

The Person who presides at the Disputation is the firme, that its to take the Doctor's Cap.

AULIC, AULICUS, is also a Name attributed to certain Officers of the Emperor, who compute a superior Court or Coun-cal, which has an universal Jurislaction, and without Appeal, o-ver all the Subjects of the Empire, in all Processes entered there-See EMPEROR and EMPIRE.

We say Aulie Council, the Aulie Court or Chamber, Aulie

We say what Counter, use were Loons to LEMENCE AND TO THE ABOVE COUNTED TO THE ABOVE COUNTED

I hely are divined into two benenes, one whereor is taken up by Nobles, and the other by Lawyers—They hold their Alkembly in the Prefence of the Emperor; and for that region are called Tylinium Ingerators, the Emperor's Tylin; and Anto-Canani, because theirs follows the Emperor's Court, Anto, and this is Refisience in the Pince where he is—This Court calches a fact, with the Court calches a fact, with the Court calches a fact, with the three courts. its Refidence in the Place where he is —This Court cashless lutle with the Imperial Chamber of Sparry, in that they are pre-ventive of each other. It not being allowed to remove any Can't from the one to the other. See Interest. It REALINE. Nor can the Emperor himself binder or furfaced the Decision of the Court of

of either Court; much less call any Cause before hanself which of eicher Court; misch leis call uny Clufe before hanfelt wiecht no een been beiset hen; unbaue the Confiner or the States no een bei beiset hen; unbaue the Confiner or the States making any premptory Considera without the Engerory Fattischmin, wit only Decrete than, Fatt Fattes and Colpenson Handington, and only Decrete than, Fatt Fattes and Colpenson Handington, and the Confiner Confiner than the Confirmation than the Confiner than the Co

of the Donor's Soul See Tenure.

AUMONIER, or ALMONER. Soe ALMONER.

AUNCIENT Demain. See ANTIENT Demain.

AVIARY, a House or Apartment for the keeping, feeding,

AVIARY, a House or Apartment set the stepanty recommend propagating of Brid. See Bird.

The Weed is formed of the Latins, Acin.

The Weed is formed of the Latins, Acin.

AUNCELL-Weiges, now, J. Handle Weight, it is kind of Bellunce, considing of Sciles hunging on House failted at each End of a second which a Min Into upon hat Finder of Fore-fingers, and the Charles which a Min Into upon hat Finder of Fore-fingers, and the Charles which a Min Into upon hat Finder of Fore-fingers, and the Thing weight. See Baltanary, the Weight of the Propagation of the Propag

and the Imag weight. See Ballance.
There being great Deceits practiced in these Weights, they
were problemed by several Statutes; and the even Billince alone
commanded. See Weight and Standard.
The Word is still used in some Pars of England, to fignify
Meas fold by possing in the Hand, without putting it into the
Scaler.

Scales AVISO, an Advice, piece of Intelligence, or Advertisement; to notify forme Event, or Matter worthy of Knowledge. See

ADVERTISEMENTS &c.
The Word is Bahan, and is whicely used in Matters of Com-AVO.

AVOCATORIA, a Mandate of the Emperor of Germany, disected to some Prince or Subject of the Empire, to stop his un-liantal Proceedings in any Cause brought by way of Appeal be-ture him. See EMPEROR and EMPIRE.

AVOIDANCE, in Law, has two Significations: The one when a Benefice becomes void of an Incumbent; the other wased we fay in Plendings in Chancery, confelled or available

traversed or densel, & s. See Voidance.

AVOIRDUPOIS, or AVERDUPOIS Weight, a kind of Weight afect an England; the Pound whereof contains fixteen Ounces.

See WEIGHT. The Proportion of a Pound Awardyou to a Pound Trey, is

The Proportion or a Pound rewayspart to a Pound 1999, is 1 yro 14. See Troy, Pound, and Ounce.

All this larger and courfer Commodities are weight by Assayer Weight; as Grocettes, Cheefe, Wood, Lead, Hops, & Bakers who live not in Corporation Towns, are to make the

Bread by Avarshpur Weight; those in Corporations by The Weight.—The Apothecemes buy their Drugs by Avershpur, by fell their Modscines by Tray.

AVOWEE, ADVOCATUS. See ADVOUEE and ADVOCATE.

The Assume is he to whom the Right of Advowsion of an The Assuce is be to whem the Right of Advoysfin of an Church belongs, fo that he may present thereto in his own Name: he is that called by way of Deltinchion from those who tometimes present in another Man's Name, as a Guardian the present in the Name of his Ward; as also from those who or

Lie, or Years, by Intration, or Deficitin

AU PIS ALLER, a Freed Phrase, formetimes used among Es

 Writers, fignifying, at the word.

AURA, an eary Exhibition, or Vapour. See Vapour ar EXHALATION The Word is Later, deriv'd from the Greek Hops, gent

AUREA Alexandrana, in Pharmacy, a kind of Opiate or Ar tidote, in great Fame among the antient Writers.

See ANT It is called Arras, from the Gold which enters its Composi-on, and Alexandrosa, as having been first invented by a Physic on named Alexandro.—It is reputed a good Preservative again

e Colick and Apoplexy.

AURELIA, a Term used by natural Historizes for the firposent Change of the Erms, or Maggot of any Species of In

See Insect. Arrelia is the fame with what other Writers call Nympos. So

NYMERIA, the Crown of Glory given by Painters ar Satuaties to Saints, Maryre, and Coaleffors; as a Mark of the Videry which they have obtained. See Crowns. F. Simsand fays, the Cautom beroof was borrowed from the Bestpass, who ard to encompass the Heads of their Decites with

the Word Acresla, in its Origical, fignified a Jewel which was proposed as the Prize of a Dilpute; and was given as the R. was of Victory. Among the Ressill School-Divines, Aeresla is supposed to 1 4 special Ressard bestow'd on Martyrs, Vingins, Doctors, and

or Stims, on account of their Works of Supercrogation, AURICHALOUM, is a factitious Metal, popularly call Broft. See Bit ASS.
The Aurithalians is a Mixture of Copper and Columine-flor

melted together by a very vehement Fire, in Furnices made of apole. See COPPER and CALAMINARIS. AURICLE, AURICULA, in Anatomy, the external Est;

that Part of the Ear which is prominent from the Head

The Word is a diminutive of Acris, Ear; q. d. Ettle Ear.

The Word is a diminutive of Acris, Ear; q. d. Ettle Ear.

Parts through, their Nawer, &c. fee Ear.

MURICE is 160 applied to two Appendages of the Hear; b

18 to omnicalit Caps, covering the two Ventricles thereof. S

VENTREEE.

Vertrace.

They move explainly like the Heart; only in an inverted O dra; their Sythole corresponding to the Dialtole of the Head of the work. See further of their Strudture and Office under the Article Haart. See also Systron. and Diaston. 6. AURICULA, Judas, or Judy E. Er, a kind of Fengus Madacom, refembling in Figure, a human Ear. See Fuxon. and MUSIROOM

it grows on old Elder Trees, which is the Tree whereo to the Name.

This Funges (teep'd in Water, and applied to the Eyes, fit them of Indian maxious: 'Tis also used Gargle-wife in Decode on, again Inflammations of the Throat, or swelling of a Torific.

AURICULAR, AURICULARIS, foreching known or learnt city by the Ears. See EAR. Thus we say an Advisable Winefe Aurists Tofth, a Witness by hearing. See Witness, Evidence, Testimony, &c.

AURICULAR Confession. See Confession.

The Me Finger is also call'd Australaris, because used in AURIGA, in Altrocomy, the Wagowr; a Confiella ion of fixed Stars in the Northern Hemisphere. See STAR and Con-STELLATION.

The Surs in the Confiellation Awiga, in Ptolony's Catalogue are 14; in Tycho's 23; in the Britanus Catalogue 68; the Longitudes, Latitudes, Magnitudes, Ov. are as follow.

Stars in the Confiellation AURIGA.

	Start to the Confiella	UAS.	8 B	UR	GA.					
28										
y-	Names and Situations of the Stars.	Sign.	Lon	gitu ,	de.	La N	citu orth	de.	Mag	ţn. rc.
T.	Proced, over the North Foot	_		12	"				6	
	Mid. and South over the Foot	ш	11	40	10	14	52 1	38	6	
оy	In the Heel of the North Foot		11	10	95	10	•4	62		3
ut	Last of three over the Foot		12	49 19 18	33 64 48	14 10 15	04	25	٠,	5
			13	41	38	16	32	14	5	
	F		- 3	٧.	40		,-	~~		
y	,		13		35	16	48	00	6	
'n	In the proced, Cubit		14	77	09	10	70	33	4	
ю	Against the Hand, praced. Halus		14	31	57	18	10	-3	7	
22	Paris III Paris III III		16	20	27	+8	33	20	4	
2-	Subfeq. Hadus		15	06	6	18	15		4	
of	10		-		/- I		-	~	•	
U	South of three in the Loins		16	15	17	15		:8		
			17	32	22	23	10	07	5	
5-	Bright one of the Fore Shoulder, ?		17	31	33			47	1	
	Capella			11	10	0	24	13	6	
be	Middle one in the Loins		17	18	54	9	88	39	5	
	16							"		
åe.	MadadaCommission at a prince? South.		16	49	17	10	12	20	6	
	Nebulas against the Hips South.		16	53	03	10	20	44	7	
n-	Northern ones in the fame Sab feq.		17		13	10	48	00	7 6	
7-	Sab icq.		17	15	18	1.0	46	03		
-	North of three in the Lorns		18	10	58	18	34	24	6	
i-	10									
į.	Sableq, in the Hip		18	16	49	14	07	31	5	
ıft			17	36 13	57	5	43	93	7	
uc	Bright one in the South Foot		18	13	20	5	21	34	2	
£	In the Fore-thigh		18	53	40	11	10	20	5	
	In the Fore-knee		19	50	21	0	50	44	5	
Ω-	25		2.1	02					6	
	Section of Street and the			06	46	7	29	27		
ce	Inform. 1l. Touri 116th In the Neck			-00	56	.6	22	23	6	£
	III the Neck		43	16	30	16	04	7.0		
ıd	Przced, in the Hind-Arm		12	30	15	10	43	40	7	
be			٠,	3-	٠,	''	72	4-	1	
	North in the Head		+4	50	04	32	13	30	5	6
he	In the Hiod-thigh			50	+6	32 13 15	m	22	6	
th	Subfeq. in the Heed-Arm			67	25	20	2.	06	5	
	South of two in the Head			26	22	20	40	00	4	
cb	Brighter one in the Hind-shoulder		25	57 36 35	22	30	18	10	1 7	
e-	25				,				1	
~	A leffer one contiguous to that		25	40	12	22	27	52	6	
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AURIPIGMENTUM, call'd also Orpinent. See Orpi-

AVOWRY, in Law, is where one takes a Diffress for Rent AVOWRY, in Law, is where one take a Dilettic for Rent or other thing; and the other files Reychot. In which Califfe the taker failing pairs, in his Pen, for what Canife be took it: A fail if king with a Canife he took it in the Right of another, when he has fleered the Canife, he is to make Committee of the taken fair forwary. If he took it is the Right of another, when he has fleered the Canife, he is to make Committee of the taken is being a Bull if every and the Canife C

AURISCALPIUM, an Infirument wherewith to pick and cleanfe the Ear from Wax. See Ears. Carthern, &c.

The Word is compounded of the Latin, Aaris, Ear; and Scal-

I fcratch AURORA, Crepafialoro, Twilight; that faint Light which begins to appear in a Morning, when the San is within eigh-teen Degrees of the Horizon. See Crepusculum and Twi-

LIGHT The Poets have personified, and even made it a Goddels; re

prefenting ber with a Chariot, roly Fingers, &r.

Rical derives the Word, ab Oriente Jose Suna are averfit.

AURORA Borealis, or AURORA Septentrianalis, the Northern Dates of Light; is an extraordinary Meteor, or luminous Ap-pearance, thewing it felf in the Night Time, in the Northern Part of the Heavens. See Meteor.

Part of the Heavens. See METEOR.

"Tis nitally of a reddift Colour, inclining to yellow, and fends
out frequent Coraleations of pale Light, which form to rife
from the Horizon in a pyramidal undulating Form, and firske,

with great Velocity, up to the Zenith.

This kind of Meteor never appears near the Equator, and was I has kind of Meetor never appears here the Equistics, and was for are in England, that now are recorded in our Annals fince that remarkable one, Novemb, 14, 1574. Ill the farpring Awara Brands, March 6, 1716. which appeared for three Nighes Incocclively, but by far now fitroply on the first.—Indeed, in the Years 1707 and 1708, five finall ones were obberved in little more than eighteen Me Hence it should seem that the Air or Earth, or both, are not

at all times difpor'd to produce this Phansmenw; for rhough 'tis possible it may happen in the Day-time, in bright Moon-shine, or in cloudy Weather, and so pass unobserv'd; yet that it should or in cloudy Weather, and so pais unoblered; yet that it should appear so frequent at force times, and so leddon at others, cannot well this way be accounted for.—That in March 1716, was wissle to the West of Irridan's, Confines of Resilva, and to the East of Paland; extending at least near 30° of Longitude, and 50° in Latitude, that it, over almost all the North Europe; and in all Places at the same time, it childred the like wondross Circumstances

A fufficient number of Onfervations have not yet been made by the Curious, to enable them to affign the Cause of this Phas-sources, with any certainty.—Dr. Hally, however, imagines summar, with any certainty—19-1. Hally, Moderly, insupera-reneura Fine, and integral with eightenine Steering, which Ania-rable Report to be the Cash of Larthquaines may aid to the fine of the Cash of Larthquaines may aid to the fine of the Cash of Larthquaines may aid to the fine of the Larthquaines of the Larthquaines and which externing this is not free bondern Folic, guillo oct again Northern, the obligatory of in Direction these previous of the to Editates from the Pale. This father, Martin, who becoming may be explained opposition from Integral Cash of the matter of Editions from the Cash of Larthquaines and through and the Cash of the Cash of the Cash of the Cash AUR (MM) in Nitsun Hallery, cold. See Gazan, where Cold is the fitting or principal Espective—Cash are the darent policies, and the Cash of Cash of Cash of the Cash where Cold is the fitting or principal Espective—Cash are the darent policies, driven plantame, Occ. that watery Vapours, or Efflavia, rarified exceedingly by f

PROU FULMINANS.

It is inflammable, not only by Fire, but also by a gentle Warmth; and gives a Report much loader than that of Gun-

powder.

Its Effich is commonly faid to be principally downwards; in
the Effich is commonly faid to be principally downwards; but this
rather feems a vulger Error. See CON-revowner.

A Scruple of this Powder acts more forcibly then half a Pound
of Cun-powder: a fingle Crista hald on the Point of a Knife,
and lighted at the Canale, goes off with a greater. Notic than a

and institute at the Canades, goes off with a greater Notife than a Mustet.—It is fail to confine even to the very laft Avata starfally, Perabir Golds, is a Composition made of Golds, by reducing it, without any Corrollers, into a Gams, of Sub-flance like Honey, of the Colour of Blood; without Gum Reped in Spirit of Wine, acquires a Ruby-colour, and is call'd Institute of Gold.

An Ounce of this Tindeure, mix'd with fixteen Ounces of another Liquors, is call'd drawn patable, because of its Gold-colour; and its fid to be a fovereign Remedy against several Disease. See Fasable Gold.

caici. See Passis Gonn.

A modern Physican has alfered that Gold is a Refin drawn
A modern Physican has alfered that Gold is a Refin drawn
A modern Physican has alfered that the contract of the contract has the contract of the contract have not larged into one mother; but that covery Menditeum or Diddlebern cought to be alter from 26 bell of the fine the day with the contract of the contract have not larged into one mother; but that covery Menditeum or Diddlebern cought to be alter from 26 bell or of the fine the day with the city is u act

apon. The fame Auction observes, that Bland and Urine sumsish a Sal Amountat, which mingled with Apon-fortin, acts upon Gold; whence he conjectures, that there may be a conforminy of Nature between Gold and Blood; and that by consequence, Gold well opened and substitied, might produce a Resin, and a Fire that would assenge the Blood.

that wou'd augment the Blood.

AURUM Molecow. See Mosare Gold.

Awrum Miljacows. See Monan Guld.
Awrum Miljacows. See Monan Guld.
Awrum Miljacows is also a Preparation in Pharmacy, thus called from its galaten Colour and Appearance. It is made of Mercury. This, 3st Ammeriast, and Reviews of Sulphin, by grindeng, mixing, then fetring them three Hours in a Simil Heat—The draw Miljacows in Journal draw Sulphines being taken of the Amero Miljacows in Journal of the Bottom of the Martin.

It is recommended in mode Chronical and nervous Cafes; and

at the Bottom of the Martin.

It is recommended in model choiced and nervoca Cales; and

It is recommended in model choiced and nervoca Cales; and

ARUSA (Figure 2. See Queue Cale

ARUSA (Figure 2. See Queue)

ARUSA (Figure 2. See Q

cout, would prove happy or unfortunate. See Auspices and Play attributes the Invention hereof to Trefar the Techan

AUSTERE, implies a rough, aftringen: Tafte; such as that f Vrant, &c. See Taste.

Aufter things differ from acerb or four ones; in that they con-fringe the Mouth and Tongue forney, har lets, and are devote of

Acidity. See Acers, The Word comes from the Greek, sorrely,

The Word comes from the Great, descript.

AUSTERITY, AUSTERNESS of Tayle, that which descentments sipol Body, deflow, See AUSTER.

Corrige and Deportment as the signate Security, or a sigil

Thas we fary, Auftern's of Adments, the Auftern's of the Momarket Lie. The Augusty of the Remes Contain text the Pos
culture Lie. The Security of the Remes Contain text the Pos
culture Lie. The Security Auftern's of the Cartelages as prepared to the Cartelages as prepared to the Cartelages.

The Security Australia of Cartelages as proposed to the Cartelages as the Cartelages.

AUSTRAL, AUSTRALIS, the fame with Southern. South and Southern.
Thus, Anglinal Signs, are the fix last Signs of the Zodiack; so

called, because they are on the South-ine of the Equinoctial. The Word is derived from Aufter, the South-Wind.

AUSTRALIS Pefeis, is a Confeditation of the Southern Hemighere; not whole in our Lantude. See Constallation.
AUTHENTICK, AUTHENTICE, furnething genuine, and
of good Amborey; in opposition to what is fictimous and fru-

It also fignifies fomething solemn, and celebrated; cloth'd in its Formalities; and atteited by proper Persons to whom ere-

dit has been regularly given. dn has been regularij given.
In the Senie we Isy, the Truths of Christianity are founded
on Authorite Teltimonies, &t.—Authorite Papers, Inframents.
—The Noblity, and Perfons of Rank, were particularly called
Authorite Perfous, as being impedied more deleving of Credit

The Word is Greek, 'Astornes; q. d. cam Authoritate.

AUTHENTICKS, AUTHENTICE, in the Civil Law, is a Name Clock, Watches, &c. See Spaino, Pendulum, Clock, Watches, &c. The Redison the Denomination is not well known—Aliast The Redison the Denomination is not well known—Aliast The World is Great, signature, compounded of signs, sign, and

The Reafon of the Denomination is not well known—range will have it to baye been fifty given them by Adamfus. They were Originally composed in Greek, and afterwards tran-dated into Latin by the Pattician Julius, who sifts reduced them into fewer Words and left Compais—In the time of Bulgaras, ore wars fecond Verion made, more exact and literal, though not lite fo elegant as the former.

This Translation, says the Author just cited, being prefetred by Accurfue, he call'd it the Authorities, by way of preference over that of Julius, as being more conformable to the Origi-

The Authenticks or Novels are divided into IX Colletions, or

The Authorities or Novem are carried into an Continuous, or Chapters. See Chapters, Continued in the produced any thing; and is applied by way of Emisience to the fifth Cande, viv., God.—Than we say the Author of Nature, Cr.

furt Caufe, vin. God.—Thas we say the Anthor of Nature, &r. See Causs, Goo, NATURE, & &r.

The Word is Latin, found of the Gree, were, 19ft.

The Term Anthor is fonemittene also used in the same Sense with Investor.—Psychot Prigit has wrote cight. Books of the Anthor or Investors of things, &r. See INVENTION.

Pythagwas is held the Anthor of the Dogms of Astronyfithago.

See METEMPSYCHOSIS, &v. AUTHOR, in Matters of Literature, is a Person who has wrote or composed some Book, or Writing. See Book, WRITING,

Thus we say the ficred Authors; anonymous Authors, &cc.—
The Latin Authors pilliged the Greeks, &cc. See Anonymous,

An Original Author is he who first treated of any Point or Subject; who did not follow any other Person, imitate any Mo-del either in the Matter or the Manner of what he has wrote.

See ORIGINAL,
AUTHORITY, AUGTORITAS, a right to command, and
make one's left obeyd. See POWER.
In this Senfe we lay the Superme or Sorging Authority; Abfolute or Defonic Authority; the Royal Authority; the Epifloopal
Authority; the Authority of the Church; of a Faiter, &r. See
SURERIN, SOUTHEROM, POTAL, DESPUTE, etc. See also ju-

RISDICTION, GOVERNMENT, & AUTHORITT, is also used for the Testimony of an Author, or

Writing. See Testimony.

The Word is also particularly understood of an Apophrhegm.

Scrience of feme great or eminent Perion, quoted in a Difcourfe, either by way of Proof, or Embellithment.

The Term also includes Rules, Laws, Caroors, Decrees, Declinos, etc. alledged in Confirmation of a Matter in Diffuer.

See Confirmation, &c.

Passiges quoted from Aristotle are of great Authority in the Schools: Texts of Scripture are of decisive Authority. Authorities make a Species of Arguments call'd by Rhetorici-ans, inartificial, or extremos Arguments. See Argument.

ans, instituted, or extrapt argument. See Ardunert.

For the Ug and Egift of Antonium, the Evidence, Reason,
Probability, Faith, Revelation, de:
AUTOCEPHALUS, a Person who is his own Chief or Mafer, and has no other over him. See Aceptalus.

The Word is compounded of the Greek down, ight; and supach,
Countiland.

Capat, reso.

This Denomination was given by the Greek to certain Arch-bithops, who were exempted from the Juristickion of Particles—Such was the Archbithop of Cypen, by a general Docree of the Council of Epi-fix, which freed him from the Juristickion of the Particle Council of Epi-fix, which freed him from the Juristickion of the Particle of Ambel. See Agentsassor, Partaketts,

Ort.
There were fevent other Biftegs in the Eath, who were distable and in the Width, batter of Revenus premitted to the
strength of the Width, batter of Revenus premitted to the
strength of the Width, batter of the Width,
and the Strength of the Width, batterly as intensing, the
strength of the Width, batterly as intensing, the
strength of the Width, batterly as intensing, the
strength of the Width, batterly as the Middle of the
All PORAPHY, Automaters, the very Hand-writing of
any Pacifica Cor the Organi of a Trentic, or Discontingorder to the Organi of a Trentic, or Discontingtion, which were the Middle of the Width of the Width
and Width Width
and

The Word is form'd of the two Greek Words dorse, and

The Word is tourid or the cuto some Wound arms, man ALTOMATON, or Armotastrus, a foll-moving Engine, or a Mediniae which has the Planciple of Motion within a few Macrosses and Morrison.

See Macrosses and Morrison.

And Morrison of Motion of Motion within a few Motion of Moti

Apol. c. 10. §. 1.
Among Automata are reckoned all Mechanical Engines which
leaded within them: fuch are go by Springs, Weights, &c. included within them; fuch are The Word is Greek, streparts, compounded of stree, ipfe, and

parm, facili; whence arranors, fontanon.—The Cartelians maintain Brates to be mere Automata. See Cartestanism.

AUTOPSY, AUTOPSIA, an ocular Demonstration; or the ching a thing one's felf. See Stoirt, Vision, &c.
The Word is compounded of sirris, 196, and siris, 176s;

AUTUMN, AUTUMNUS, the third Sesson of the Year; being that wherein the Harvest, and the Fruits of the Summer are gathered. See SEASON, YEAR, Go

Antenne begins on the Day when the Sun's Meridian Diffunce from the Zennih, being on the decrease, is a mean between the greatest and least; which happens when the Sun enters in. Its End coincides with the beginning of Winter. See WINTER, Sec.

Some derive the Word from suges, I increase, good assum fragibts august.

Divers Nations computed the Years by Automote; the English-Sasson, by Winters.—Taxtar tells us, the actient Germanic were acquainted with all the other Sessions of the Year, but had no Notion of Automat. Leaved observes of the beginning of the feveral Sessions of the Year, that gibus august

Dat Clemens Hyenem, dat Petrus Ver Cathedratus. Æftast Urbanas, Autumnat Bartholeeseur

AUTUMN, in Alchymy, the Time or Seafan when the Operation of the Philosopher's-flone is brought to Maturey and Perfection. See ALCHYMY and PHILOSOPHER's-Stove.
AUTUMNAL, formething peculiar to Autocom. See Au-

AUTUMNAL Pour, is one of the Equinochal Points; being that from which the Sun begins to defound towards the North Pole.

See EQUINOCTIAL Paint AUTUMNAL Equinex, is the Time when the Sun is in the Autumnel Point. See Equinox.

AUTUMNAL Signs are those through which the Sun passes during the Season of Autumn. See Sign.

The Autumnal Signs are Libra, Storphy, and Sagittary. See

The AURENTIAN AND SACRITARIUS.

AUXESIS, in Rhetorick, a Figure, when any thing is magnifed too motch. See Figures and Hyperbooks.

AUXILIARY, AUXILIARIS, any thing that is helping or affing to another. See AUXILIUM.

Description of the See AUXILIUM.

AUXILIARY, MURILIARIS, any tuning that is neigning or asfilling to another. See AUXILIAM.

This we say a Prince is to trust more to his own Soldiers,
than to Auxiliary Troops, ev.

AUXILIARY Polis, in Grammar, are such as shelp to
form or conjugate others; that is, are person to them to form
ordenote the Mood and Tense thereof. See Verri, Conjuga-

ordenote the IVIOCO and a transc ULETON.

TON, 67.

Such, in English are, have, any, or is; in Franch, efter and a-way; in Italian, be and fine, 6cc.

All the modern Languages we know of make tig of auxiliary. Verbas—The resion is, that the Verba thereof ob not change their Terminations or Endings, at their or the Latte and Greek, to the Control of denote the different Tentes or Times of being, doing, or fuffer-ing; nor the different Moods or Manners or their figuritying: So

that to supply this defect, recourse is had to different auxiliar Verbs. See Termination, Terms, Person, els. The Auxiliary are supplies the want of Passives in our Lan-See PASSIVE.

ille wit, &cc. we fay, I do burn, thou diff burn, he dath burn,

AUXILIUM, in Law. See Arp.

AUALILUM, D. Law. See Also.

AVAILIUM Chee, Egginies an Order of the Court for the furnmoning of one Party at the Suit of another.

AVAILIUM AF Films Milities Jacknesses of films Maritemdays,
was a Wirt directed to the Shriff of every County, where the
King or other Lord had any Terments, to levy of them reaforsble Aid, towards the Knighting has Son, and the Marriage of
his eldeft Diogener. See Aro.

has eldett Daughter. See A10.

AWARD, in Law, the Judgment of one who is neither affigrid by Law, nor appointed by the Judge, for ending a Matter
in Controverty, but is choften by the Parties themselves that are
at variance. See Arbitrators, Arbitration, See.

AWN, in Botany, Arifle; the Beard growing out of the Husk of Corn or Grafs. See Autsta, Corn, e.c.

of Corn or Grass. See AMSTA, Cooks, &c.,
AWNING, on board a Ship, is when a Sail, a Tarpaulin, or
the like, is hung over any part of the Ship, above the Decks, to
keep off the Sun, Rain, or Wind.

In the Loog-boar they make an Assaing, by bringing the Sail
over the Year and Stary; and boming a our with the Boar-

AXILLA, or ALA, in Anatomy, the Cavity under the upper Part of the Arm; commonly called the Armoit. See ARM

The Word is a diminutive of Axis; q. id. little Axis. See Hypothelis, to feveral Hypotheles contribute to one Axism. See Hypothesis, &c.

AMS.

Abforfles in the Acille are usually dargerous, on account of the many Blood-Veffels, Lymphaticks, Nerves, &v. thereabout, which form large Pieraria. See ULERE.

By the antient Laws, Criminals were to be hang'd by the Axtilles if they were under the Age of Paberty. See HANGING.

Hills W ticky were unexamined to the flace comprehended between the PUBERTY OF.

ANTILLA, in Borany, is the flace comprehended between the Stems of Plants and their Leaves. See Plant, STEM, LEAF, 6%.

Hence we fay, those Flowers grow in the Antilla of the Leaves, i. e. at the Base of the Leaves or their Pedicles. See Flowers.

AXILLARY, AXILLARIS, in Anstomy, fomething that be-longs to the Axille, or lies near them. See AXILLA. AXILLARY Pies is one of the fibelsvian (whin; which paffing under the Arm-pits, divides it felf into feveral other Veins. See SUBLANIANS and VEIN.

SUBCLAVIAN 300 VEIN.

ANILLARY Intery is a Remainder of the Trunk of the fub-clavian Artery; which puffing under the Arm-pin, changes its Name, and is call'd intillary. See Armeny.

The fecond Verteirs of the Back is also call'd intillary; in re-

gard it is the nearch to the Arm-pix. See Axis and VEXTERIA-AXINOMANCY, Axinomarth, a Species of Divinition, or Method of fortedling future Events by means of an Ax or Hatchet. See Divination.

The Word is form'd from the Greek signs, feezin, and powerfax.

This Art was in good repute among the Antients; and was

erformed by laying an Agat-stone on a red-hot Hatchet. AGAT AXIOM, Axioma, a felf-evident Truth; or a Proposition whose Truth every Person perceives at first sight. See TRUTH

and Proposition. Thus, that the whole is greater than a Part; that a thing can not give what is felf has not; that a thing carmet be and not be at the fame time; that from nothing, nothing can arife, &c. are Axiom.—The Word is Greek, **Even., q. d. dgattas, Auttorias, or even Effators: Whence Clears in lieu thereof uses the Word

Premuntiatum. By Axious, call'd also Maxious, are understood all common Notions of the Mind, whose Evidence is so clear and forcible,

Necions of the Mind, whole Evidence is to clear and notatile, that a Man cannot dury them whitou renomening common Sonic and natural Reason. See MAXIM, EVIDENCE, etc.

The Rule of Assissa is this, tast whatever Proposition expresses the immediate clear Comparison of two ideas without the halp of a third, is an Assiss.—On the other hand, a Truth which does not arise from an immediate Comparison of two Ideas, without the

Axion. See Inga, Relation, &c.
Wolfer affigns the Effence of an Axion thus: Whatever Pro Wedger attigate the Elitence of an Assasse that: We never to perfect a rife immediately from the Confideration of a lingle Definition, is an Assass.—Thus it necefficily following from the Genefis of a Circle, that all right Lines drawn from the Centre to the Circumference thereof, are equal; instituted as they all reprefers the time Line in different Situations: This is an Axion.

See DEFINITION Hence, the Truth of Axissur being perceived by the meer Intui-tion of a Definition; they need no Demonstration: Since they are necessarily as true, as the Definition is just. See DEMONSTRA-

Several Authors shufe this Property of Axiosar, and obtrade for Assisses the Premittee of Syllogifus, which they are not able to prove—Estable intelligible too Exception on this Account, having affumed the Equality of Figures which mutually agree, or are congruous to each other, as an Axism. CONGRESS...

Assume, in effect, firstly speaking, are no other than identick
Propositions.—Thus to say that all Right Angles are equal to each
other, is as much as to say, all Right Angles are Right Angles;
Such Equality being implied in the very Definition, the ve-ONCRUENCY

y Name. See Definition.

My Lord Bassa proposes a new Science, to consist of general

Axioms, under the Denomination of Philosophia prima. See Pra-

Axiom is also an established Principle in some Art or Science.

Amout a sid on ethabilised Principle in forme Are or Science. See PARSETLES of the PARSETLE

equals. 6: See Laws of NATURE.
These particular Assisses, it may be observed, do not immediately artife the particular Assisses, it may be observed, do not immediately artife from any first Notions or Ideas. but are deduced from certain Hypotheses: This is particularly observable in physical Matery, wherein, as several Experiments contribute to make one

AXIS properly fignifies a Line or long Piece of Iron or Wood filing through the Centre of a Sphere, which is moveable up-

palling through the Centre of a Sphere, which is moreable up-on the time. So Sphere, a Sphere, or Chlose je de-la Sphere, or Chlose, where is the Chrome, Wheele, or. Axis of the Worlds in Altronomy.—The Axis of the World is a minginger Right Line, conceived to pils through the Centre of the Larth, and termining at each End in the Surface of the mandane Sphere. See Sphere, a

About this Line as an Axis, the Sohere, in the Professie Sys am, is supposed daily to revolve. See EARTH and ROTATI-

See also PTOLOMAIC. This Aus is represented by the Line PQ, Tab. After

I can amar represented by the Line PQ. 18th. Alfreemen, Ris.
2.—The two extrame Pleans hereof, in the Surface or the
Sphere, etc. Pand Q, are called its Palor. See Pleas.
Arts of the Earth, is a Right Line, upon which the Earth
performs in diurnal Rocation. See EARTH, ROTATION, &c.
Such is the Line PQ. 25th. Geography, Pt., 7—The two extream Potos hereof are also called Palor. See Posts.
The Ariso of the Earth is a Part of the Advanced to
the Month of the Earth is a Part of the Advanced to

It always remains parallel to it felf, and at Right Angles with the Equator. See PARALLELISM Axis of a Plant, is a Line drawn through the Centre thereof, your which the Plant revolves. See Planet, &c.

The Suo, Moon, and all the Planets, except Mercury and

Axis, in Geometry.—Axis of Rotation, or Circumvalition, is an imaginary Right Line, about which any plane Figure is con-crived to revolve, in order to generate a Solid. See Solito, Gra-NESIS, CYC.

Thus a Sphere is conceived to be formed by the Rotation of a Semicinch about its Diameter or Axis, and a Right Come by that of a Right Abgle Triangle about its perpendicular Leg, which is here its A

is here its Asia.

Arts of a Circle or Sphere, is a Line possing through the Centre
of a Circle or Sphere, and terminating at each End, in the Circumference thereof. See Circles and SPHERE.
The Asia of a Circle, See, is otherwise called the Diameter
thereof.—Such is the Line AB. Tab. Geometry, Fig. 27. See DIAMETER.

DIAMETER.

ARIS is yet more generally used for a Right Line proceeding from the Vertex of a Figure to the Base thereof. See Figures, Verexax, and Base.

ARIS of a Cylinder is reoperly that quickent Right Line about which the Partialleggment name, by whose Revolution the Cylinder is formed. See Cylinders, by whose Revolution the Cylinder is formed.

Though, both in Right and Oblique Cylinders, the Right Line joining the Centres of the oppointe Bans, is also called the Axis of the Cylinder.

Axts of a Case is the Right Line or Side upon which the right gled Triangle forming the Cone makes its Motion. See Cons. Hence it follows that only a Right Cone can properly have Hence it follows that only a Right Cone can properly have an Asia; in regard an Oblique one cannot be generated by any Mocton of a Plane Figure about a Right Line at the Bort in Regard the Asia of a Right Cone is a Right Line drawn from the Centre of its Bafe to the Verex; in Analogy berect the Writers of Conleids do likewife cill the fame Line drawn

from the Centre of the Bate of an Oblique Cone to the Vertex, Axts of a Veffel, is that Quiescent Right Line passing through the Middle thereof, perpendicularly to its Base, and equally di-

stant from its Sides.

aturt from in Sides.

Artat of a choic Section, is a Right Line pulling through the Artat of a choic Section, is a Right Line pulling through the Artat of a choice Section and a curring all the Ordinates at Right Anderson of the Pentrum and a curring all the Ordinates at Right Anderson of the Choice Section most two equal Fartas; is a Thuss if AP, 746. Conlete, Fig. 51, the churren prompting or Martin and Choice Section most two equal Fartas; is a related to the Choice Section of the Choice Section of

called in contrastitucions to use congague on seasons; See TL ARVITERA; Asia in the Elligite to length; and in the Thyperfola cut at the Course in the Fours A as of P. Reg. 23. Chapter As and Course in the Fours A as of P. Reg. 23. Chapter As and Course of the Figure C. parallel to the Contrast of the Figure C. parallel to the Contrast of the Contr

The Conjugate is the florrer of the two Axes of an Ellipfis-CONJUGATI Conjugate, or found Axts of an Hyperbola, is the Right Line
FF, Fig 32. drawn through the Centre parallel to the Ordinates,
M N, M N, perpendicularly to the Axis AP. See HYPER-

BOLA.

The Length of this Axis, though more than infinite, may be found by this Proportion, \$\sqrt{A} \times \text{PM} : AP :: \sqrt{M} : FF. Axis of \sqrt{PM} = RandolA.

The Axis of \sqrt{ParalolA}. See ParalolA.

The Axis of \sqrt{ParalolA} is of an indeterminate Length, that is in infinite.—The Axis of the Elliptis in determinate.—The ParalolA has only one Axis; the Elliptis and Hyperbola two. See

CHEVE: Axts in Optick:—Optick Axts, or Fifted Axis, is a Ray puffing through the Centre of the Eye; or it is that Ray which proceeding out of the McGle of the Internous Cone, falls perpendicularly on the cryfaline Humour, according to the Centre of the Eye. See OPTICE, RAY, CONE, VISTON, USEON,

Common or mean Axis, is a Right Line drawn from the Point of Concourte of the two optick Nerves, through the Middle of the right Line, which joins the Extremsy of the fame optick Nerves. See Office Narve.

Axis of a Low, or Glaff, is a right Line puffing along the Axis of that Solid whereof the Lens as a Segment. See Lens and

Thus a fpherical convex Lens, being a Segment of fome Sphere; the dair of the Lens is the fame with the dair of the Sphere; or at is a right Line palling through the Canter thereof. See Caswas, 6-c.

Or the Asir of a Glafs its right Line joining the Middle Points.

of the two opposite Surfaces of the Glafs. See OFTICE Glafs.

Axis of Intidence, in Dioptricks, is a right Line drawn through
the Point of Incidence, perpendicularly to the refracting Surface. See INCIDENCE

Such is the Line DB, Tab. Opticles, Fig. 56.

Axis of Refraction, is a tight Line continued from the Point of Incidence or Refraction, perpendicularly to the refracting Surface, along the further Medium—Such is the Line BE. Or it is that made by the incident Ray, perpendicularly pro-Of it is that must by the incident Ray, perpendicularly pro-longed on the Serie of the fectors Medium. See Reference. Acts of a Magnet, or Magnetad Acts, is a Line puffing thro' the middle of a Magnet, long-in-wise; in fact, manner, as that however the Magnet be devided, provided the Division be ac-cording to a Plane wherein fact Line is found, the Leadthone will be made into two Loadthones. See Magnet and Mag-

NETISM.

The extreams of fuch Lines are called the Poles of the Stone. See Pole and Polarity.

Axis, in Austomy, is the third Vertebra of the Nock; reck-oring from the Skull. See Vertebra.

"Is thus called by reason the two first Vertebra, with the Head, move thereon, as on an Axis. See Head and Neck. Spiral Axis, in Architecture, is the Axis of a twifted Column, drawn spirally, in order to trace the Circumvolutions with-out. See Teaded Collusts.

Axis of the Ionick Capital, is a Line palling perpendicularly through the middle of the Eye of the Volute. See Ionic and

VOLUTE The Asis is otherwise call'd Cathetus. See CATHETUS.

ARE AREA IS ORDERING CHAIR LEARNESS. AND ATTEMPTION.
AREA IS PATHONIS, to coo of the five mechanical Powerlage
Area is a Pathonis, to coo of the five mechanical Powerlage
as confinential Felight. See Microconstant Power, See.
It condits to a Confice, represented AB, (Tab. Moshanist, Rg.
44). Concentric with the Bild of a Cyllinder, and moveable togrether with it, and to the Area That Cyllinder is call'd the
Area the Circle, the Confinential Confinential Cyllinder, with
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out any Circle, the State of Cyllinder, with
out any Circle, the Cyllinder, with
out out any Circle, the Scytals. See Perferentiam.

Round the Axis winds a Rope, whereby the Weight, &c. is

to be rais'd.

The Asis is Peristrobio takes place in the Motion of every Machine, where a Circle may be conceived defended about a firl'd Asis, concentric to the Plane of a Cylinder shoat which it is placed; as in Crane-Wheels, Mill-Wheels, Captans, &r. See WHEAL.

Dollring of the Axis in Peritrockie.

1. If the Power, applied to an dist in Periturdus, in the Direction AL-Fig. 7, percenticular to the Periphery of the Wheel, or to the Spoice, he to a Weight G, as the Residue of the Asir CE. is to the Residue of the Weight C, the Length of the Spoice; but the Power will just fulfain the Weight, i. e., the Weight and the Power will be in Equilibria.

Power will be in Equilibria.

2. If a Power be applied to the Wheel in F, according to the Line of Direction FD, which is oblique to the Radius of the Wheel, though purillet on the perpendicular Direction; it will have the same Proportion to a Power which acts according to the perpendicular Direction AL, which the whole Sine has to the Sine of the Angle of the Direction DFC.

Hence, fince the Diffance of the Power in A; is the Radius CA; the Angle of Direction DFC being given; the Diffance DC

CA, the Angle of Direction DFC being givens the Limman.

3. Powers applied to the Wheel in feveral Points. F and K, according to the Direction. ED and KI, pushed to the perpendicular points of the present of the Control of Motion Lorentz of Motion Control of Lorentz of Motion Lorentz of Motion Lorentz of Lore

For, in each revolution of the Wheel, the Power pause mo-its whole Perphery; and in the fame time the Weight is raid'd a Spate cental to the Periphery of the Assr: The Space of the Power, therefore, is to the Space of the Weight, as the Per-phery of the Wheel to that of the Assi: But the Power is to the Weight as the Radius of the Assi: Other to the Wheel. There-

tone, 6%. Bower, and a Weight being given, to implicall an Exis in Peristochio, whereby it float be forfased: Lext the Radius of the Axis he big enough to support the Weight without breaking. Then, as the Power's to the Weight to make the Radius of the Wheel, or the Longth of the Spoke. to the Radius of the Axis.

Hose, if the Power be but a final part of the Weight, the Radius of the Wheel must be vailly great—E. gr. Suppose the Weight 3000, and the Power 50, the Radius of the Wheel will he to that of the Axis as 60 to 1.

This Inconvenience is provided against by encreasing the num ber of Wheels and Axes; and making one turn round another, by means of Teeth or Pinions. See WHEEL-

by inclusion of Leern of Paris, the forcet and motifieft of any title Bodies of Animals. See Far., the forcet and motifieft of any title Bodies of Animals. See Far. and Far. and from Sare Lees, or Adequ, which is a kind of any Far. The Latina difficult in a kind of any Far. The Latina difficult in Far into Physiology, call all of Anamolies, the Control of the Cont

and Asps, or Seesm; but many of our modern Writers confound them. See PINGUEDO.

them. See PINOUEDO.

The Physicians make ale of the Ananyia of the Goole, the Dog, the Viper, and fome others, effectively that of Many, which is of extraordiumy Service in the drawing and ripening of Tumors, &c. See ATTRABENT. See also VIPER, &c.

The Word is furpoided to be form'd, as her Returns que sus-

Axunota of Glafs, call'd also the Gall, and Salt of Glafs, is a Seam taken from the Top of the Matter of Glass before it be

vitrified. See GLASS AYEL, in Law, a Writ which lies where the Grandfather be-

ing ferzed in his Demein the Day he dud, a Stranger enters the fame Day, and disposseries the Heir. See WRIT.

AYRY, or day of Hawks, a Nort or Company of Hawks; to call'd from the old French Word Arr, which fignifies the fame

to call'd from the did brisso Word Arr, which against the same chang. See Hawk and HAWKINO TA-AZIMUTH, in Althonomy—The Azimuth of the Saw, or a Staw, is an Arch of the Horizon, comprehended between the Mirdlain of the Blace, and any given Vertical. See MERIDIAN

and VERTICAL. The Arimath is the Complement of the Eaftern and Western

Amplitude to a Quadrant. See AMPLITUDE.

The Azimuth is found by this Proportion; as Radius is to the Tangent of the Latitude, to is the Tangent of the Sun's Altitude to the Coline of the Azimuth from the South, at the time of the

to the Counce of the Zeroman from the colonials are than on the Equinox. To find the Azeman by the Globs, fee GLOBS.

The Word is pure Analost, where it fignifies the fame thing. Magnetical REMOVING, is an Arch of the Horizon contained between the San's Asbeats-Circle, and the magnetical Medicinia y

netween the Durfs Asiawate-Lurcle, and the magnetical Mendean; a or it is the appeared Dillance of the San from the North or South Point of the Compass. See MAGNETICAL. It is found, by obleving the San with an Asiawate Compass, when he is about 10 or 15 Degrees high, either in the Forence Afternoon. See Asiawate Compass.

AMERICON. See AddRESS COMPASS.
AZAMATI Changel is an Informent used at Sea for finding the Sun's magnetical AddRESS. See Magnetical AZAMATIC.
The Description and Use of the AddRESS Compass, fee under the Attack Admiss of Compass.

the Article Allmark Contrast.

AURITUTE DAI, is Dail whole Soyle or Grommo is at right, Angles to the Plane of the Heroton. See Distant.

Angles to the Plane of the Heroton. See Distant.

Angles to the Plane of the Heroton.

See Distant.

Carlot in the Resident of the Carlot in Angles and counting the Horizon at tight Angles.

See Verticate.

The Horizon to design glustest improfess, for this ration they have been proposed to the Carlot in All Carlot in the Carlot in Angles and Carlot in the Carlot in Angles and Carlot in Carlot i Ois

the Sun, when he account the Sun, when he account the Sun, dec.

AZONES, in Mychology, a Term satiently applied to fach of the Gods as were not the private Divinities of any particular Country of People, but were acknowledged as Gods in every Country, and worthighed by every Nation. See Gods.

The Word is derived from the Greak privative s, and & so.

Zone. Country.

Thefe Azasts were a Degree above the visible and fensible Gods, which were call'd Zones; who inhabited some particular Part of the World, and never starr'd out of the District or Zone

Part of the World, and never third out of the Dillittic or Zone that was affigired them.

AZOTH, among the antient Chymille, fignified, fometimes, thefrift Matter of Metals; fometimes an universal Medicine; and fometimes the Mercury of a Metal.—But the Term is now distinct. See METAL, MERCURY, etc.

AZURE, the blue Colour of the Skies. See Blue, Co-

LOUR, SKY, O'V. AZURE, in Hersldsy, fignifies a blue Co-lour, in the Couts of Arms of all Perfons un-der the Degree of a Barco. See CoLour. In the Efectations of Noblemen, Blue is call'd Suphir; and in those of fovereign Princes,

Juster.
In engraving, it is represented by Strokes or

Harches drawn botizontally, as in the annexed Figure.

The French prefer this Colour to all others, by reason the Field of the Arms of their Kings is Nawre.

AZUKE is also used for a mineral Colour, prepared from the Lapit Arsonsor. See ARMENUS. The Arare is very near a-kin to Ultramarine; being procured from the Armenian Stone much after the same Manner as the other is from Lapis Lexali. See ULTRAMARINE and LAPIS

Leanh, and AZYGOS, in Anatomy, a Vcin otherwise called Vens for paris, because lingle. See Virn.
The Vens Azigo is the third Branch of the afcending Trunk of the Gove.—It defeends through the right Side of the Cavity of the Theora, and at its narrival at the eighth or minth Venters, begins to keep the Middle, and fends freth on each Side, interchall Blanches to the Interface of the eight work. Risky and there is divided into two Branches, the larger of which is infert-

On the Globe their Credes are represented by the Quadrant of formetimes into the Crus. but offerent into the Entadgent: The of Albitade when feered in the Entadh. See Globas, Quis- other enters the Crus, commonly a little below the Entary of Albitade, but a fellow moint on the Entagles and the Crus of the

AZYMITES, they who Communicate with Bread not leaven-ed or fermented. See Azymus.

ed or lermented. See PATMUS.
This Appellation is given by Cerslavins, to those of the Latin
This Appellation is given by Cerslavins, to those of the Latin
Church, upon his Excommunicating them in the XIth Century.
The Armenium and Manustrat on also makes the of Anysaus, or
undeavened Breed, in their Office; on which Account form
Greste call them, Anguistes. See Answinsian and Manontra.
AZY MUS, fomething one fermented, or that is without Leaven. See Frankmar and Lataves.

Ven. See FRAMENT and LLAVEN.

The Term Argassi is much useful in the Disputes betwint those
of the Greek and Resulf Charch, the latter of whom content,
the the first and the Malei cage the Chargest, unleaved, is imitained the patient latter of the Frees, and of our Savinous, with
influence the Sustainance on the Day of the Palifores, and the
latter firemounly maintaining the former. From Tradition, and
the configur Ulige of the Charch. See Saccassary, Eventathe configur Ulige of the Charch. See Saccassary, Eventa-

This Diffort was not the Occasion of the Rupture between the Greek and Latis Churches; Photois baving broke with the Popes 200 Years before—The Partiarch Conslavius, in the XIth Century, excommunicated the Lasius for adhering to the Use of

Contrary, eccontamentated for Lastine for substitute to the User of August Breed.

By Tomas, in 4, Sust. [10]: 1.1. q. 2. Acts. 2. Sus-flane. 3, refuses, that design for infringer of the Contract, note that many learness of Breed way used in the Enchantly. "Ill finds none as the Edwisses stood, who find that all the Obstrance predictived lightenians stood, who find that all the Obstrance predictived lightenians stood, who find that all the Obstrance predictived lightenians stood, who find that all the Obstrance predictived lightenians stood of the August and State of Exercicides of that Herefy, the Velleric Develor becomes do not adjusted to the Edwis predictive of the Contract State of the Cont

Usige.
This Account is controverted by Fa. Sirrossad, in a Differential contempts on expecti, wherein he shows, that the Laters had continuity communicated in leaver'd Bread, till the Xth Century. Any communicated in leaver'd Bread, till the Xth Century. Cardinal Bons, Rerum Liturge, c. 23. p. 185. owns a deal of diffrult of what St. Thomas alledges —In the Council of Florence it was decreed that the Point layar the Diferetion of the Church and that either leavened or unleavened Bread might be used: The

Weltern Church has preferred the latter.

The Word is derived from the Greek Space, fine fermente, which is composed of the privative a, and Son, Fermant.



BAC

BAC

THE Formal Letter of our Alphabet, and of most others, is the first Continuous, and first Most and in its Promocition relicions is the Martine of the M

Et B trecentum per & retinere videtur.

When a Line was drawn above it, E, it flood for 5000, with a lind of Access their 16 months at money the the Persian of the Control of the 10 money the the Persian of the Debreves or designate Confights of the all Remain, figurited Braume. The often found on Mecha to muck the Edeck "District beforement that the Mechanies and the Line Theorem of the Confights of the 10 money the for Philip, Phyronics, Sec., and viole of Displays indicated of a Hold II, as Edwar for eArsh, Espir Graugh, Ke. The Latins list hippons, physics, for philopes, physics, and pro-bates the Configuration of the Configuration of the has observed. They also used In for PH; thus in an antican Indicaption mentioned by Grater, ORKINDARIO is a Configuration of the Configuration of the Philips and A.B. WOMBARIO.

sattes inferipsion mentioned by Gratery, ORRINDARIO is used less ORRINDARIO in the less of the CREATE AND CREA tains cover'd with Tygers Skins, their Hair diffieveil'd, their T'byrfiss in one Hand and Torches in the other, bowl-

BAC

and the two last long, in Rigolas: It is the Reverde of a Docklys, and takes in Name from that of Bacchin, because from the last of Bacchine, and the last of Review and the last of Review and the last of Review and Review and the Bacchine, and the last of Review and the Bacchine, and the Review and t

Primes to have Baths. See Baths.

BAGNOLIANS, a Soft of Hereicks in the Eighth
Century, in reality Manichest, the they diffquised their
Errors. They rejected the Old Yelfament, and Part of the
News, held the World to be Eternal; and affirm'd God
did not create the Soul, when he infauld it not be Body.
They derive their Name from Bagnesis, a City in Lau-

They derive their Name teem Regrott, a City in LesMan AGTIFS, a Micel informent of the Windskind,
ShadGTIFS, a Micel informent of the Windskind,
chiefly sted in County Places. It confish of two principal
Pares: The first I activate Bag, which them up the rePers of the sted in County Places. It confish of the City Place, a Windskind of the City Place, a Windskind of the City Place, and deeply by a Value. The other Part confist of
these Places is Windskind of the City Place of the City Place of
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ment, It change its Name, was a status of with UnitaBAILE, or Ziel, the Seemen call Lading or Calling the
Water by Hundout of a Boat, Bailing, and when the Water
is the Islied out, boy in y? Br Bail Hynd. They Galling,
Hand and the State of the State of the State
BAILE, in Low, from the French Bail, a Gandlain, or
Contes; is used for the ferring at Liberty one arrende or
imprised upon an Abbae, chem Gwil or Cominst, under
figued. The call's Baile of the State of the State
figued. The call's Baile of the State of the State
figued. The call's Gand, beautile breedy the Earsy com
fined it delivered into the Hand of those who bild themfelver for his from coming; prehaps gail is in Atlions of
final Briguidee or bight. Pool, in both Cale any Sweetlee
and Hendlee or bight Pool, in both Cale any Sweetlee
and the bight of the State of the State of the State
for the State of the State of the State of the State
Labora, without Wad, all line Time of Appearance,
whereas he who is let to Bail to vivo or more Men, is always accumed by Wad, all the Time of Appearance,
whereas he who is let to Bail to vivo or more Men, is always accumed by Wad, all line Time of Appearance,
whereas he who is let to Bail to vivo or more Men, is always accumed by Wad, all line Time of Appearance,
whereas he who is let to Bail to vivo or more Men, is always accumed by any if they pleafe, actually kephim in Prifor.

Rate in Commerce; a Pack or certain Quantity of Merchandine, as a Bate of Spacery, of Books, or Thread. BALLEMENT, a Term in Law, Sguilying the Delivery of Things, whether Wittings or Goods, to another but found that the Baties, that is, back to him who deliver distant, so continues to the Baties, that is, back to him who delived intens is foundations to the Ufc of him to whom they

bas femerimen so the Ballier, Ant Is, back to him who delived them is deminent so the Use of him to whom they are all the Ballier of him is the bound to the second the second the second the second to the second the s mand of the Milita. From thete it was that the Legisly Building singlesty you have eight Leitaneurs, which are fair persons to be a support of the person of the person of the person of the formal persons of the formal pe

Seylus, a figuity a Judge, whence žirilify was cally formal many the Parke of the princiblen of a Smilly within his Humbred to Learly Franchile.

BARIAMA is senio of the Yurky, which they colchwar after the Pail of Remeans. The large twice 100 Health of the Pail of Remeans. The large twice 100 Health of Pail of Remeans and the Pail of Remea

Brend. The Forms of Baking are various, but may be reduced us two; the one for unlex-rend, the other for better to the control of the state of the s

Feet they a Cloth: a first having, him as Hour to feell, 'time moduled into Manchera; which, locath' in the Middle, and moduled into Manchera; which, locath' in the Middle, and have a simple of the state of the st to Rome, were added a Number of Freed Men, who were incorporated into a Body, or, at the yea till it, a College, from which neither they nor their Children were allowed from the Body of the Children were allowed to the Children were the Children were allowed to the Children with the Children were constructed personal children with the Children were cover you had the Intendence over all the rell, and the Care of the College. Our of the Dod of the Enders were cover you could be compared to the Children were cover you that the Children were covered to the Children were covered thomas and Hostothy in the Children were covered you with the Children were covered to the Children were covered you with the Children were considered to the Children with the Children were covered to the Children were covered to the Children were covered to the theory and Hostothy in the Children were covered with the Children were covered to the Children were considered to the Children were covered to the covered workships and all Malisce with Cornellius and Glief.

Honour and Honothy in the College of Bakers, they were exceptly prohibited all Alliance with Comeditian and Gladiators; each had his Shape or Bake-konft, and they were carded from Gausthampia and tone College and the College of the sate ampetated fleat one of 13 Extremes: One and their Centre are applied the Bodies to be well on and their Weight; meslared by the Divifions mark'd on the Beam, in the Flace where a Weight moveable along the Beam being fix'd, keeps the Belames in Equilibrio. This is full in Ufe in Markets, Ge. where large Bodies are to be

in Ule in Medeus, Ge. mete Deputation. In in in this weighed, See Santares.

The Modern Bulance, now ordinarily in Ule, conflict to the District management of the Bulance, now ordinarily in Ule, conflict to the Distriction unique of the Bulance in General Conflict to the Distriction unique of the Bulance in Calle the Bulance in Calle the Bulance in Calle the Bulance in Calle to the Line on which the Bulance unique of the Distriction of the Distriction of the Bulance in Calle Indiance in Calledon in Called

eighe for entra cetta; I access it is a same, and long to concert of from "Deffries of the Blance".

The Beam AB ("Plate of Archanists, Fig. 9.) the principal Part of the Blance, in a Lever of the fifth kind.

The Beam AB ("Plate of Archanists, is Lever of the fifth kind.

The Beam AB ("Plate of Archanists, is a Lever of the Motion) in fifther than the Archanists of the Lever (a lever of in Motion) is fifteened by Homeron at the Archanists of the Lever, (See Levens of Motion. Homes the Mothanism of the Plate of depends on the fine Theorem as that of the Lever, (See Levens, for its the Dilunce of the Motion William of the Archanisms, the Court of Motion to the Dilunce of the Archanisms will be a supported by the Court of Motion to the Dilunce of the Archanisms will be a supported by the Court of Motion to the Dilunce of the Archanisms will be a supported by the Archanisms will be a supported by

Weight to move a Bulance is by for much greater, as the Paint peeffed by the Weight is more dilutes from the Center of the Bulance, as dith a Richia follows the Center of the Bulance, as dith a Richia follows the Center of the Bulance, as the Richia follows the February and the Richia Richia follows the Arch As, which is the big-like the Paint A definites the Arch As, which is the big-like the Paint A definites the Arch As, which is the big-like the Richia Richia follows the Paint to which it is applied: Hence is follows, and dings to the Point to which it is applied: Hence is follows, that the Proportion of the Space goes the by the Point on the Paint to which it is applied: Hence is follows, the Allowson of the Space goes the by the Point on the Paint to which it is applied: Hence is follows.

For the Paint P

one another at CR, CA.

Fartistis in the Application of the Balance.

Fartistis in the Application of the Balance.

Fartistis in the Application of the Balance.

One Once applied to the sinkt Divition from the Course, with drugo Once at the shirt of a surface of the Course (and its Diffusion of the Course (and its Diffusion of the Course) for the Course of the Course (and its Diffusion of the Course (and its Diffusion of the Course) for the Course (and its Diffusion of the Course) for the Course (and its Diffusion of the Course) for the Course (and its Diffusion of the at that very Point; for the Weight at all Heights equally fleetches the Cord by which it hangs.

A Balance is faid to be in Equilibria, when the Actions of

A Hatanee is laid to be in Equilibria, when the Atmost or the Weight upon each Bracheium to move the Balance, are equal, to as mutually to defiroy each other. When a Balance is in Equilibria, the Weights on each Side are fill to equipoderate: unequal Weights may also equipoderate is but then the Diffiances from the Centre mult be reciprocally as the Weights. In which cafe, if each Weight be multiplied by its Dillance, the Products will be equally which is the Foundation of the Steelyard. Thus in a Bawhich is the roundation of the Steelyard. In the the zar-lation whole Thresho are very nocqual; a Scale banging at the shortest, and the longest divided into equal Parts: If such a Weight be apply d to it, as at the first Division shall equiponderate with one Ounce in the Scale; and the Body to be weight d be put into the Scale, and the above-mentation of Weishe be moved along the longest Breedung. Body to be weight'd no put into the scale, and the anove-mentioned Weight be moved along the longer! Brachman, till the Equilibrium be found; the Number of Divisions between the Body and the Centre flews the Number of Ounces that the Body weighs, and the Sub-Divisions the Parts of an Ounce.

Conces that the flower was construct how an extraction, and concern the construction of the construction o

chece. To the Perfection of a Balance 'tis required, that the Points of Sulpointen be excelly in the lame Line as the Tourist of Sulpointen; that they be precifely equid-dilater from the the Balance; that they be precifely equid-dilater from the Balance of Motion. See Medica, the Balance of the Balance of

Mochanicks, &c. Balance of the Air, is uled for the Weight of that Fluid, whereby, according to its known Property, it preffeth where its leaft reflied, till it is equally adjuded in all Parts. See also Gravity, and Baraneter. (78)

Hydroftations Balance, is a Machine for determining the specifick Gravities of Bodies. See Hydroftation!
Balance of Yrade, is the Difference between the Value of Commodities bought of Foreigners, and the Value of the native Productions transported into other Nations. "Tis necessary that this Balance be kept in Trading Nations; and if it cannot be made in Commodities, it must in

Specie. Behance of a Watch or Clock, is that Part of either, which by its Motion regulates and determines the Beats: The Greater Part of its called the Parts, and its Spindle the Pergy: There belongs to it allo two Pallass or Nuts, which plays in the Pangs of the Coron-Wheel: And in Peaker Whitshey, that though such in which the lower lives to the Parts of the Coron-Wheel and its property of the Coron-Wheel and its property of the Parts of the Parts of the Coron-Wheel and, it called the Parts of the wrought Plece which covers the Belance, and in which the upper Prive of the Belance plays, it the Gelt: The finally upper Pivot of the Balance plays, is the Cock: The fmall Spring in new Pocket-Waches is called Regulator. See Clock and Watch.

Balance, one of the Sipns of the Zadiack. See Libra.
BALANI, in Natural Hillory, are certain Excrefences
ufailly growing to the Shells of the larger Sert of ScaShell-Fill. See Stell.

comes were originally little Turrets over the Gates of Cita-dels, whence Darts, &c. were thrown on the Encemy. BALDACHIN, or Baldaquin, a Fiece of Architecture in Form of a Canopy, supported with Columns, and ser-ving as a Crown or Covering to an Altar. The Word comes from the Italian, Baldacebino.

from the Daties, Raddereline.

BALE, in Commerce, a Pixels of Merchandine, of different Quantity; a Bade of Cotton-Yarn is from § to J. Hundred, of Local Weight, of Naw-Silis from 10, 24 Junadred, of Local Control a round fron Cyunder is taiten'd hetween two Planks, from which reaches a hollow fquare Beam placed Crofs-wife, faiten'd with Cords, to which are added Screws, at one End of this flunds the Enginence, who puts a Wooden Shaft with a big Head, into the Cavity of the Beam; this done, two Men bend the Engine, by drawing forme Wheels: when the Top of the Head is drawn to the unfroft End of

when the Tep of the Head is drawn to the utmost End of the Cords, the Shaff is driven out of the Balifia, &c. BALKS, in Agriculture, are Ridges or Banks between two Furrows or Fisces of arabble Land: the Word is used fometimes for Poles or Rafters over Out-houses or Baros; and among Bricksyers for great Beams, such as are used in making Scatfolds.

and among Brickleyen for great Bomm, fach as are used in Ball. 2008 (OCK FT), Machine countred to give a Ball. 2008 (OCK FT), Machine countred to give a lindrament full play. It conditis of a Bull or Sphere of Brief, first which is consist we Bring Boll. 2009 (Annual Part of Brief) (Annual Part of

BALLON, in Chymiltry, a French Word for a large-round flootneck of Marris, or Veifti ufed in Chymiltry, Fre. Zallon is all official as dreaw of by the means of Free. Zallon is all official as dreaw of by the placed s-top of a Fillar, or the like, by way of a Fillar, soc destroy, or Crosming.

BALLOTING, a Merchool of Verting at EleClinn, 85: BALLOTING, a Merchool of Verting at EleClinn, 85: BALLOTING, a Merchool of Verting at EleClinn, 85: 118 Mallocation of the Perceivage o

call Ballotes.

call Ballette.

BALLS, or Ballett, a frequent Bearing in Coats of Armi, in Heraldry, but never fo called but according to the state of the state of

Heraldry.

BALLUSTRADE, in Architecture, an Aftemblage of one or more Rows of little turn'd Pillars, high enough to entit the Ethowse, on fixed upon a Terras, or the Top of a Building, or clic to make a Separation between one Part of it and another. Ducange derives the Word from Balantirum, or Balantirum, a Place among the Antients where their Barth were rail! I

mulliding, or cisic to make i separation sevene note has of its and smother. Zhenerg derives the Word fens Backerfleren, or Backerfleren, or Backerfleren, or Backerfleren, or Backerfleren, or Backerfleren, in the word fens Backerfleren, or Backerfleren, in the word fens Backerfleren, or Backerfleren, in very gene Regulation in Medicine and Chirargery, uded to be liquid-recipitation in Medicine and the Chirargery, uded to be liquid-recipitation in Medicine and the Chirargery and the Chiracter of Backers of Backe

fam of Incifion, which is a white glutinous Refin ouzing at an Incifion in the Tree, and afterwards thicken'd and at an Indiano in the Troe, and afterwards thicken'd and interded. This is execution for green Wounds, and much interded. The ist execution for green Wounds, the distinguishmen in 20°7 Steplens, which is distingle from the Trye of Branches our off, to which are fished with Volfich to receive the Liquin, which as first is like Mills, in the Composition of the Lee Frigaring, which is much much better with this, than with Styras on Benjohn Left-than the Composition of the Lee Frigaring, which is much much better with this, than with Styras on Benjohn Left-than Bark, Roots, and Levens of the Per mininged and boiled superher. This is safed in Wounds like the online Stellers and the Composition of the Composition of the Composition of the Backet which we Stellers, which are not to be con-

Befides thefe two Balfams, which alone are to be effects Bendes there wo Tasjami, which alone are to be electri-edgenine coes, Neutrality reckon Baffam of Copif or Ca-payba, of Tolto or Isquid Amber, and a New Baffam. Baffam of Copa, Donal, Cambaif or Copyeba, concer from Braffi in earrhen Boxtles, pointed a-top. "The a kind of Oil, el-ther clear or thick; the first white, of a refinous Smell: ener occar or thick; the first white, of a refinous Smell: the other a little more on the yellow; both are admirable for Wounds: The Fews use is after Circumcision to stop the Blood. Bassaw of Tols is a liquid Refin, which as it grows old becomes of the Colour and Confidence of Florders Size. It comes by Incision from some Trees growing in New Spain; where the Inhabitants receive it in little Vessels of black Wax: In Taste and Smell it resembles Veifeis of Mack Wax: In Tatle and Smell it refembles Bathen of Glodes as as it grows old it takes the Confilience of dry Bathen. Baljans of jumple Anther is a clear reddift. Natives Offich, many he foreign and the property of Natives Offich, many he foreigning Antherprate, effectivity in Smell, whence its Name. The New Baljans is liquid; when new it is clided Out of juiled above, and when on when new it is called Out of juiled above, and when of Market is and it very new among us. "The found forecting Barrelis; and it very new among us." The found forecting for Wounds, effectivity in Fallants in Janse: It refemble Smiles of This in Smell and Colons, and is expected in the manners of Out of Jaconse; them not effort in the Illand of manners of Out of Jaconse; them not sell retains to the limit of the small sell of the manners of Out of Jaconse; them not sell retains the little of the manners of Out of Jaconse; them not sell retains the little of the manner of Out of Jaconse; the manners of Out of Jaconse; the manner of O

minner of Oct of Leavel, from a red Fruit in the Illand of Sharilland, Sharill composition of Nut Oil drawn without Fire, Flower of Sulphur, Oil of Tartar, and White Wine mix'd. This is used to digett and refolve crade Matters gathered in any Part of the Body: 'tis applied externally, and ferves for the Baiss of the Plaifter of Sulphur. Ballam of Sulphur anifated, is drawn from Oil of green Anile and Flower of Sulphur anilased, is drawn from Oil of green Anile and Flower of Sulphur dif-folved together. Bahn of Saturn, is a Sati of Saturn; Dr. Harris fays, a Sager of Saturn, difficient in Oil or Spi-rit of Turpenine digethed, till the Marco, have rit of Turpentine digefted, till the Matter have acquired a red Tinchure. This is found to refift the Putrefaction of Humours, and is good to cleanfe and cicatrize Ulcers.

red Treilner. This is hould to neith the Parteckillon of Humons, and is good to clear fine and tearing Ulcers. Below at Relimmanney the Chymilia, is the Spirit of committee the Chymilia of Scale of the Chymilia of the Chym

BALOTADE, a Leap in which a managed Horfe offers to firike out with his hind Legs, but does it not, only ma-

king an Offer, and shewing the Shoes of his hind Feet.

ABALSAM Soc. 2010.

BALSAMM SOC. 2010.

BALSAM Contracts in the Parlib-Charach before Maritage, that if there he amp Exceptions again deither Party, we to price Engagements, Set. there may be an Opperunity of making them. Their are when 1 for finite mention from the Contract of the Parlib Parl

sien, bestude frequently mode with Sound of Tramine's piece. Bestude fixed with January Elmany, Homes, the Control of the World, January Elmany, Homes, the Control of the World, January Elmany, Homes, all, bestude the Convocation in general control of the State, and Elmany Elmany, and Elmany Elmany, and Elmany Elman Subject and Subject. Here most Gard Course are tree, whether real or perional, according to the Ripour of the Law. Here are utually four Judges, the Chief whereof is called Lord Chief Juffice of the Common Pleas. Formerly there were fiven Judges, then fix, then five, \$\frac{1}{2}\ell}. See Common Pleas.

BAND, any Piece of Stuff cut long and narrow, as the Swarsh-Band for Infants, &c.

Swalrie-Mend for Intianc, &c. general Name for any flat low Band, in Architechave, a general Name for any flat low Member; which is alfo called Face, from the Laten Facilita, which Piraveirs ules for the fane thing; and fometimes Finet, Plinth, &c. See Facilita, Plinth, Fillet, &c. Band, Kangbor of the, are a military Order in Spain, intimud by Japhonpias XI. King of Gellitis, Jamos 1533. It Reaches to Samp from the Enands, Handy or red Ribbond which es a-crofs over the Right Shoulder and under the Left Arm of the Knight. This Order is for none but Nobles Arm of the Knight. This Order is for none but Nobles; the clidel Sons of Grandees are excluded; and before Admittance, 'tis requisite to have ferred at least ten learn either in the Army, or at Court. They are bound to take up Arms for the Calibride Faith against the Infidels. The King himfelf is Grand Master of the Order.

and of Soldiers, to many as fight under the fame Flag Hand of Solaters, so many as ingit under the same Fing or Enging, from Handson, which the Romans need in the fame Scale with Vexillins, or Hanner. Thus Romutur called thole who fought under the fame Manipule, (a Handful of Hay being then used for a Fing) Manipular

AMILIUM.

BANDAGE, a Ligarere to hind up Wounds. There are of feweral Sorts, and adapted to the different Parts of the Body where the Wound happens. The Knowledge of their proper Ufe is no finall Part of Surgery. Trujes used in Raymers are also thus called. Soc Ligarere.

Reviews are also thus called. See Engineer.

BANDALERS, a large claume fact, throws over the Right Shoulder, and languag down under the Left Arm, the Right Shoulder, and languag down under the Left Arm, and the Free Arm, and the Control of the Co

gaund by this ricco of runtures; and were themselves to denominated, quaft Ban de Fébers, a Kont of Robbers, BANDELET, in Architecture, any little Band or flat Moulding, as that which crowns the Doric Architevare; 'tis also called Tonia, from the Latin Tenia, which Fitrucius uite for the fame thing.

don, extended further

MANDEMEDIA Earther in Length, than in Berealth, burg core to the Math of Verifics, 57:

BANIANS, a religious Secli in the Latin; who believe BANIANS, a religious Secli in the Latin; who letter a Memorphychical is one Admirah, but neededown to release them if they size and admirah, but neededown to release them if they size and admirah, but neededown to release them if they size to make the manual communication with other Nations are fo fearful of barding Communication with other Nations has danied out of 'em, ac even nouth' em; and empty the Waster out of a Parel whee he has wall thinself. If they happen so much one another, they must be the proposed to the size of the proposed of the size of

nemerous.

BANISHMENT, or Exile, among us is of two Kinds 3
the one volontary and upon Oath, the other by Compulson,
for forme Offices or Grime. This Pandifurent is by the
Greitlant called Banamentum, and was antiently term d
Depostratio, if perpental is for a Time, Reignstein,
BANK, in Commerce, a Term given to certain Societies,
Cities, or Communities, who take on item the Change of the

Money of private Persons, to improve it, or to keep it secure.

There are several of these Banks establish'd in the several principal Trading Cities in Europe; as in Venice, London, Amsterdam, Hamburgh, Paris, &c. But of all others that of Venice is the most considerable, as being the most antient, and that whereon the others are model'd. The Bank tient, and that whereon the others are model'd. The Bensh of Venice, commonly call'd the Banco &G Gire, is properly a Board of publick Credit and Interest; or a general and perpernal Purfe for all Merchants and Tanders; eshabisfined by a folemn Edict of the Commonwealth, which enacts, That all Payments of Wholefale Merchandize, and Letter of Exchange, shall be in Banco, or Bank Notes; and that all Debtors and Creditors shall be obliged, the one to carry Debtors and Creditors Itall be obliged, the one to carry their Money to the Bank, the other to receive their Pay-ments in Bance; to as Payments are performed by a fim-ple Transfer from the one to the other; be who was be-fore Creditor on the Bank-Bank, becoming Debtor as foon as he has refigred his Right to another, who is en-tered down as Corditor in his Place; to that the Parties onsoon is to har engine this Might of hindrich Nortes we by change a Ninne, without any effective Payment being made. Indeed, there are functions effective Payment being made. Indeed, there are functions effective Payment and the second of th

Bicchange, Sc. Hence when a *Banker hail'd they broke his 2mik, to adversize the Pablick, that the Perion to whom the *Bank belong'd was no longer in a Condition to continue his Banforfa. As this Pacifice was very frequent in Italy, 'the faid the *Term *Banker*ups* is derived from the Italian *Bacco cetts, broken *Bench.

BANKER, a Perion who negotiates and traffick in the BANKER, a Perion who negotiates and traffick in the state of the state

BANKIR, a Ferfon who negodates and trifficks in Money who neceives and remits Money from Pine to the Money who neceives and remits Money from Pine to or Letters of Rochange. See Exchange, Bank, &c. In Tagly the Employment of a Banker, especially in Repub-licks, does not deregate from the Nobility and benceit in the Company of the Company of the Company and the Company of the Company of the Company and the Company of the Company of the Company much more activities that the six of the Bankers among much more activities than that of the Bankers among much more extensive than that of the *Bonkers* among us; being publick Officers, in whom were united the Functions of a *Broker, *Agent, *Banker,* and Notarry; managing the Exchange, taking in Money, affilting in Baying and Selling, and drawing the Writings necessary on all these

Occasions.

BANKRUPT, a Trader, who confurmes his Stock, or runs our in Trade, fo as nor to be able to answer the Demands of his Oreditors. His ablooding from his Place of Abode, or being denied to his Creditors, inféring himfelt to be arrested willingly, for Dobt, and suffering himfelt to

BANDEROLLE, a little Standard in form of a Gui-in, extended further in Length than in Breadth, hung deemed an Act of Bankruptey. See Commission of Bank-

BANKHUPTCY, the Fallare, Abfonding, and Relin-quilfument of Teifick in a Merchant, Banker, or other Trader. There is fome Difference bewever, between a fa-ture of the property of the property of the property tary and fraudulent, and the latter confirmed and necedity, by means of Acidents, 8°C. A Falling, or Stopping of Faymen, diminifies the Merchant's Cedit, but does not not him with Indiany, as Bankeypey does. When a Mic-Payment, diminifites the Merchant's Crodit, but does note him with Infamy, as Bankerpley does. When a Mirchant, & E. & Lille of Parker and the Archant, & C. & Lille to appear at the Evolunt, & C. without appeared Readon, this called a Falling of Professory who Bankerpley becomes open from the Day he ableand, or the Scal is affect do this Hicks. Those who full are obliged to give in to their Creditors, a State or Impensery of all their Effects and Debts, and to furrender their Books, all their Effects and Debts, and to furrender their Books, and their Effects and Debts, and to furrender their Books, and their Effects and Debts, and to furrender their Books, and their Effects and Debts, and to furrender their Books, and their Effects and Debts, and to furrender their Books, and their Effects and Debts, and to furrender their Books, and their Effects and Debts, and to furrender their Books, and their Effects and their Effects and their Effects are their Effects and their Effects and their Effects are their Effects and their Effects and their Effects are their Effects and their Effects and their Effects are their Effects and their Effects are their Effects and their Effects and their Effects are their Effects and their Effects are their Effects and their Effects and their Effects are their Effects and their Effects are their Effects and their Effects are their Effects and their Effects and their Effects are their Effects are their Effects and their Effects are their Effects are their Effects are their Effects and their Effects are their E

light on give in to their Gordeines, a State or Interpulser, of the contractive the state of the contractive the state of the contractive the state or reported fractations Tailways and Taylongues and Taylongues, as all call Acts, Obligations, (See of testing who plant of the contractive the contractiv those Days, in regard each Man, bendet as Servain, not two Horie-men to wait on him, armed, the one with a Crois-Bow, the other with a Bow and Hatchet. The Form of the Zamurevi's Creation was this: On a Day of Battle the Candidate prefented his Fing to the King or General, who catting of the Train or Skirt thereof, and making it who catting off the Train or Skirt thereof, and making it a square, return of it again, the proper Banner of Bannerer and the Sander and the Sanderer and the Sanderer and the Sanderer and the Sanderer of Sanderer of Sanderer and Sanderer a Authors attribute the Intilution of Homographic Commanded the Romess Le-licatemant of Maximust, who commanded the Romess Le-gions in England under the Empire of Greature, in \$85, This General, by they revoluting, divided England into 42 Canoor, and in their Cartons dilfirbuted 45 Kingland to whem he gave a lower of airchebing, on Occasion, un-dered from the Cartons diffirmed to the Carton of the Carton of the Carton of the Carton of Carton, un-dered from all in their refreshive Difficil, carton of the cartill Maximustry. However this, but it pursue from Ecolowere found in their relipcible. Difficils, whence they were called Batterrett. In However this is, it appears from Ferjer fort, ex. that satisfully fairs of the Military Men, as were rick enough to relia and labilitat Company of arm of Men, rick enough to religiously and the satisfully form the constraint of the Constitution trendered from Knights, bowever, that the's Qualifications rendered from Knights elsow only Batterretts; the Appellation of Knights below Company to Aparticate, and the constraint of the Co Lexrys will have Zennzerets to call'd, because of the Zennzer or Standard waved in the face of the Army at the time of their Creation. Zennzerst were fectord to none but Knights of the Garter 5 but they divaded, and at lat became excused, on the Infiltration of Zennzers by King Zenzer 1. RANNIMUS, is the Form of Expallion of any Member from the University of Oxford, effixing the Sentence and in Gene publick Place, as a Demanchation or Fromilganion of Tennal Places.

tion of it.

BANQUETTE, in Fortification, is a little Foot-Path
or Elevation of Earth in Form of a Step, along a Farapet,
or that by which the Mulgaetters get up to discover the
Coanterfearp, or to fire on the Enemies in the Moat, or in
the Covert-Way: Theie are generally a Foot and half high,
and aimoit three Foot broad.

and almost three Foot broad.

BAFTISM, in Thoology, from the Greek farvile, n. to dip
or planey, the Ceremony of Walling, or a Sacrament whenwell the ways in Indiana, and actual Sim in Addit who receive
it. The Verst prefiled this Ceremony, after Cleannelian,
on their Indiana, san placed is the longing of Jesta Cashin,
on their Indiana, san placed the Commony, after Cleannelian,
on their Indiana, san placed the Commony of Jesta Cashin,
federa, but so the place of the Common of the Common of the
federa, but so the Common of the Common of the
Supplement Lexemon medicated a rivide to preparing a Cashin
with Wite. In the Primitive Times this Ceremony was
provided by Interesting, at it is to this Dri in the Oreman
properties of by Interesting, at it is to this Dri in the Oreman Churches according to the Signification of the Word. The Practice of the Western Churches, is to sprinkle the Water on the Head or Face of the Person to be baptiz'd, except

BAR

In the County of Million, in whole Rivanal to control, the Million of the County of th Countries. I was introduced in Longiants about the De-ginning of the Otherway. At the Council of Cateloys, in 816, it was order'd, that the Pricti thould not only firmake the boly Water upon the Head of the Infaint, but likewise always flumps them in the Baion. There are abundance of Ceremonius deliver d by Ecclefishtical Writers, so used in Baptifist, which are now difus'd; the there are not want-ing these who contend for their Re-admission; as the giving

ing thofe who control for their Re-admittion 3 as the giving milk and Honey to the hepitests, in the Edyl, whice and Milk, in the BiPfl, Sec. It appears, that in the Primitive Company of the Primi hisselfine they allowed even that of the Lairy, or Women in eals of Necestife. The Control of Reas in 1002, entered, that the Freit Intual Intrinsic Control of the Control of Necestife. The Control of Reas is the Control of Fire, which is that show emission. It has Bayistin of Fire, which is that show emission. It has Bayistin of Fire, which is that show emission. It has Bayistin of Fire, which is that show emission. It has Bayistin of Fire, which is that show emission. It has Bayistin of Fire, which is the periodic Love of God, junio with a Delice no be bayistin of Lair and the Control Accessions. Bayistin, in the Printive Times, was only administed at Bayistin in the Printive Times, who was accessed to the Control of Control of Control Bayistin. So, thurly was not begin a known of the time of our lair and the Control of the Pathers not till the time of our lair and the Control of the Pathers not till the time of our lair and the Control of the Pathers not till the time of our lair and the Control of the Pathers not till the time of our lair and the Control of the Pathers not till the time of the Control of the Pathers not till the time of the Control of the Pathers not till the time of the Control of the Pathers not till the time of the Control of the Pathers not till the time of the Control of the Pathers not till the time of the Control of the Pathers not till the time of the Control of the Pathers of the Control of the Control of the Control of the Pathers of the Control of th

inflement Eurocker, when the company, man, any unbounced a ring is them to being the control of the control of

what highest by immedian, the Bettylleys was a blief of Pland where the Catechowen were rigings. In the first Times the Bettylleys was a little Chemistry and the Times the Bettylleys was a little Chemistry and Cormony. These week Feveral some and Arms in each Bettylleys, because then they Institute and the Bettylleys of the Bettylleys were only in the great Co-tics where Bithous reliefs, who showed Bettylleys to the Chemistry of the Bettylleys was completely at Festa, for the more commodious Administration of Bey-tifle. This Right was confid to barther some views the case they have been a support of the Bettylleys and the case they have been a support of the Bettylleys and the case they have been a support of the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the Bettylleys and the support of the Bettylleys and the support of the Bettylleys and the support of the Bettylleys and the Bettylleys an any Monafteries were found with hostripmed Fonts, two to cause they had hostripmed Churches in another Place: The the Biffings fometimes granted them to Monks, upon con-dition that they would have a fecular Prieft along with 'em to take care of the People; but they afterwards found

means to throw off the Pricit, and make themselves Mat-ters of the Church, and attach it, with its baptifinal Fonts, to their own Monastery.

Bar, in Heraldry, is likewife a Fifh, or Barbel, often laced in Coats of Arms, commonly in a bended leaning

Pollunc.

Borr, in Law ii a Delincition for over, or the shiring
Borr, in Law ii a Delincition for over, or the shiring
Borr, in Law ii a Othion of the mate that Right and
ii is called a Pileta in Borr when Rich a Borr is pleased,
The Word Borr is also fuel for material Borr, as the
Finces where Sorjeans or Councilions finant on please Coulor
out Lessyors who are call'd to the Borr, or Ricefield to
plead, (in other Countries call'd Licentisis) are terrif

Borrifferi. Mennes- the Riches on our Pares of the

Barrifler:

Barri, in the Menage, the Ridge or upper Parts of the
Guns, between the Under Tuthes and the Grislers of a
Harfs; the courses Michael where Mrs. as a ways. Cliff the
Grant. The Barrifler and Mrs. as a subject of the
Grant. The Barrifler and Mrs. as a subject of the
Grant. The Barrifler and Mrs. as a subject of the
Grant. The Barrifler and Mrs. as a subject of the
Harfs filler, as well on the Mrs. as a subject of the
Harfs filler, as well as the Mrs. as a subject of the
Harfs filler, as a subject of the
Harfs filler, and configurately, fine to Horte on be no
barry in Endel, and configurately, fine to Harfs on be no
barry in the Mrs. as a subject of the Harfs on be no
better general by his Barlifle, that I do no cone had off the

1311.

Bars, in Mufick, Strokes drawn perpendicularly a-crofs
the Lines of a Piece of Mufick, including between each
two, a certain Quantity or Meadre of Time, which is vatious as the Time of the Mufick is triple or common. In
common Time, between each two Bars is included the
Meadure of four Crotchers, in triple Time three Crotchers.

Their subjects to Illie in the contract the Data of Muficker

American Structure of the Crotchers, in triple Time three Crotchers.

Meafare of Far Coreches, in triple Time three Corechest. Their principal UE is to regulate the Benting or Measure of Time in a Confart. See Time.

If the International Confart See Time.

If the Internation

nience. When the Army is in Winter Quarters, the out-diers ufually build Barack; in the Summer they are con-tent with their Tents. The Word comes from the Spanish Bayraca's, little Cabins which the Fishermen make on the DERACTIPTON, a Term in Logick; a Syllogism in Baratipton is, when the two first Propositions thereof are general, and the third particular; the middle Term being the Subject of the first, and the Attribute of the fo-

cond : For Example, Every Evil ought to be fear'd: Every violent Paffian is an Evil: Therefore fomething that ought to be fear'd is a vio-

lens Paffion. BARALLOT, the Name of a Sect. The Barallus were Hereticks at Bologue in Haly, who had all things in common, even their Wives and Children. They gave readily into all manner of Debauchery, that they were also

term'd Campliers. term'd Camputers.

BARANG, the Name of an Officer among the Growter

BARANG, the Name of an Officer among the Growter

Keys of the Gir-Gates where the Emperor refided. Ga
dinns Iny, Barangs are the Chicaco and the Color

Door of the Emperor's Bed Camputer and Dining-Room.

Some think they were Englishment and Donking-Norm

room the English har, to thus or make fail. They were

h an Ax

BARBARIAN. The Greeks call'd all those Berbarians who were not of their Country; as did also the Romens, generally. This Word fignified with them no more than Foreigner, and did not carry that Odium with it as it does now. This may appear from those Lines of Ovid, who was cer-tainly a well-bred Man.

Barbarus bic ego sum, quis non intelligor ulli, Et rident stolidi verba Latina Gesa.

Strake decirca the Word Jasobieth from skuljani, e., halla-ira, by resido Percippen coming to Juliesa used to stam-ira, by resido Percippen coming to Juliesa used to stam-word that Percippen frequently identified on, which yet bad on Measing; when from the Arabiet Burn. 2 Defarts and Fifthis time. He Caladee Alevel NOV, extent, Julies 10 High time the Caladee Alevel NOV, extent, Julies percilion, and fisch as is not used by politic Auchters, to a Paul between a Selection and Impropriety, and is commis-ed by using any foreign Word or Flende, nor faired to the Premoun, or Prepriation, where they are needlers, Julies 4th, 1956-joint, 18c. confine the Starbarrija no a fingle Word; BARRB, in Commerce, a kind of fleric broads from

but Foregotal extends it to Pintiss.

BARRE, in Commerce, a kind of Horfes brought from
Direktory, much effected for their Vigora and Swiftned:
Direktory, much effected for their Vigora of the six payer.

The Admin, refer Backs gover right for sever
sold, because they cents their Vigora to the last, which
contently wild, and may a legge in the Director of Jerkies and
that it was in the Time of Cloyal Hosses, that they find
that it was in the Time of Cloyal Hosses, that they find
that will outure Offichies, ordinarily fold, according to
Diriptor, for too Ducars, or no Camela. They are fed
ded, that in Barken's they preferre the Genselogy of they
ded, that in Barken's they preferre the Genselogy of they Deltyr, for root Ducats, or roo samens, any, an ex-very hardight; Jarger fays with Carmer's Milk. The after every hardight; Jarger fays with Carmer's Milk. The after Harding with a much Carre as the European do those of their robble Families and that to fell (m, they always pos-duce thair Tains of Nebrilly. To fire as Barks, is to for the Carmen over the European indeas of the the Embra-saires is but in this cale the European and to the the Embra-saires is but in this cale the European and the to-the Hordes of the antient Knights, and Soldlers, who were exceeded as Il Plants. La European kny, the Shall. Breath, and Shoulders of the Horde are covered: ARRIOTINES, a Grins, otherwise Lilled Saware Survey.

BARBOTINE, a Grain, otherwise call'd Semen Santo-icum, and Semen course Vermes, or Worm-Seed; which

BARDESANITES, an Hererical Soft, the Followers of Bardelines, of Melippotamia; who as foon as he became a Christian, diffinguish'd himfelf by his Knowledge in Philosophy, but afterwards renouncing the Christian Religion, embraced the Errors of Valentinus, and added to them others of his own: He afferred the Actions of Mankind to

enhart of his own: He affered the Afthen of Mankind is depend on Parts. Ill Sellowers interested other Netions, the depend of the Netions of the Netions of the Netions of the Netions of the Netion of the Netion, the Object of the Netion, but the laters were Print and Teachers of the Netion, but the the laters were Print and Teachers of the Netion, but the the Netion of the Netion, but the Netion of Netion of Netion of Netions of Net depend on Fate. His Followers invented other Notions.

Uses and Structures: As,

A Company's Barge, A Roce-Barge, A Sevem-Trow. A Ware-Barge,

A Royal-Barge, A Light Hoffman, A Sand-Barge, A Well-Country-Barge, A Well-Country-Barge. BARK, the exterior Part of Trees, ferving 'em for a Skin or Covering, (See Flaust.) There are a great many kinds of Barks in ule in the feveral Arts: Some in Medicine, as the Berks in uốn the feveral Arvs. Some în Medicine, as the Zimpiunia, or Joylui Bark, Marce, õc. foc Gorbers outhers in Dyring, as the Bark of the Blader or Flittines; others in Dyring, as the Bark of the Blader or Flittines; others in the Bark of Ook in Tuming, for Graming; orders on other Occasions, as Cort's; that of the Linders Tree for Cordino, for Wellas, that of a kind of Brade vide of by the fudents for Canons, capable of hedding as Persons. The Ansterna were trusted Book on Barks, officiality shall be if the Affi-tive of the Ansterna of the Ansterna were trusted Book on Barks, officiality shall be if the Affiand Linden; not on the exterior or outer Bark, but the inner and finer.

inner and finer. Trees it secret is of a fronty Tree. The Both of the Tree is the Control of the the inner Bark and the Wood, which Mr. Breaky thinks the inner Wark and the wood, which Mr. Pressey thinks to do in Orlife of Veins, form account stirt Bark, only dif-fering from the others in that its Fibres are closer; 'es this contains the liquid Sap, Gums, 'Se. found in Plants in foo Spring and Summer Months, It hardens by little and little, spring and Summer susems, it narries by lutte and attic, by means of the Sap it transfinits, and is converted imperceptibly into the woody Part of the Tree. There are few Trees but what have it; yet 'is still found in less Quantity, as the Tree is more expoded to the Sun; that of the Oak is ordinarily about an Inch Diamorer. "The here that the Corruption of Trees generally begins: where these the Corruption of Trees generally negative whence these who foll and cut our Trees, ought always to take care to leave as little of it on, as possible. See Wood.

In the two lastics they manufacture the Bark of a certain Tree into a kind of Stuff or Cotch. This from and deptid much after the manner of Hemp. The long, Filaments fe-

Tree into a kind of Stuff or Cloth. 11st fpun and circus a much after the manuer of Hemp. The long Filaments feparated from it, upon beating and feeping it in Water, compose a Thread, of a middle kind between Silk and common Thread; neither fo foft not bright as Silk, nor so hand a common thread; neither fo foft not bright as Silk, nor so hand the stuff water so the stuff silk silk in surger great and

mon Through neither is 60 firm be beight as Sills, nor 60 hand or 40 at a Herm, 50 meet of their Stuffer are pure Bert, and the sills with the sills and the sills with the sills with the Start, and call 'Mon Got. In other them the Silk with the Start, and call 'Mon Got. In other them the Silk with the Start, and call 'Mon Got. The Start and the Silk with the Start, and call 'Mon Start and Star no Masts. Of Barks there are various Kinds: As,

A Binlander, A Sack, A Sknit, A Sneu A Sattee, A Smoothe.

BARK-BINDING, a Diffemper incident to Trees, curred by flitting the Bark, or cutting ir along the Grain of

real by fluting the Bork, or enting it hongs the Armin are BARK-GALLNG, is when Three are guild by Theory or by being bound to Stakes, feb. and is coverd by City hild entire 1000 Text, and bound up with Hay Stripping the Bark GALLNG and the Bark Stripping the Bark Stripping the Bark Stripping the Bark Stripping the Strippi

ferve in Miffions. This Order was founded by Antoine Marie Zacariab; they were call'd Barnabites from the

Mérie Zueriels ; bew evec cilil Bernabire fom the Church of St. Exteriels, va Milia. Church of St. Exteriels, va Milia. Church of St. Exteriels, va Milia. Frequent smoog the Weitern little of Statistical; the masser of whose Prochion has accessined from Speculations among the Learned. The Bernatids, va first, appears in forms of the Learned. The America, va first, appears in forms of the Church of the Chu term Orean supon the Shores. "The SiGal, Six Rebra Morry great is we refemble with red Market in Colour and Arry great in the Colour and the Colour and Arry great in the Sigal, and the Colour and Arry and the Colour and Colo

Farn Serving o Generation, and that they are both Male and Female. The Ferrole exter the Rerry of earth Edward, and throughout all Lett, talking it for a little of 8 th. Species of the Small Active talking it for a little of 8 th. Species of the Small Active talking the Mallingship.

BARNACLES, Horfe-Twinkers or Brates, are Inframents which Enterins apply a Medic's Most when they will be a support to the Small Active talking ta

Every Virtue is attended with Discretion Some kinds of Zeal are not attended with Diferetion: Therefore some kinds of Zeal are not Virtues.

BAROMETER, a Machine for measuring the Weight BAROMETER, a Machine for mealuring the Weight of the Atmosphere, and the Variations therein, in order chiefly to determine the Changes of Weather, from the Greek \$45%, onus, and \$450e, mentions. The Barometer is frequently confounded with the Barogloops, the formewhat in the confounded with the Barogloops, the formewhat as respectively, the latter, in firsthere's, the formewhat improperly; the latter, in firsthere's, being a Machine that barely shows an Alteration in the Weight of the Amog-phere: but 'is one thing to know that the Air is hearier at one time than at another, and another to measure how much that Difference is; which is the Business of the Ba-

The Barometer is founded on the Terricellian Experiment, as 'tis call'd from its Inventor Terricelli: which is no more than a Glafa Tube fill'd with Mercury, her is no more than a Galas Tube third with Microwy, bet-merically feaff at one End, she other open, and im-mergfd in a Bason of fuguant Mercury. Now, as the Weight of the Ammofever diminishes, the Mercury in the Tube will here defends, on the constray, as it increased the Mercury will again afternal the Column of Mercury faspended in the Tube being always equal to the Weight of the incumbent Atmosphere; as is fuewn under the World

The Michigal of the Basometer is at follows.

A Glish Tube A B, Plane Paramatrick, Fig. 1, herma-cically facil in A, heaving its Dimenter about 12 of me-lanily facil in A, heaving its Dimenter about 12 of me-land and the second of the second of the second of the Microary fo jully, as not to have any Air over it, nor any Bubbes address to the Size of the Tube 2 which is best done by means of a Glish Fannel, with a capil-manare, fo as to corden, it is cliedly perfect by the Filings, fo as to exclude any Air letteren it and the Mercary, and thus immergle in a swooder Volle, of a concretaint the Dilstane of a S Inches from the Sarthee of the Mic-cay, are fixed your Paraes, C.E. and Da, direled lone to the Diffance of 18 Inches from the Surface of the Mer-cury, are fixed two Plates, C.E. and D.F., divided into two Inches, and thefe again fubdivided into any Number of final-ler Fatrs: Latify, the Tube is included in a wooden Frame, to prevent its being booke; and the Bafon, the open to the Air, fecured from Doft; and the "Bafon, the open to the

Many Attempts have been made to render the Changes in the Barameter more furfible, and so to measure the sh-mesphere more accurately, which has given Rife to a great Number of Barameters of diffuent Structures. Hence comes the Wiset Barameter, "Diagonal Barameter, Her-nomial Barameter, Pendana Barameter, &c. of each wherein their turns.

of in their turns.

**Der*Correct, and sfore him **Bayerse, u.k.d. a Take A.B. p. **Der*Correct, and sfore him **Bayerse, u.k.d. a Take A.B. p. **Der*Correct, and sfore his his distribution of the state of the state, and the lower true of the Take, with Mexeury. But here, the the Column state of the sta Mercury (the common Barqueter flanding about 20 Inches)
which will be suspended between the middle of the Veffel which will be fujerajed between the middle of the Vente FE, and that of the Veffel B GC, the remaining Space to A, being void both of Mercary and Air: Leftly, common Mater, ting d with a fach Part of Aigha Roght, to prevent its freezing, is pour'd into the Tube F G, till it effer a Foot above the Mercary in DF. When, then, the Mercary infing above the Level of that contained in F E, through the Tube Material Control of the Control of the Control of the Control of the December of the Control of th above the Level of rhat consisted in F.E, through the Take AD, becomen a Bulkanes on the Weight of the Attemplers, increase, confequently the Water will defend; as the A-maphere aging going lighest, the Colomo of Mecrory will mapped the Administration of the American States of the mapped the Administration of the Administration of the Con-traction of the Administration of the Administration of the Administration of the Administration of the Administra-tion of the Administration of the Samuel States of the Administration of the Administration of the Samuel States of the Administration of the Administration of the Administration of the Samuel States of the Administration of the Administration of the Administration of the Harismanel, of Refliguence Browners, AB CD, Erg. 6.

formaning temp. On account of this Dekth, others have had recount to a **Entligative Browners**, AB CD, Fig. 4, the 'Thès whereof is beat, in form of a Square BC D₁ at some of in perpendical Eq. is jivid to a Vettle of College AB D₁ and in Variation accounted on the Ho-Variation and the state of the perpendical Eq. (and the AB D₂ and in Variation accounted on the Ho-Variation, may be made of any Excess of the Ho-Variation, may be made of any Excess at perfect, and for the minested Change in the Air become facilities. For finding the temperature of the AB D₂ and the Dismetter of the Vetfal AB p. the contribution to the Scale of Alexen in the Vetfal AB; the the Their is shirtly all the the Their is a first-plant of the Table in the Welfal AB; the The Diameters then of CD and AB being piran, specifies the Their is a first-plant of the Table in the Register of the Diameter of the Table is the Square of the Diameter of the Table is the Square of the Diameter of the Table is the Square of the Diameter of the Table is the Square of the Diameter of the Table is the Martin of the Table in the Martin of the Diameter of the Table is the Martin of the Diameter of the Table is the Martin of the Diameter of the Table is the Martin of the Diameter of the Table in the Martin of the Diameter of the

founded on a Theorem in Hyperdituces, use, that remains being the found fall, provides according to their perpendicular Altitude, was according to the American Matter; whence the fame Weight of the American poets the Quickfliver that fills the Tube A D and the Giften B, as would support the Mercury in the Tube alone, See Hydrostaticks

See Hydroglanck...
This lift however, with its Virtues, has great Defects of the Justice of the Astraction between the Parts of the Cools and of the Mercury, (which Dr. Ngwir has there on the Country of the Country of the Country of Mercury, of the Country of Mercury breach, some Parts of it are left behind, and the Equability of its Reliand Fell inside Alle and England Parts of its reliance to the Space of Variety of Mercury breach, and the Equability of its Reliand Fell inside Alle and the Mercury breach in conflictably larger than in Store the Space of Variety of Mercury breach in Section 1991.

confidently larger than in the common one, and yet the Refe and Hill more regular than in the others. The Foun-Refe and Hill more regular than in the others. The Foun-liar Pube A B, Fig. 3, inclined at early Angle to the Hotten-the Cylindizer of Moreavy equivalent to the Amughlerr, is to a Cylindizer of Mercary, equivalent to the Amughlerr, is to a Cylindizer of Mercary, equivalent to the AB and the perspective the Height B C. Hence, if the Height B C be fabrispic, fabruarderspic, effect of the Length of the Tube, the Congest in the Disposal Bergousture of the Tube, the Congest in the Disposal Bergousture.

be double, or triple, &c. of the Changes in the common Barometer. This Barometer will fearer allow its Tube to be inclined to the Horizon at a left Angle than 450, without

be meaned to the Horison at a less Angle than 450, without undergoing the Inconveniency of the Horisontal one.

West Barometer is a Contrivance of Dr. Hook, to make the Alterations in the Alt more Sentible; the Foundation of this is the common Vertical Barometer, with the Addition of this is the common Vertical Barometer, with the Addition of the Senting S of this is the common Ferrical Resonators, with the Addition of a couple of Weights A and B, Fig. 5, Integring in a Palley, tie one playing at libercy in the Air, the other rafting on the Surface of the Mercery in the Tube, and filling and Lilling with it. That is the Motion of the Mercery communicated, by means of the Tubey, to an Index which turns round a gredusted Greley, and thus the two Reduces of the Common Conference of the Conference

lackes, is fo conflicientles, that undefi the Machine be made with a great deal of Accuracy, it does one ariseve. Perduat Beconvert is a Machine estater peetry, and con-our, than wield. It centifi of a contain They harder with the control of the contain the contain the contain that to Victi or Collent, it contail Figure Capplying that Defects for whom Fill, the for etch, there will be an under Mecuray fulnish a is equivalent to the Weights of the Air month/ore; and as that varies, the time Mecuray takes up a different Part of the Takes, and to becomes of a different Weight. Thas when the Weight to the Airmonte of the Weight. Thas when the Weight to the Airmonte of the Airmonte of the Weight. Thas when the Weight to the Airmonte of the Airmonte of the Mental Capple of the Airmonte of the Airmonte of the Airmonte of the Mental Capple of the Airmonte o Weight. Thus when the Weight of the Assumptions is in-creased, the Mercany is driven to pine a narrower part of the Tube, by which means its Column is lengthered, and, for the Resido in figure, in Weighty final is no wider and the state of the transport of the state of the Part of the Tube, by which means its Column is fluenced, and in Freditic accordingly weakend. Thus the farm Mer-cury is fill a Balance to the Assumption of the Weight of the Column of the Column of the Column of the Column taken. The Incorrections in this Bernstein's is, that

ations. The Inconvenience in this Barometer is, that to prevent the Mercury and Air from changing Places, the Bare of the Tube must be very imail; which Smallnefs of the Bore renders the Friction in Ienfible, as to impede its

the Bure renders the Frittino Is families, as to impude its propriet.

Burghard and the second of the second of the Waves renders the observing medical second of the Waves renders the observing medicals. The nothing more than a double, to be suited at Sea, where the Marion of the Waves renders the observing medical second of Wanes, the one hermerically facilly at both Bealt, with a Quantity of comment. It included, I not facilly at one able to act on the Spirit of Wine, and to raile it two ways; the one by its Garriago, as in the Strengthest Fides; the tree Tubes be gardanted, for as a superconduction of the tree tree than the second of t

uning our expensivy on one of the consecution and the count flow port of the count flow por

and his from the order at Bottom, which we call the Table this Pipe is to fishish the Inflament from fixking to the Battom, m of all Wayers and set worthwards designes to the Battom, m of all Wayers and set were the Annual State of the Water and the Annual State of the Water out the Annual State of the Water of the Cambridge of the Water out the Annual State of Water out the Batton State of Water out the Annual State of

is in Use on predicting the weather yes periodity sleering Con the top of Second Hall, is at Parth high, Dr. Halllop found the Meterny lower by 3 inches W Tembs than at
the Foot thereofy, where it appears, that at every 50
Tarch the control of the Property of the Control
Tarch the control of the Control
Tarch the control of the Control
Tarch the Co

The grandf Height the Mexery has been known to find at in the Tarmeter at Lines, is 10 slocks, 11 in Idad; 81 inches; 10 greated Height at the Observatory at the Idad; 81 inches; 10 greated Height at the Observatory at the United States, 12 inches; 10 i der the Word Torricellian.

der the Word 2 orzeetiken.

The Phanomena of the Barometer, Mr. Boyle observes, are to very precarious, that it is exceedingly difficult to form any general Rules about the Rife or Fail theroof. Even that which seems to hold mod university, vie. That when high Winds blow the Mercury is the lower, sometimes

Dr. Halley gives as the following Objervations.

That in ealm Weather, when the Air is inclined to Rain, the Metcury is commonly low; in ferene good fettled Weather, high.

ther, high. That on great Winds, the unaccompanied with Rain, the Mercary is the lowerfor all, with regard to the Potat of the Companie Newal Down or. This, aren't jurishing, the Companies of t

Dr. Beal observes;

That, ceteris paribus, the Mercury is higher in cold Weather than in warm, and ufually in the Morning and Evening higher that at Mid-Day.

December 1982 that at 1916-1989.

That in fettled and fair Weather, the Mercury is higher than either a little before or after, or in the Rain; and that it generally defeemds lower after Rain than it was before it. If it chance to rife higher after Rain, is is generally follow'd by a fettled Screnity.

mily filtured by a fertical Security.

That there are frequently great Changes in the Air, without any perceptible Alteration in the Barmaners.

Fee the City of Barmaners in ingenious Author dolleres,
Fee the City of Barmaners in ingenious Author dolleres,
Fee the City of Barmaners in the Security of the City

mining in the open Air, as they generally do, a pub your

lancimperance, corrupting the Craiss of our Seefact Raily has
found in the City of the Mercany for bedoed fair Verse

for an Air City of City of the Mercany for Feedback fair Verse

there after fool, and an Easterly or North-Easterly Wind.

That the Failing thereof portends Southerly or Westerly Winds with Rain, or flormy Winds, or both.

That in a Storm, the Mercury beginning to rise, is a pretty sure Sign that it begins to abute.

Mr. Patrick obterves, that in hot Weather the Falling of the Mercury prefages Thunder; that when fool Weather happens foon after the Fall of the Mercury, it feldom holds long; and the fame is observed, if fair Weather forceed

long; and the time is observed, if har Westerr increase
predently after its Rife,
Laftly, Mr. Derbam, from a long Series of Barometrical
Observations made by Dr. Schember, at Zarveb, compar'd
with others made at the fame times by himselfat Upminifer,
observes that throughout the whole Year the Mercury was lower at the former Place than at the latter, by formetimes one and formetimes above two luches; the the Difference at a Medium he computes to be about half an luch; and thence concludes the Situation of Zarieb to be near? of thence conclines the orthanno of Zerreo to be mear we an Englib Mile higher than that of Ephinipler. He found, however, a confiderable Harmony between the two 3 the one usually riting and falling, and that much or little, as the other did it to this Harmony is not to complete, as has been observed in Bernmeters nearer home, as at London,

been obler'd in Beremeters naiver bone, as 'at Leulen, Parin, In Leubell's Vicanomous of the Birometers. These are the Theorement of the Birometers, even for which, the Hydridy it have been famely as are almost infinite. Indeed, as the Weight of the Limi-reation of the Limited States of the Limited States of the research, by the generally granted, that the Aircration is the Weight of the Afs, are the Occasion of these in the Dr. Lifler, for indince, accounts for the Clarging of the Bernetter from the Aircration of Heat and Cold. This, he tays be the Company of the Company of the Lifler, for indince, accounts for the Clarging of the Bernetter from the Aircration of Heat and Cold. This, he fays, he has eften observed, that in Soormas, Efe. when the Mercury is at the lowest, it breaks and emits small Par-ricles, which he calls a kind of prettings; and argues, that in all times of its Descent, it is more or less on the Freet. In this Disorder, he think: renes, which the cause a wine of pretrings; and signess, that in this Difficulty, the thinks, in Farras economical and shought clafer superbor, and for that reason delecad. Bender, clafer superbor, and for that reason delecad. Bender, the contract of the contract of the contract of the clafe in case and those fining into the Top of the Takes, the Mexamy mult finis, both from the Column's being flor-tering the contract of the contract were convaled and drawn inspective. But this Account, how-vered the contract of the contract of the contract were convaled and drawn inspective. But this Account, how-ver convaled and drawn in protect. But this Account, how-were convolved to the contract of the contract of the traction and the contract of the contract of the contract for the contract of the Manager to determine, there being prelayers, so one Physical

shoke Aireartoms siftle in the Atmosphere, will be one safy Matter to determine; where being perhaps, no one Princi-ple in Narue, that will account for fach. Varlety of Ap-wind, and without the control of the control termine, and without the control of the control winds, and without his or that ways, have a gest Share in earny termine. The control of the control of the Earth may have, forter, the Changes in the Alto'th ex-terior of the control of the December 1, which will be also the control of the December 1, which will be also the control of the December 1, which will be also the control of the December 1, which will be also the control of the December 1, which will be a proposed to the control of the December 1, which will be a proposed to the control of the December 1, which will be a proposed to the control of the December 1, which will be a proposed to the control of the theory of the control of the control of the control of the control of the period of the control of the control of the control of the control of the theory of the control of the control of the control of the control of the theory of the control of the theory of the control of the co

and on their footing gives us a very probable Rationals of the Bernstern et hobbitions of white may be find on that II.

1. Then, the Wiels and necofficity size the Weight of the Air in any princial Country, and that, other bringing together and accumulating a greater Quantity of well better and securation of the Air in any superiodal Country, and that, other bringing together and accumulating a greater Quantity of well be the Cafe, as often as rew White ablow at the firme mine from opposite Points towards the time Point; or, by Lond, give room for the Amplitude of the Point of the Air in the Air i

Vapours; which being likewise intimately mix'd with set, and swimming every where oquably throughout it, make the Weather fereno and filt: Again, the Air being made lighter from the course year. Cases, it becomes usable to support the Vapours wherewith it is repliet; which therefore precipitating are gathered into Clouds, and those in their Progress coalcide into Drops of Rain.

Progrets coaleice into Drops or Main.

Thefe things observed, it appears pretty evident, that the fame Caudis which increase the Weight of the Air, and make it more able to fuppore the Mercary in the Berometer, do likewife make a ferene Sky, and a dry Scafon; and the fame Caudes which render the Air lighter, and lefs able to fuppor the Mercury, do likewife generate Clouds and expression of the Mercury of the

Hence, 1st, When the Air is lightest, and the Mercury

Hence, 18, When the Air is laghtedt, and the Mercaugi in the Bereaurer bouch, the Clouds are very low, and more breifty; and when after Rann the Conds break, and 4 caim Sky sight infines forth, help upped 6 in Varyons, caim Sky sight infines forth, help upped 6 in Varyons, and iffined as ally Preficed of remove Objects, and the Mercary Hand higher in the Tube, the Westher is offen, it comewhat explain the Air is haviver, in the Mercary Hand higher in the Tube, the Westher is offen, it comewhat explain the control of the Comment of the Comme swellberg could not

mulphere could note.

"By", Hence In it, that with nathe Lecturer Branch High"By", Hence In it, that with the Lecturer Branch Highgreen the North on North-East Corner; for in that Cale there note
were Winds howing wourds as at the fine time, and from
opposite Corners, there being a contains Well wind faund
opposite Corners, there he wing a contains with wind faund
out. To which we may add, that in a North Wind, the
cold conclosed Air of the Northern Burns is brough thirter.

The Moreary is more faulithe than the Southern more,
the Winds being Bound both more fireign, more frequent,
more various, and more coprision to acht other in the Soumere various, and more coprision to acht other in the Southern more.

mer than the latter.

**Leftly, Hence it is, that between the Tropicks, the Variation of the Mercury is fearce femilie; the Winds there eing extremely gentle, and ufually blowing the fame

Now, this Account, however well adapted to many of the particular Cases of the Baremeter, yet comes short of some of the principal and most obvious ones; and is, be-

formed the pithelpal and most obvious occus; and its, befields, likeho to feveral Objections.

For, 1/1, 1f the Wind were the fole Agent in effecting
block Alternation, we floud have no Alternation without a
field and the state of the Agent in the state of the
Mexary; both which are contrary to Experience
of the Mexary; both which are contrary to Experience
and y. If row/Winha he fupperal absorting from the firme
Place, viz. Anne An, opposite ways, ere. N. E. and S. W.
there will be two online; blowing from oppine Polons, ere.
N. W. and S. E. to the firme Fixee; which wo will will
as a the offere firmer from it. Or that the owner the Polons, and
a the offere firmer from it. Or that the owner the Polons

there. Will oblive the county from significance county with the county of the county o

meeting with other Veficles not yet promeeting with other Veficles and yet protice of the property of the programme of the pro
gramme of the pr Jamesery and tail of the latter, as the Cohe of the Jamesery and tail of the latter, as the Cohe of the Surface and Mais 43, after Coultino, in 1 in Dismerts the 5, its Surface are Mais 43, after Coultino, in 1 in Dismerts the 5, its Surface are Mais 4, and the state of the Surface are the Medium. This is evident; for a type the Refellman of the Medium. This is evident; for a type the Erichion of the Medium. This is evident; for a type the Erichion of the Parks and the Surface, where the Priction is evidently as the Surface : cherelous, where the Priction is evidently as the Surface : cherelous, where the Priction is evidently as the Surface : cherelous, where the Priction is evidently as the Surface : cherelous, where the Surface is chimically, and in Georgia and that with a Velon of the Surface. In their Deform, as they arrive as denies of the Surface. In their Deform, as they arrive as denies of the Surface. In their Deform, as they arrive as denies of the Surface. In their Deform, as they arrive as denies of the Surface. In their Deform, as they arrive as denies are the surface and the surface and

Rain.

Now that the Vapous are got down. For its contact how a few of the Vapous are got down.

Now that the Vapous are got down for the valence for the Vapous are got down.

Eve any of the Vedical-bears to added in their PaligoEve any of the Vedical-bears to added in the Vapous are a few of the Vapous are a few of

BAR

nind, i.e., no fail, in Weight exists on make a Part of that Coule a storchial, their Surfaces, and confequently their of the Fadly which by this means becomes higher. Thus, Friction in Infection in Infection

sam een, which were the great Defidences in the Fisholostate con, which were the great Defidences in the FisholoLe bat one Objection that its against this Theory and the thin. That the Veficies being par in Mation, and theiring against the Particles of the Medium and one are sufficient to the Particles of the Medium and one strength of the Particles of the Medium and the According to the Medium and the Medium and the According to weak the Medium and the Medium and the According to weak the Medium and the Medium and the According to weak the Medium and the Medium and the According to weak the Medium and the Mediu incombiotinese; bennets, must the #1 horrier ext. the actually be cauchly used, by results of in externe Solar by the care of the property of

of had their Barons; and in Chefbire there is one fill shifting, via. the Barony of Burford. But as no Bifhop, land had their Burway; and in Cleffore there is one BIII shiftling, see, the Burway of Burford, Burs an Brilling, the Burway of Burford, Burs and Burbay, the Resist, (for the Billion of Soder and Alex, balding immediately of the Burbay of Soder and Alex, balding immediately of the Burbay of Soder and Alex, balding immediately of the Burbay of Soder and Alex, balding in the Burbay of the Burbay of the King, the Burbay of the Burbay of the King, Burbay is also wide on collects, as the Burbay of the Exchanger, of whom the Land Cleff Burbay is the chief, the Wilson and Machina, in Caland of Julice between

turce otners are his Affiftants, in Caufes of Juffice between the King and his Subjects, touching Matters belonging to the Exchequer and the King's Revenue. They are called Berons, because Berons of the Realm were and to be im-ployed in that Office. Their Office is also to look to the Accompts of the King; to which and the hard are ccompts of the King; to which end they have Auditors ader them; as well as to decide Caufes relating to the under them; as well as to decide Caufe's relating to the Revenue, brought by any means into the Excelegator's. So Revenue, brought by any means into the Excelegator's. So the Law; whereas formedly they were Meliorit & differ-tives in Regon, few & Clears of different few de Carries. Six William Stoughe lays, that Barrones were originally the William Stoughe lays, that Barrones were originally the heart of the Carries of the Carries of the Carries of the William Stoughe Lays that Barrones were originally the heart of the Carries of the Carries of Societies, and the heart of the Northern Innates, fush as the Goding, Sec. sice to di-vide among their Generals, and chief Commanders, as the final lay Sincer, divided among the Soddien, were call'd he final lay Sincer, divided among the Soddien, were call'd

who fimilite Shares, divided among me sounters, were cause Fends, or Fegs; a Fends, or Fegs; a Fends, or Fegs; a Fends, or Fegs; a Fends or Fegs of the Congrae-Pers; shich are the Three are all Bands of the Garden Shares of the Congrae-Pers; a Fends of the Garden Shares of the Congrae-Pers; Berner is all of the Critic Bond, in elabition to the Wife; which we in Law are called Borne and Fenn. The Chief Magnitarest flood the Critic Allegor, were called Barrest. Sharesge derives the Word Eneror internet Laint Barrest. Sharesge derives the Word Eneror internet Laint Barrest. Participation of the Word Eneror internet Laint Barrest.

in its original Senie to fignify, a moreousry Soldier. The Mcflicurs of the Port Reyal derive it from \$40\text{Post} Ambority, Poecer. Given uses the Word Bare for a fin-pid brutal Man. And the old German; make mention

fign-Bearer.

BARON AND FEME, a Term in Hersidry, when the Cost of Arms of a Man and his Wife are born per Pale in the fame Efcuschoon, the Mars being always on the Dexter Side, and the Woman's always on the Siniter. But here the Wife is not an Heriefs; for then her Coar mult be born by the Husband on an Incinuchcon, or Ef-

utcheon of Pretenc

BARONET, a Diminutive of Baron, a Dignity or De-gree of Honour next beneath a Baron, and above a Knigkt, having Proceeding of all other Knigkts, excepting those of the Garter. This given by Faten, and is the lowest De-proce of Honour that is Herceltary. The Wead Baroner is ulcd in fonce of our old Statutes, U.S., for Banners year callsty in a Statute of Richard II. The Order of Barocalaty in a Statute of Richard II. The Order or Buss-nests was founded by King James I, in 1611, who raidd cm in lieu of Knights Hannerett; or, as others will have it, in lieu of the auritor Valuelyers. They had devent con-faderable Privileges given 'em, with an Indocentum to them and their Heis Male. They were allow'd to charge their Cost with the Arms of Utilery, which are in a Field Argent and main them count. They were how to the proper theory at Hand Goles you had not upon confined at Hand Goles and hat upon condition of their defending the Powins of Uffer, in Intends, against the Recksh, who and keep up to Saddiers, at their own Repeace, for there Yam negelets; or, to pay into the Eurobysters, Sum full-record to the Control of the

This Barreey, according to Bredlen, is a Right instifible.
Wherefore, if an Inherirance be to be divided among Geparence, the lone Cripini Meningers may be divided, where the Cripini Meningers may be divided, when the Bredlen and the Bredlen is the Bredlen and the Realine II, and II years, it may not be parcefully and the Realine II, and II years, it may not be parcefully and the Realine II, and II years, it may not be parcefully and the Realine II, and II years, and II was the II was a support to the Realine III was a support to the Realine II was a support to the Realine III was a support to the Realine II was a support to the Realine III was a support to the Realine III was a support to the Realine III was a support to the Realine II was a support to the Realine

BARUSCOFF, a Macinite to new the Autorations in the Weight of the Autofiber, from back), outs, and associate, outsets. BARRATRY, in a marin Senfe, is the Mafter of a Ship's cheating the Owners or Influence, whether by running content in the State Charles have been been been associated by the content of the State Charles have been been been associated by the content of the State Charles have been been been sentenced. away with the Ship, finking her, deferring her, or embea

away with the Ship, finking her, deferring her, of embers, learning to the BRARKIL, 2 Verific of Mendrer for things liquid. The BRARKIL, 2 Verific of Mendrer, 56 Gallous, or half of a Hoghbead. Also or Beer Mendrer, 56 Gallous, or half of a Hoghbead. (See Afforders.) The Burrel or Burrello of Florida and Company of the Burrel or Burrello of Florida and Company of the Burrel or Burrello of Florida and State of State. In The Burrely of Partle of Partle, constitute to First, or at Seption and as half, four Burrelpow and there Medid.

Barrel is also used for a certain Quantity, or Weight, of feveral Merchandizes; which is various as the Commodities Berret is allo del de a cercia Quantity, or Weight, of The New York in vision in the Commodities of the Comm

rives the Word from the Italian Bertrature, Corruption, or Bibliery in a Judge. a military Term for a Fortification, or BaRRICADO, a military Term for a Fortification, or Retrenchment, Bally made with Veffels of Earth, Carts, Trees, Ge. to preferre an Army from the Enemy's Shot, Trees, Ge. to general Matter of Barricado's in Trees, which are the general Matter of Barricado's in Trees, which are the general Matter of Barricado's and Half Piles, bound about with Iron at the Feer, as well the Huffel as Fort.

bound about with Iron at the Feet, and ufusily for ap in Felinge, or Benches, to keep back as with the Hoffe as Foot-lings, or Benches, to keep back as with the Hoffe as Foot-les, and the Hoffe and the Hoffe and the Hoffe and the Hoffe R. Markelling, a kind of Footline and the Hoffe and the Hoffe as ufusily made of great Stake, show four for the rot on the top the Hoffe and the Hoffe and the Hoffe and the Hoffe and show that the Hoffe and the Hoffe and the Hoffe and Footline and the Hoffe and the Hoffe and the Hoffe and foundation and the Hoffe and the Hoffe and the Hoffe and foundation and the Hoffe and the Hoffe and the Hoffe and foundation and the Hoffe and the Hoffe and the Hoffe and the Hoffe and foundation and the Hoffe and the Hoffe and the Hoffe and Hoffe and the Hoffe and Ho

Barriers have been likewise used to figulfy a martial Exercise of Men, armed and fighting together with short Swords, within certain Rails on Barr, whereby they are in-closed from the Spectators.

accents on both, firmed and uplanty together with floor clock from the Speckettene. Box better byte are in-clock from the Speckettene. Box Newty they are in-clock from the Speckettene. Box RNASTERS, in Law, Perfons who fir their long Study, and Xenorolog of the Common Law, see call for the Common Law, and the Common Law, and

DBNP DESTRICT, in Heraldry, is the half of the Clofet, and the quarter of the Bar.

BARKIY; when an Eleutcheon is divided Bar ways into an even Namher of Partitions, it is expret'd in Blason by the Word Barry, and the Number of Pieces is to be fige-

cified: But if the Divisions be odd, then the Field must be first named, and the Number of Bars expressed.

BARRY-BENDY, is when an Efcutcheon is divided evenly both Bar and Bend-ways, as thus, Barry-Bendy, Or, and Sable.

BARRY-PILY, is when a Coat is thus divided, and it is to be blazon'd Barry-Pily of eight Pieces.

BARTER, in Commerce, fignifies to truck, or exchange one Commodity for another. The Word comes from the Spanifit Barstar, to deceive or cheat in barsgaining the happ, because tobde who deal this way, usually endeavour ch one another

to orsereach one another.

BARTON, in Decumber, and the Weft of England, is add for the Demotie Lank of a Manner, for the Manner, the Committee of the Manner, the Committee of the Manner, the Manner, the Manner, the Manner, the Manner Manne lays, and the state of Memory, in it were represented 16 Children playing on the Banks or the Nile. He adds, that the Statue of Memons, in the Temple of Sorspir, at Tebes, which neighed at the Rifing of the Sun, was made of this Stone. Most of the and the Sun, was made of this Stone. Most of the and the Sun, was made of this Stone. fing of the Sun, was made of this Stens. Most of the anique Engystens Egysters remaining, are a represently of this Stens. Some of the Anteins call it Labit Labit, and the Stens. Some of the Anteins call it Labit Labit, and the Stens. Some of the Anteins call it call the Stens. Some of the Anteins call it call the Stens. Some of the Anteins call the Control of the Stens. Some of the Game Lind used Stellan in Strenand's and Stens of the Game Lind used Stellan in Strenand's Anteins Stens of the Game Lind used Stellan in Strenand's Anteins Stens of the Game Lind used Stellan in Strenand's Anteins Stens of the Game Lind used Stellan in Strenand's Anteins Stens of the Game Lind used Stellan in Strenand's Anteins Stens of the Game Lind used Stellan in Strenand's Anteins Stens of the Game Lind used Stellan in Strenand's Anteins Stens of the Game Lind used Stellan in Strenand's Anteins Stellan Stellan

are Stones of the fame kind near Geistins in Normannity.

BASE, in Architecture, from the Greek Bears, Reft, or Stoppers, is told to fignify any Body which bears another; but particularly for the lower Parts of a Column and a Pedelal. The Zafe is fometimes also call'd Spira, from Spira, the Feids of a Serpens laid at Reft, which make a Figure

not unlike it.

The Baje of a Calamn is that part between the Shaff and the Peckels in the Shaff and the Peckels in the Shaff and the Peckels in the Shaff and the Flinth, or Zocke. (See Calamn and Peckels). The Baje is inprofed to be the Foot of the Colamn; as one will have it, 'thi that to be the Colamn in the Peckels in the Pec

wherewish the Feet of Trees and Fells which imported the aminest Housia were gir, in order to threngthen them. The Tagle is different in the adjuvent Orders. The Tagle is different in the adjuvent Orders. The Devick High has an Affreyal more than the Tagleus. The Bende Bagle has a single Ferre believe the Planth. The Bende Bagle has a single Ferre believe two fieleds can. The Insul Bagle has a single Ferre believe two fieleds can. The Insul Bagle has a single Ferre believe two fieleds can. The Insul Bagle has a single Ferre believe two fieleds can. The Device the Serve of the Serve o

Allergolic. The Competite has an Affrengel leis than the Corinations. The Attick Biol., to called because first used by the Attick Biol., to called because first used by the Attick maint, has two Forers and a Sozieri, and is very proper for Isosick and Competite Columns.

In the Competition of the Attick Market Mark

Base of a Figure, in Geometry, is the lowest Part of its

Perinterior.

28(4), in Muchic, that Part of a Confiert which is the Bage, in Muchic, that Part of a Confiert which is the ell Sounds; or, which is play'd on the larged Pipes, or Streige, of a common Information, size, a no 70,000, of Level, or on Information Information, and the American Streige, or on Information Information, and the Information of the Compelion of the Compel

O J. A. O' surphibile to be a first of the modern Mudick; full integration of the property in the first of called, the property in the level filled on the property in the property in the level filled of the property in the property of the property in the property of the property in the property of the

nd the Mass of the Come.

BASE-COURT, in Law, is any Court that is not of Cocord. See Court.

BASE-FEB, or Basic-Efaste, in Law, is a Basic-Tenure, r Tenure at the Will of the Lord. See Fee.

BASE-FIN'S, in Heraldry. See Effective.

BASE-RING of a Common, is the great Ring next be-

Hadden R. B., is holding by Villange, or other cal-budge T. B. B. B. is holding by Villange, or other cal-ture of the state of the BaSIL, among Joines, 45c. the Angle to which the Edge of an Ino Tool is ground. To work on four Wood they after the state of the sta being observed, that the more acute or thin the Buffl is, the better and smoother it curs; and the more obtain, the

the better and financher it cars, and the more obtain, the finninger and finer in Service. The Order of St. 2007 in the most entire of St. 2007 in the most antiem of all the religious Orders, it is then in Name from St. 2007, it is proportion of St. 2007, it is found to the st. 2007 in not confictated: But Baronus Iscens to have more Rea-ne, when he sys the Term was applied to the most magni-ficent Churches; such, which by their Grandour as far in-pated other Charches, as Princes Palaces do private Houfes. Thus we fill flay, the Bafflie of St. Peter, for the Church of St. Peters, Eec. M. Perrosait lays, that Bafflies dif-ter'd from Temples, in that the Columns of Temples were withous-field, and these of Bafflies within. There were formerly four kinds of Churches at Rome, viz. Patri

formedy jour kinds of Church's in Runn, was, Parinarchal, Tritans, Zhaosani, and Ortestrias, Mosconi furth was the holy and the strain of the

compard of Refin, Wax, Pitch, and Oll; which the Sur-gorous die faz a phymaterie. For Remon Leva, translated in Cotta by the Order of Elephina and Lev, which were of Porce: in the Engineer Engine till in Diffusion. They comperbended the Influentia, TheyOff, Code, and Needs, and form Eddits of Piptinian, and other harperers. The Coli-re Electronic Comparison, and the Improvers. The Coli-re Electronic Colir and Colir and Colir and Property Fagwardsades. It is furposed to be the Work of the Em-perter Leva, the Piliophyer, who gave the Name of his Farbet 2000. Of the 6c Books, there are now remaining 4x; the emanling p. are, in form confirms, included many

the Sympfis Bafilicum, &c.

Bafilies were Officers in the Grecies Empire, who carried the Emperor's Orders. The Word is deriv'd from facious.

BASILICUS, or Cor Leonis, is a fix'd Star of the first Magnitude, in the Confiellation Leo. Its Longitude, Lati-tude, &c. fee among those of the other Stars in the Confiel-

tion Les.

BASILIDIANS, were Hereticks, the Followers of BaBASILIDIANS, who lived near the Beginning of the fecond Centu-ry: He was cleated in the Conglet's School over which Simon Magors prefided; with whom he agreed, that Christ was only a Main in Appearance, that his Body was a Phan-tom, and, that he gave his Form to Simon the Cyrenians. who was crucified in his Stead. He allow'd his Difeirenounce the Fairh to avoid Martyrdom; because, f

explicit or hard many Mytheries in the Name of God, by which they imposed upon the People. They sits inversed which they imposed upon the People. They sits inversed We learn from Displain, that this larged one wor as Books upon the Golfpels, and that he forgod invend Problems is or root of which he gover the Name Barries and Beroph's root of which he gover the Name Barries and Barries's Names, and thought with Pyrhogovas and Plane, that Names were not found by chance, but instructly figurified fomenting. Buildiete, to imitate 'Dythogovas', made his Bellicit (SOSM) or rather Barries's many large of the Bellicit (SOSM) or rather Barries's many large of the problems.

All Nimes. See Jacot.

A BASON, in A statowny, is a small cavity in form of a Tuncel, finance between the autorite Venerclea of the Duncel, finance between the autorite Venerclea of the Duncel, doubt Hilliam Basic and coding har Faint and the Company of the Com Stand, or Block, and the Guist with its wooden Handle moved. The moveable Halons are very final, feldom exceeding five or fix linches in Diameter; the others are larger, fometimes above for Foot Diameter. After the Glist has been ground in the Halon, "is brought knoother with Greafe and Emery; and polish'd first with Tripoil, and finish'd with Paper cemented to the Bottom of the Halon.

See Glafs, Lens, Mirror Bafon, among Hatters, a large round Shell, or Cafe dinarily of Iron, placed over a Furnace; wherein the Mat-ter of the Hat is moulded into Form. The Hatters have also Bajous for the Brims of Hats, usually of Lead, having

an Aperture in the middle, of a Diameter fufficient for the largest Block to go through. See Has. Bafon is also used on various Occasions for a Refervatory of Water; as, the Bafon of a Jet d'Eau, or Foun-tain; the Bafon of a Port, of a Bath, Sc. which last Vi-symbolus calls Labrum. See Fountain.

prevents calls Labrum. See Fountain.

BASS-VIOL, a Mufcal Infrument, of the fame Form with that of the Folin, except that its much larger. The first killer that, with a Bow ju than Strings and eight Stops, divided into Half-Stops, of Semi-Tones. The Sound it yields is much more grave, fweet, and agreeable, than that of the Folin, and of much better effect in a Confort. See

of the Pittin, and of much better effect in a Conier. See
BASSON, or apflowa, a Musical Indiument of the
Wind Kind, ferwing for the \$B_0 in Conform of Mufick,
Harboys, C. To make it more permibe it divides in the
Harboys, C. To make it more permibe it divides in the
Harboys, C. To make it more permibe it divides in the
Holes are fleepid with Keys, Gr. like large Fluce.

BASSO RAILS(WO, or Bag Region, a Fixe of Scap-ture, the Figures whereof do not project far, or famil out
diffugalishes there Kinds of Byg Br. Reliver's, in the first
the Front Figures appear almost with their full Relieve, in
the found they do but finds or one dail, and in the third
the Font Figures appear almost with their full Relieve, in
the found they do but finds or one half, and in the third
Hast FaRAD, a tutteral Child, or one born out of insfine, the state of the state of the state of the conHast FaRAD, or natural Scan of a King in France, see
Frinces when over \(\frac{1}{2}\); those of a Finne, or Noblemma, are
Gentleman to hand of a Cherchman are only Thebeian,
legitimated y nor have Successive except their own Chil-

dren begot in Wedlock; otherwise their Succession be-longs to the King. By the Roman Law the Mother suc-ceeded her Bastard Child, & evce versa: But there was a cecked her Ballaric Güll, & were veryir. But there was a great Difference between Ballaric A and their they call of Sparious. The Law did not own the latter, nor allow them Selamane, because they were been in common and them Selamane, because they were been in Common and off Urgarium. The ferner fore, been in Conchinge, which relimble Marriage, facecache their Mediers, and had a Right to demand Sultenance of their surreal Fa-ters. They were bookd upon a domnific Carditors, that ought to be treated the more favourably, for being the in-somer Product of their Paternal Cinne. Softe would have nocent Product of their Parents Crimes. Solon would have it, that the Parents should be deprived of their paternal nonem Problek of their Patenta Cimes. "Mote would have Anabatily over the Top (2014) and their patents (bester) at the Patents of Pendius, that ought to be their only Reward. Anabatily over their Replants, bester on the Patents of Pendius, that ought to be their only Reward. The Patents of the Patents of the Patents of their own patents of the applicabilities of their patents of the Replants of the Reward of the Reward of the Reward of their own patents of the Reward of their patents of the Reward of their patents of the Reward of their patents of their patents of the Reward of the Reward of their patents of th riage, are in the fame State, and enjoy the fame Rights, with those born in Wedlock: But those who are legitima-ted by the King's Letters, are not esseemed legitimate,

tool by the King's Letters, are not effected legislimate, or expelled office codesiling, but with regardle on this of their consistent of the control of the Prince's Letters.

The region where the desired of the continued to the continued to the state of England, cannot inherit Land at a Holt to the fathers per can any Fertin inherit Land at the continued to the fathers and the continued to the cont

forfeits all his Goods and Chattels to the King

BASTERNA, a Kind of Vehicle, or Charlot, used by the antient Roman Ladies. Salmafins observes, that the the articus Reusen Ludies. Satusofine observes, that the Bufferra fuccesche the Litter, from whence it differed very tittle, except that the Litter was house on the Steal-er of the Litter was house on the Steal-ie was been by Mulker. E. Bezinić, Machillon, &c. call it a Kind of Charlon, and thy it was drawn by Oser, to go the more gently, and Gregory & Term gives an Indiance of the Charlon, and the Charlon of the Charlon of the Green's gentle of the Charlon of the Charlon of the Green's guided from Itry law of the Charlon of the creat's patient from Itry law of the Charlon of the creat's patient from Itry law of the Charlon of Collittics, and to this we owe our Lanotts, which, to we call the farry at heave they not conformity to the antient call the farry at the state of t

BASTILE, is a finall antique fortified Cafile with Tur-cts, made use of, at present, for Prisons, as that at Paris, sailt byCharte V, 156, which alone has retained this Nuc. Originally, it signified a Redoubt before a Piace besieg d.

Orjoinly, it figuified a Reckonk before a Place belogd.

BASTION, in the Modern berefixers, a long MatBASTION, in the Modern berefixers, a long MatBASTION, in the Modern berefixers, a long Matterile with Stone, fluxing our from a Rampart, whereof it is a principal true. This is what in the animer forestition was called Junior 1997, and the same forestition was called Junior 1997, and the same forestition was called Junior 1997, and the same forestition of the Junior 1997, and the Junior 1997, and C.D.

Cycles Terrification, Fig. 5. including the Angel of the

Zeptimer. The Vision are the Lines It A, S.D. The U
called all the Angel of the Zeptimer. The Union of the

row Decen to the two Flanks, makes the Side Angels, call
other Rod of the Vision to the two Contains, the Angels

Contains the Angels.

cal the Standard or Epandur's And the Union of the two other Eads of the Planks to the two Carrian, the Angles of the Flanks. Befutius are either folid or hollow. The Foundation of the Buffinis is that great Runk in The Foundation of the Buffinis is that great Runk in the Standard Standard Standard Standard Standard Standard be fire, and defended, from Eune other Parts Ware Air-give therefore are not fundicine, but Flanks and Paces are indispendibly requirite. If the Buffinis Er F G and H II Mc conflict of Folice as lone, the Angles G and H could not be defended from the Linux F G or 1 H Be 4 if the Styline conflict of Flankstand Force, as H B C S D, all the be derivoked from the Lines I G or J II. But if the Replica conflit of Edukacian Flores, as A D C S D, all the Pains may be defended from the Flinkin three between may be defended from the Flinkin three between the Pains may be defended from the adjacent may be defined from the object three flowers and the Curtin A I, but may be defined from the adjacent may be defined from the other EL. For the Privacy of the Pains and the Curtin A I, but may be defined from the other EL. For the Privacy of the Pains and the Pains

there or no it flouid exceed a right Angle, is filli diffured. Hence it follows, that a Thingle can nove to feetifich, it there is the state of th

ment can be made in the Centre, but what will He under the Fire of the Befieged. A Flat Baflion is a Baflion built in the middle of a Courtain, when it is too long to be defended by the Bafli-on, at its Extremes: Dr. Harrit Cays, this a Baflion built

on, at its Extremes. Dr. Harrit kays, 'th a Bielliste out on a hight Lies.

A Cut Beffine is that which has a re-entire Angle at the Point; ionscrimes allo cated Beffine with 8 Tensille and, when without find a Comrivance the Angle would be row acut. We like with give the Term O't Beffine to find. To construct the Angle would be row acut. We like with give the Term O't Beffine to find. One of the Company of the Inter-Bolton on the I

or Polygon are very anequal, which makes the Gorges also

A Regular Baftion is that which hath its due Proportion A Register Deports is that which nath its due reoportion of Faces, Flanks, and Gorges.

A Deformed or Irregular Baltion is that which wants one of its Demi-Gorges; and Side of the interior Polygon

one or its Lenn-Gorges; one Side of the interior Folygon being too floort. See Gorge. A "Demi-Baftion hath but one Face and Flank. To for-tify the Angle of a Place that is too acute, they cut the Point, and place two Demi-Baftions, which make a "Te-saille, or a re-enting Angle." Their chief Ufe is before a Hornwork or Cownweek. See Tenaille.

A Double Baftion is that, which on the Plain of the great Baftion hath another Baftion built higher; leaving 12 or 18 Feet between the Paraper of the lower and the

oot of the higher.

is of a Need between the transper of the sweet and the BASTON, it alway is suff for one of the Wardens of the Hesta; being Officers who attend the Kingly Courts by the Courts & Wardens.

BATCHILLOR, in a College Steffe, a Perfon possibly the Courts & Wardens.

BATCHILLOR, in a College Steffe, a Perfon possibly the Court & Wardens.

BATCHILLOR, in a College Steffe, a Perfon possible the best of the Court o

explain'd the Scriptures, and Baccularei Sententiarii, who explain'd the Mailer of the Sentences.

There is fearer any Word whole Origin is more controverted among the Criticks than that of Batchelor, Batcuvered among the Citicks than that of Batcheiar, Baccu-larens. Martinist derives the Word from the Latin Baccalarens, quafi bacca latures desastis; in allufion to the Collom that saniently obstaind, of crowning the Peers with Laurel, laccis laturi, as Perserch was at Rosse in 1241; and Micatus and Vives are of the fame Opinion. Rhenanus derives it from Baculiu or Bacillus, a Staff, be-When me derives it from Bacolin or Bacillin, a Stiff, be-carde at their Commercement a Stiff was pet into their Honds, as a Symbol of their Authority, of their Studies Honds, as a Symbol of their Authority, of their Studies Honds, as a Symbol of their Authority, of their Studies This the anime of the Liberty they were reflected to Difchange, which Hantee calls rathe Dimanta. But Syd-mon rejicht into Jongson, in regard there is no Appearance are rejicht in Jongson, in Participation, and the Com-cere used in the creating of Bindelpoirs, and received the military who made has full Camplain, and received the military who made has full camplain, and received the military and the state of the state of

who made his new campaign, and received the minuty Gridle accordingly. Combiden defines a Barkelofor, a Per-fon of a middle Degree between a simple Knight and a Squire: Or, as some will have it, Battelefor was a com-mon Name for all the Degrees between a mere Gentle-man and a Biron: Thus we find the Lord Admiral some-

mon Name for all the Degrees between a mere Gentiman value and Ellisers. Then we find the Lord Administ forms and all Birners. Then we find the Lord Administ forms are suffered, as being the lovel Older of Knight, or infestion at the content, as being the lovel Older of Knight, or infestion at the sum of their Coraction. The Digity was a first confine of their Coraction. The Digity was a first confine of their Coraction. The Digity was a first confine of their Coraction. The Digity was a first confine of the Robe. The Coremony is executingly imple; the Credidate Internal Coraction of the Robe. The Coremony is executingly imple; the Credidate Internal Coraction of the Robe. The Coremony is executingly imple; the Credidate Internal Coraction of the Robe. The Coremony is executingly imple; the Credidate Internal Coraction of the Robe. The Coremony is executing the Internal Coraction of the Robe. The Coremon of the Internal Coraction of Internal Coraction of the Internal Coraction of the Internal Coraction of the Internal Coraction of Internal Coract call'd Baculares in Oderse, and Bacularii by Walfingham in Richard II's Time.

in Receivers 11's Time.

BAT-FOWLING, a Method of catching Birds in the
Night, by lighting forme Straw or Torches near the Place
where they are at Rooft; for, upon beating them up, they
fly to the Flames, where, being amas d, they are cashly caught
in Nets, or beat down with Buflies fix'd to the Ends of

Poles, Er., Barry B., Barr

BAT

(9)

Sublances continually emit Funce, which warm the Wacres in their Pfilling they can. In mol 18st 18sts, because in their Pfilling they can. In mol 18st 18sts, because in their Pfilling they can. In mol 18st 18sts, because in the property of the

Sone, and in mot Diffelio of Wemon and Children. Those Barth have performed many Cores, and are commonly uled as a list Remedy in obtinates Checoick Diffelies; and the control of the control of the control of the time of the Pattient, but whether they will agree or not, call Barth were loop builtful out of Medicine, tho the Automa but them in the general bifecen: But the In-ternative of the Core of the Core of the Core of the Automa but them in the general bifecen: But the In-Control of the Core of the Core of the Core of the Automa but them in the general but on the Core Automa but the Core of the Core of the Core Core of the Core rem, and fuch as were long attempted in vain by the most powerful Medicines. The Cold Bath is one of the most universal and imporent Remedies yet discover'd. 'Tis fersuivedial and imocome Rumelies yet elfouverd. The fevienche in most (Comork Dillempers, and reckord for faith that Phytikians formerime specients it in a beginning of the dark phytikians formerime specients it in a beginning articled. The lifeth of Gold Buthop is is articled are only to its Galinesh and contringing Fower, but in from measurements of the state of Gold Buthop is is articled are to the Wight of Gold Buthop is in the state on the 19 per special properties of Gold Buthop is in the state on the 19 per special properties of Gold Buthop is in Gold Buthop is

left the Assection, for Paper's and Required's Hillery of CLA Bathing.
For Artificial Bathin, they are various, according to the CLA Bathing.
For Artificial Bathin, they are various, according to the Delign is to humestate; at other times of Benn and Water, when the Delign is not worker, £Ge. when the Delign is to humestate; at other times of Benn and Water, when the Delign is not we caused: Sometimes with an Addition of Spatis of Wine, when a Perion Letter for a general hair or Tumor, £G. To the firm why be deleted as the Company of the Water, and the Water and the Spatish of a Room, and posting on or how Water, stere which they generally go lime a few Turn's Soc. Tagnine what is repeat for the Turn's the Spatish of the Water has the Water and Water and Water has the Water and Water and Water and Water and the Spatish of the Water has the Water and Water has the Spatish of the Water has the Water and Water has the Wat

in soile Differences of net Fublishment, and worms, he it-forest fin and receives the Eurone of a proper Forenessation for the properties of the properties of the properties the burning of Spirit of Wine, the Fern and Fublishment to a convenient cold Chair for the Reception of the Funne, which tries and provoker Sweat in a plentful manner. Care is here taken to keep the Head our, and fecture Re-ffiteation. This Butth has been found very efficual in re-moving old oblitaine Falsin in the Limbs, and Veneral

Complaints; and will offere complex a Care left superformed by Salivation. See Sudders, exceeding the groups Buildings among the Anticert, were alle large pompose Buildings among the Anticert, were the large pompose Buildings among the Anticert, were all the groups and the
large among the Anticert, were Larers, which affected
ings among the Anticert, were Larers, which affected
ings among the Anticert in Temperature at Pleafore.

Their Build Seed of the Control of the Control

Their Build Seed of the Control

Their was no Order for making of Knights

BATHMUS, in Anatomy, a Bone, the fame as Trochlea.

Which fee.

BATON, in Architecture, in a large Rings, or Montding, in Batton, in Architecture, field of fore See Fore.

Batton, in Architecture, field of fore See Fore.

Batton, in Hernider, in Hernider, in the see year, in Hernider, in the see that of the shall Beeded, See Branch. But not year, the of the shall Beeded, See Branch. But not yet which the antern Fre Streen tegrated to be found in Freeze, or which the antern Fre Streen tegrated to its found from the Cartes of refilling Price.

BATRACHOMIOMACHIA, war of the Freeze and the Mice is the Tille of a fine Batterge trees, aftainly and the Mice is the Tille of a fine Batterge trees, aftainly and the Mice is the Tille of a fine Batterge trees, aftainly and the Mice is the Tille of a fine Batterge trees, after the Cartes of the Cartes o

mountes on no state de "regispostari, a reng, on a voyage avith Farr Vache in the Infinit in the milliot of the Paca, do they be tumbled of and was desored." Phylogratiz berequied Statisfication, and unastimosty freque, a Wine and the Paca, Suphera Namita, and other modern earlier of the Paca, Suphera Namita, and other modern earlier of the Paca, Suphera Namita, and other modern earlier on state of the Paca, Suphera Namita, and other modern earlier on state of the Paca, and the Paca, and

made to appear as if they were, by means of these Preces, ee Butters, headade on the plain Board round the Edges, and a floweriness order, and up and down Hence Butters (20 per are fash as from 10 bing play or double, as the Edgest are fined on to one Side, or the best.

BATTERY, in Law, and All that tends to the Beech in a Man, who may be for the March of the Case of the Cas

have his Atlan of Trelpals, or Affault and Battery, signifi-hin, (for every factory lamples an Affault) and recover fo much in Coft and Damiges as the I uny will flyes him. This Afthon will les as well before as ferre he inkilence. But if the Palantifi made the first Affault, the De King to the interest of the Affault of the Affault of the Affault and the Affault of the Affault of the Affault of the first of the Affault of the Affault of the Affault of the fault of the Affault of

another in a moderate manuer, as a Maiter has Servans, Eff. Mettery, in War, the Place where the Cannoss are plant-ed to play upon the Enemy. They are faulty placed as a Platform, confilling of Flank, that fupport the Wheelt of Carriages, and hinder the Weight of the Cannon finking them are the Ground finking them are the Ground. The Planter of the Itatic behind, on the Market of the Cannon finking them are the Places. The Publishers at the Pattern as a fix of with a Paraser on the States of a Gamp is utually formounded with a Trench and Fullidodes at the Bottom, as all owing he Percept on the Top, having as many Hoise as there are Proceedings of the Percept of the Percept of the Percept of the Percept of American Control of the Top which are appointed of for their Defence. In all Batterier, the upon blace of the Percept of the Percept of the Percept of the their Defence. In all Batterier, the upon blace of the Percept of the Percept of the Percept of the Embeddings of the Percept of the Percept of the Embeddings of the Percept of the Battery, which the French call Des Terrer and Knimster, then the Percept of the Percept

down the Parapet of any Placedown the Farpet of any Fige.

Creff Batteries are two Batteries at a confiderable Diftance from each other, which play athwart one another at
the fame time, and upon the fame Point, forming right
Angles; where what one Buller flakes, the other bears
down. A Battery a Englished is non which fweeps the A Batters whole Length of a first Line, a Street, Sc. A Bettery on Echarp is that which plays obliquely. A Battery de Revers, or Mardering Battery, is one that bears upon the ASSECT, OF INSTRUCTING MATTERY, IS ONE THAT BEERS UPON THE BESC OF ANY PLECE; AND BEICH PROCEED ON AN EMILICAN fees into it. A Battery foint, or per Camerade, is when feveral Guns play at the fame time upon one Place. Battery on Rounge is that used to diffmount the Enemy's

BATTEURS d'ESTRADE, or Scouts, are Horfe fent out before, and on the Wings of an Army, two or three Miles, to make Difeoveries; of which they give an Ac-

BATTLEMENTS, Indentures or Notches on the top of a Wall, Parapet, or other Building, in form of Embra-zures, for the fake of looking thro 'em, &c. These were

affected in the old Fortis

much affected in the old Fortunation.

BATTOLOGY, in Grammar, is a multiplying Words without occasion, or a needless Repetition of the fame Words over and over in a Discourie; like Beatting, a ridical lous Poet mentioned by Oxid, who introduces him, faving, Montibus (inquis) erost, & erost fab montibus illit.

BATTOON, a Term in Heraldry, lignifications of the property of the pro

fying a fourth part of a Bend-Sinifter: It is the usual Mark of Illegitimacy, and is al-ways borne couped or cut off after this Battoon also fignifies the Earl-Marshal's

Staff. BATTUS, a certain Order of Penitents at Avignon, and n Processee, whose Piety earlies them to exercise several Discipline upon themselves, both in publick and private.

BAVINS, in War, Brash-Faggots made with the Brush

BAVINS, in War, Brath-Faggeti mode with the Bruth at length.
Geography, a little Galyla, or an Arm of the Start length of the Bruth and the Wheelength of the Bruth and the Wheelength of the Bruth and the Wheelength of the Bruth and the Brut

BAYONET, a fhort-pointed Swerd made Lancet-fashi-on, and having, instead of an Hilt, an bollow Iron Handle to fix it at the end of a Musket, so as not to hinder its Fi-

B. F. A ring or Charding. All the Torque of the Infinity cury them in the Build. They are of great Service we fire Plan-geon and Faglicies, after their lovel great method and stail. This Infiniment is also used in husting the BA15a, in Camparer, a kind of casin Woolin's Soil great per open, and not croid-li, husting a keep Nay, formetimes friend Ural in the Comparer, a kind of crois. Woolin's Soil great per open, and not croid-li, husting a keep Nay, formetimes friend Ural it it introded for. This Souli's uwaght on a Loom, with two Treddies, like Flamed. The Mannickbur of Zerreny, See. Formerly the French, as well as Rothern, were familly of with Zery from Digital, particularly at Clary is very collected by a Rothern, were familly of with Zery from Digital, but of last the feet up Mannichture of their own, and that with Succells of the Comparer of the Total Commerce of The Commerce of Their chief Ule is for Lisings, elpically as the Armys The Lookings (Lishenkeen alse Om bolid their Galicies, or prefere the Tim or Quickfirmer's and the Colomenker, DERLLUM, or Rotherlines, kind of clim. The Name DERLLUM, or Rotherlines, kind of clim. The Name

BDELLIUM, or Bedellium, a kind of Gum. The Name BDR.LLUM, or Bekelitims, a kind of tyam. The Name is well known among the Learned; but they can't agree what it is. "Its mention'd in Genefit, c. v. v. s., and fefephus explains the Paffage, by faying 'is the Gum of a Tree refembling the Olive-Tree; and that the Manna wherewith the frest were fed in the Defect, refembled this Drug: But Scaliger, and others fet afide this Explicit cation, and own, they don't know what the Bdellum men

cuito, aid own, they don't know want the greature mu-tional of Seripture is dis among as, forms again on have the Badeisus in the among as, forms again on have the Badeisus in the same of the state of the same that the same of the same of the same of the same that all longs of the same of the same of the Batal to the River Second in differs option, near the City-erace in driving before, when good, 'this in clear rangia-eral roces, of a realfill forcy without, when rousely also the early considerable foliation of the same of the same tens the Composition of Milbridste, and the Employment

BEACON, a Signal for the better focuring the King-BEACON, a Signal for the better focusing the King-dom from foreign Invaforst on Certain eminent Places of the Nation are placed long Foles erec?, whereon are Lie-tual Frank-Burst is to be fird by hight, and Smake made early frank-Burst is to be fird by hight, and Smake made dom of an approaching Invafora. These are commended and the state of the Maintenance of a Breesu. The Word is Water of from the Sarrow, Besteman, to mod, or figurity: Hence of from the Sarrow, Besteman, to mod, or figurity: Hence e Word becken

BEAD, in Architecture, a round Moulding in the Co-sthress and Romen Orders, carved in fhort Emboffments rinthus and Ramon Orders, carred in floar flushoffmens, ilie Statel in Nockleicas. See Bigustra. A. Bade is subjicted by the State of t

Gaslopse of fisch Perfons, for the Rell or whole Soals-hey are oblight to related a certain Number of Prayers, E. Bahlot 10 to be short for Relation, F. Bahlot 10 to be short for Relation, F. Bahlot 10 to be short for Relation and affect. It is also to disch as the Court to appear and affect. It is also an Officer on the Court to appear and affect. It is not on Officer as the Clusteristics, which Pace it is to wall, from a Corruption of Philding, is forwing and running on foot. Others from Pack, is Resultangular for substantis, from ing Packing from Packing, a land of Wand, which is their from a Corruption of Philding, is also of Wand, which is their Word from the Herican Visco Martin, and Someor, derive it from the Sarmes, Packing, and Someor, derive it from the Sarmes of the Packing of the Court of the Saran New Yoffenson, and a probable Court, in which Beefle The Saran of Cod., 20cl Steeling. The Uncention of the Saran New Yoffenson, a treatment and the Saran Steeling of Cod., 20cl Steeling. The Uncention of the Saran New Yoffenson, a treatment Excellent by Spelley; and the BEAK, in Architecture, a large King Life of the Court of Packing. Chire-Result is used to fire a Monding, the firm with Court of the Court of the

Pendans. Chin-Eicak is also used for a Moudding, the fame with the Quarter-round, except that its Strastin is invert-ed. We find but sew Examples hereof in the amicen-Buildings, but it wavey frequent in the modern. Eicak, or Beek-hoad, of a Ship, is that Part of it which is fathend to the Stem, and it imported by a Knee, and is the becoming Part, or Grace on a Ship. See Stem. BEAM, in Building, the largest Piece of Wood is a Building, being laid a cross the Walls, and ferving to sup

ort the principal Rafters of the Roof. No House has less n two of these Beans, viz. one at each Head: Into e the Girders of the Garret-Floor are also framed y if the Building be Timber, the Teazle Tenons of the Poils. The Proportions of Beams near London, are fix'd by Statute, as follows: A Beam 15 Foot long, must be feven Inches on one fide its Square, and five on the other; If it be 16 Foot long, one fide must be eight Inches, the other If it be 16 Foot loog, one fide mult be cight inches, the other fix: If 17 Foot loog, one fide mult be 10 Inches, the other fix: Is the Country they usually make "em firenger. Sir H. Wotten advices thefe to be of the firenger! and most durable Timber. Herrors relis us, that in Fer. Correct Palace, in Mexico, there were 1000 Beams of Cedar: But Palace, in Mexico, there were 7000 Enems of Coder. Bet be mult certainly use the Word Jeans in a general Lari-be mult certainly use the Word Jeans in a general Lari-ge of the Lariest States of the Lariest States of the Lariest States, take in not only the Pieces which import the Raf-ces, but also thele which fulfain the Joilts for the Clecings. Some of their bell Authors have confider? the Force or circ Collasting, particularly M. Parignon, and M. Parenzy the Sylfom of the latter is as follows. When, in a Bertar breaking, Parallel to in Fiftherman

fupposed to be a Parallelogram, two Plans of Fibres, which were before contiguous, are separated, there is nothing to be consider'd in those Fibres, but their Number, Bignes, be considered in those Fibros, but their Namiers, Biggeris, Cremino before trey broke, and the Lever by which they Cremino before they broke, and the Lever by which they to be broker. Suppose then another Beene of the fine Wood, where the Batic is likewise 2 Februal degram, and of any Biggeris, with regard to the other, at Plashires; the Height with the suppose the suppose of the suppose form an equal beamber of right guardrangular Cells, pre-form an equal beamber of fitting quardrangular Cells, preportional to the Bales whereof they are Parts: Thele then will represent little Bales, or which is the fame thing, the Thicknesses of the Fibres to be separated for the Fracture of each Besm; and fince the Number of Cells is equal in each, the Ratio of the Bases of both Besms will be that of the Resistance of their Fibres, both with regard to Numeach, the Katto of the Bisics of both Bissus will be that
each, the Katto of the Bissus of both Bissus will be that
be brand Thickney. Now, the two Extra 1 think Byrother
form of Suppers, which are those build beak the fail,
bean, so, of the toth Divition, are equally freetable in
each Cale, when the fifth beach as all newheree Proportion the Tenfon be Improbed, 'well fill be the faine in
inhabitation of the Bissus of the Bissus and the Care
each Cale, when the fifth beach as all newheree Proportion the Tenfon be Improbed, 'well fill be the faine in
inhabitation with any Sythem of Plyfolia. Lettily, 'the coelection the Leven whenever the Fibes of the two Tenas at 8,
each experienced by the Right of the Rabics, and of Camera at 6,
each experienced by the Right of the Rabics, and the Camera at 6,
each experienced by the Right of the Rabics, and the Camera at 6,
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each of the Right of the Rabics, and the Camera at 6,
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each and the Rabics of the Rabics in the Camera at 6,
each of the Rabics of the Rabics of the Rabics, and the Rabics and experience of the Rabics of the Rabics of the Rabics and developed the Ra

ass Elliptick Befe will priff more, when hid on in greated Ask, than on its familitation, by the Buffe shat determine the Frogenius of their Weights or Solidities; and familitation of the Buffe shat determine the Frogenius of their Weights or Solidities; and familitation of the Buffe Solidities; and familitation of the Buffe Solidities; and in Brasilian of the Buffe Solidities; and the Buffe Solidities of the first will be infinitely greater than that of the Econd, both their Solidity and at the firms time of the Econd, both their Solidities and at the firms time base the Lad Weights possible, the same way to be solid to

its having the greatest possible Resistance; or, which is the same thing, a Circular Base being given, he determines the Reckingle of the greatest Resistance that can be inscribed, and finds that the Sidés muit be nearly as 7 to 5, which agrees with Observation,

agrees with Obbervation.
Histhers the Length of the Zermir has been fuppointed equal; if it be estoqual, the Bakin will restift to much the desire that the second of the acts at the middle, to make the Fracture; the other two acts at the middle, to make the Fracture; the other two only acting to induce a Fracture in the two Extremes. A Beam may either be fuppoid loaden only with its own Weight, or with other foreign Weights applied at any dif-tance, or only with those foreign Weights; fine according to M. Parent the Weight of a Beam is not ordinatily above to M. Parent the Weight of a Brown is not ordinarily show of part of the Load given it to inlinin, 'the evident that in 'specified and the state of the state of the state of the the common Rules to one common Centre of the be faithful to the state of the Weights that will be faithful the state of the weights that will be faithful to the state of the state of the state of the faithful that the state of the state of the state of the hot as freece of Ook of an inch lequer and a Fore long, retaind borizontally by the two Extremes, will faithin \$19. Id. in its middle before it break, which it is found by tib. In its middle before it breaks, which 'its bound by Experience it will. See Mem. French Backery, Am. 1908. BRAN-COMPASSER, an Inflament made in Wood or Brafs, with filling Sockers, or Curfors, fering to carry forward thirting Points, in order to draw and divide Circles with very long Radii. They are of afe in large Projections for densitying the Furniture, on Wall-Dials, Sc. Sec Constanting the Furniture, on Wall-Dials, Sc. Sec Constanting the Furniture, on Wall-Dials, Sc.

Barm-Filling in Building, the filling up the vacant Space between the Raifon and Roof, with Stones, or Bricks, laid between the Raifon so the Raifon, and platfer'd un with Loom; frequent where the Garress are not pargeted, or platifier'd.

or piaitler'd.

BLAM, among Hunters, that Part of the Head of a Deer,
which bears the Antiers, Royals, and Tops; the little
Streaks whorein are called Circles. From the Sason Beam,
a Tree; because they grow out of the Head, as Branches
out of a Tree.

out of a Tree.

Beams of a Ship are the large, main, croft Timbers, which hold the Sides of a Ship from falling together, and which slife together the Decks and Orlops. The main Beam is next the Main-Mal; and from it they are reckned by Firfl, Second, and Third. The great Beam of all is called the Seconds of the Second of Midfbip-Beam.

BEAR, in Aftronomy, a Name given to two Confiella-tions, called the Greater and the Leffer Bear; or CFTA Major, and Misor: The Fole-Star is faid to be in the Tail of the Leffer; because that Star is never above two De-grees diffart from the North-Pole of the World. See

of the Laffer's because that Sur is never above row De-Usas Major of Maries.

Bit as it allos Term afoct in Heraldry: Thus, be that
Disas the surface of the Heraldry: Thus, be that
Charges or Ordinates which are in this Escatheon; as, if it there are three Lious Rampner in it, be it field at be her
fresh to the Laffer of the Laffer when a Ship that was no Windward comes under another Ship Sterm, and to give the
and comes under another Ship Sterm, and to give the
into an Intelose with the Wind Lange, or before the Wind,
the Islied to be are nearly the Herberton, See. In Condigularge before the Wind, and here up remand, that is, let the
Ship polymorch near two Sheet, dividely believe the Wind,
the Herberton of the Wind, and here up remand, that is, let the
Ship polymorch near two Sheet, dividely believe the Wind,
the Ship polymorch near two Sheet, dividely believe the Wind,
the Ship polymorch near two Sheet, dividely believe the Wind,
the Ship polymorch have the Wind and the Wind and the Wind and
the Wind Ship polymorch when the Wind as derived from
hence 1) for, they we Ship Jears, when having noo Bereden at Quence the will find too deep monthe Winter with
Quantity of Goods, and the keeps was care you at a fluids. Quantity of Goods.

Quantity of Guora.

BEARD. See Hair, and Tonsure.

BEARD of a Comet, the Rays which the Comer amits towards that part of the Heavens to which its proper Motion ferms to direct it; in which the Besto of the Comet is difficult if the Misch the Start of the Comet is difficult in the Misch the Start of the Comet is difficult in the Misch the Start of the Comet. Rays emitted towards that part whence its Motion fcoms

BEARER of a Bill of Exchange, &c. the Person in whose Hands it is, and in favour of whom the last Order or Endorfement was paffed. When a Bill is faid to be peopable to Bearer, it is underfleed to be payable to him who first offers himfelf after it becomes due. To be paid a Bill of this kind, there needs neither Order nor Transfer: yet its

this kind, there needs settler Order nor Transfer; yet Tis good to know to when the platic. See Bill of Rechtainer. Brarnas, in Heraldry. See Suprograms. Brarnas, in Geography and Navigation, the Sitea-tion of one Place from another, with regard to the Points of the Compaig, or, the Angle, which a Line down thro the row Places makes with the Meridans of each. The Bray rings of Places are alsaily determined from the Magnetick ing of Faces are simily determined from the Magnetick. Noclock: In the managing of docks in the plenishyll Part Noclock: In the managing of docks in the plenishyll Part Noclock: The managing of docks in the plenish prince of the Part Four from a first being found, the Place of the Point from a first being found, the Place of the Point Four found, the Part Four found of the Point of the Point found of the Poin SURVEYING.

BEARING of a Piece of Timber, in Carpentry, the Space either between the two fix'd Extremes thereof, when it has no other Support; which is called bearing at length; or between one Extreme, and a Poft, Brick-Wall, &c. trimm'd up between the Ends to shorten its Bearing.

BEASTS of Chafe, in our Statute-Books, are five; the Buck, Doc, Fox, Martin, and Roc. Beatls of the Foreft are, the Hart, Hind, Hare; Boar, and Wolf. Beatls and Fortig of the Warren are, the Hare, Coney, Pheafant, and

Freels of the Werren are, the Hare, Coney, Pheslant, and Partridge. See Gassz.

BEATUFICATION, in the Resulfe Church, an Act whereby the Pope doclares a Perfen bappy, after Death, Bratification differs from Canonization: in the former the Pope does not act as a Judge in determining the State of the leastified, but only grains a Privilege to certain Perfons the Bestified, but only grants a Privilege to certain Persons on honour him by a pairticular religious Worship, without incurring the Penalty of supersitious Worshippers; but in Commination the Pope speaks as a Judge, and determines in Cathedra upon the State of the commination. Bestifica-

Commissions the Pope Specks as a Judge, and determines are Corlevies upon the State of the cammids. Heatings are Controlled upon the State of the cammids. Heatings are Controlled upon the Commission of States, for the greater Affarmer of the Turb, and Manifelation of the riginous Steps taken in BikATING, in Medicine, at Term amplied to the Aginism or Palipation of the Palice Plates. Some Physician or Palipation of the Palice Plates. Some Physician or Palipation in a rempose Man. See Petars. Bit ATING of Worth, or Cock, are the Oracle Bataryon, Gr. BEATS in a Worth, or Cock, are the Oracle Bataryon, Gr. BEATS in a Worth, or Cock, are the Oracle Bataryon, Gr. BEATS in a Worth, or Cock, are the Oracle Bataryon, Gr. BEATS in a Worth, or Cock, are the Oracle Bataryon, and the Palice is Royal Pendadon. See Cock-Ween. Or the Palice is Royal Pendadon. See Cock-Ween. Or the Palice is Royal Pendadon. See Cock-Ween. BEATST, a Term whereby we crypt a certain relation of the Palice of the Palic of all the Disputes on the Subject of Besuty. We must of all the Diffusts on the Subièci of Betany. We must historice dillinguish between files and Steuliscus. Leider trike up the Mind Joseiniscus interest the Heart. The we-ter the stress of the Steuliscus interest the Heart. The sec-tor former is the liest to metric out Approximate. Such an Object therefore peletes, and does not plech, i.e. it pleases the Mind and the Senlinkon. On the contrary, pleases the Mind and the Senlinkon. On the contrary, lightlike, which yet cories approache Senlitions. There is therefore Betany and Betany. The according hard to fix any general Characteristics of Benary: For, as the the Mind and the Boly, and the Turn of the Billing. the Habitudes of the Body, and the Turn of the Mind; fo do the relations of Objects to those Ideas and Senfations to do the relations of Objects to thote Ideas and Senfarions vary, whence what we call Bessiny refults. Hence attle thele different Opinions of a beautiful Thought, a beautiful Winners, a beautiful Parating, &c. M. Perrault diffinguilhes two Kinds of Beauties in Architecture, which guines two kines of promise in Accuraces, which chime in pretry apidy with the two Species of Beauty above. The one he calls petitive and convenient, fact as the Richmoto of the Materials, Grandeur of the Structure, Near-nets of the Workmanthip, Symmetry, 62. The others he calls arbitrary, which depend on the Will, and might

bave their Proportion changed without Deformiry. Thefe only pleafe by the Commexion, or Afficiation of their Ideas with others of a different Kind, and which pleafe of them-felves, and owe their Beauty to that Prepositeffion of the Mind, whereby a thing whose Value we do know, infimates an Effects for others which we do not. Thus he obferves, there are many things in Architecture which Rea-fon and good Senfe would judge deformed, and which how son and good some would judge determed, and which how-ever, Calforn has not only made tolerable, but even beas-tiful, by their being always joined with other Beas-ties that are positive. Thus, being at first pleased with viewing em in Company, and mercely on account of their Company, at length we become pleased with 'em alone; Compiny, at length we become pleafed with 'tom alone; and then we frequently fill in o're with Deformities, and then we frequently fill in o're with Deformities, and grow find of Italia. Here the Uie of Ivalia appears as Juffernium; he Reprinterly in Its must seed of from the Beauty: This the Foll therefore is the Calmer, the Diamond jufes. The Diamond jufes, The Calmer of the Calmer, and the Calmer of time. By viewing the Diamond and Foil together, a Man might in a long Courfe of Time find the one almost as beautiful as the other. The Difparity would be always di-minishing, all they came near a Level: By removing 'en a-part, they would by degrees return to their original State, i.e. the Diamond would recover, and the Foil bolo its Lotter. See Love.

Latire. Sec Love.

BECHICA, Medicines proper for Diffusies of the Lungs
and Breatly frequently also called *Deflavoit. *Evelow's is
also added nor printing extains per Scopp, 62. The Word

BED. The old Rement had various kinds of Best for

BED. The old Rement had various kinds of Best for

RED. The old Rement had various kinds of Best for

BED. A whereon they first had to the Lettus skindshifts
the state of the Best for the Best

Ban of the Carriage of a great Gun, is that thick Plank which lies immediately under the Piece; being, as it were,

which lies immediately under the Fiece; being, as at were, the Body of the Carrige.

BER-CHAMBER with us, the Gentlemen of the Bed-Chamber are Ferfons of the first Rank, 11 in Numbers whole Olitic is, each in his narm, to wait a Weck to the King's Bed-Chamber, high by the King on a Pallet-Bed all Night, and to wait on the King on when he cast in pri-vace. The first of these is Groups of the Stock, or Long-vace. The first of the lies forms of the Stock, or Long-

Robe. See STOLE. BEP, in Gardening, a Piece of made Ground, rais'd above the Level of the reit.

BED, in Malonry, a Courfe, or Range, of Stones; and the Joint of the Bed is the Morter between two Stones

the Joint of the Ets is the Mortar between two Stones placed over each of oth Mineralis and Feffils, fignifies cer-train Strate, or Thickenfels of Matter dilpoled over each other. See Strany and Visu. Else, or Barroy-Moutanes, in Architecture, a Term bell by the Workmon for those Members in a Consice with the Workmon for those Members in a Consice with the Workmon for those Members in a Consice of the Workmon for those Members in a Consice of the Workmon for those Members in Con-legation of the Workmon for those Members, and O.-q. a Life, a large Boultine, and another Lift under the Co-rost.

BEECH-OIL, an Oil drawn from the Fruit, or Maß, of the Berke-Vree. The Berke-Maß is a kind of Seed in Seen of a Nat, or decroe, containing a whith, designment of the Maß is a kind of Seed in Seed in

Sec Oir.

BEER, a popular Drint, prepared from Malt and Hops.

BEER, a popular Drint, prepared from Malt and Hops.

BEER, a popular Drint, prepared from the the functions to be the fine with the first popular to be the fine with the first property of the first pro

M. Perroult, Rainffant, &c. defend the Modern Beer; urging, that the Hops uted with us, and which the Antients were Strangers to, having a Faculty of purifying the Biood, were Strangers to, having a Faculty of puritying the Biood, and removing Obffructions, ferre as a Corrector, and free the Drink from the Inconveniences laid at the cloor of that of the Amietina. For the Manner of preparing Zeer, fee Brawns o for its Qualities, fee Marr-Lugvoz. The Word comes from the old Cerrana, Birer: Voffind carries it from the Zatin, bibere, to drink; others from the Hebrero, Zarr, Carn; others from Bion, a Drink mentioned by Pliny.
BEER-MEASURE. See MEASURE.

DEEL-MAGNEE, SOC MILLER,
BEGLIKBEG, a Yarkib Title for a Governor of a
Province, who has under him foveral Sunguests, or SubGoverners. There are 18 Sugglethey in the Ortennas Emplic. Dist-Signifye is the Biths of the Ses, or the Admital of the TWAL. Boy, in the TWA'B Language, fignifies Lord; and Suglethey, or Sugletheyes, Lords of Lords.

BEGULARD, or BEGGHAN, the Name of an Hereti-

cal Sect in Germany, which forung up towards the End of the 13th Century. Their Head was one Dulcinus. Their cal Sect in Germany, which uprung up cowains and law or the 13th Century. Their Head was one Districtions. Their principal Teners were, that Man, in this Life, might be impecciable; and, that he might arrive to a Degree of Per-fection not to be exceeded; that this State was as happy as Heaven, which when once obtain d, they were no longer obliged to observe the Fasts of the Church, nor obey their Superiors; that every intellectual Creature is felf-happy; that it stands in need of nothing but the Light of Glory to that it Hands in need of nothing but the Light of Giory to tail it to the Vifion and Enjoyment of God 3 that none, but the Imperfect, apply themselves to practice introduced Ac-tions; that Fidel, apply themselves to practice introduced Ac-tions; the Holl, nor the Mydetrics of his Incarnation for regarded: The Joy condemn'd god Works, and Ignerations of the Company of the Company of the Company of Monta, when the Holts in pure Dod Monta, when praying regard to any Rule; or believing or Monta, when praying regard to any Rule; or believing Celibacy, were condemn'd under Pope Clement V. at the Council of Vienna, in 1211.

BECUINES are devout Societies of young Women, established in feveral Parts of Flanders, Picardy, and Lor-rain. They maintain themselves by the Work of their rain. They maintain themfelves by the Work of their own Illands, they lead a middle kind of Life, between the Lank end Religious, but make no Vorn. Their Societies began at Newlin, ill Funders, a ZD, 1144, and for the control property of the Property of the Property of their Growness. Some of them giving into Modern by their Growness. Some of them giving into Modern Opinions, Pope Clement V., abolified their Institution; up-on which they could in Praenze: But, 76th XXII. Secceiffe in Centeral V. explaind that Decree, and declard only into Excitate of the Engineer catchin, who had fallow.

only the Societies of the Regulate extilet, who had false into Hereky.

BELLA 2004 all Ship, figuities the time as plates, BELLA 2004 all Ship, figuities the time as plates, BELLA 2004 heching, and the high section is to the Kennie, §6.

BELCHING. See Receptation.

BELLA, appeal the Mehlen, and by Madeins among the Meller of the Meller of the Meller and States.

BELLA 2004 heching in the set of plates, and plate the Capper with brinds, and the Fare of Lannes, whereby it is hang to a large Beam of Wood; in Materi as Metal compensabled of twenty frounds of E-west par is handered of usually 4 of the Diameter, and its Height weeke times in Thickeds. The Bell-Fameter have a Entirely on 28th Leak, wherewith they mealure the Site, Thickness, formuly up in the Larin Dillaki. fumm'd up in the Latin Diffich:

Laudo Deum verum, Plebem voco, congrego Clerum, Defunctos piero, Pestem sugo, Festa decoro.

Definition piece, Teifan 1995, Feifa decem.

For the Markel of Geling Bellin, Gibo Fourseare, Mr.

Hanklich, and orient, find by Experiment, the Sound of a

Bellin, and the state of the state of the state of the Sound of a

Bellin, and the state of the

Dub by Milake; for St. Former, Cotemporary with Plantams, makes mention of a Bell. In citeth, Pope Schwinz Milaton, makes mention of a Bell. In citeth, Pope Schwinz Milaton, and Control of the Controlled Hose to be diffinguish by by cm. We creat find mention made of Bells in Orad, Thellan, Morrial, Schwinz, and Manifest, Andreas, well-well for the Schwinz, and Manifest, and the Oracle Andreas, well and the Diver, Strate, Physical, Follytins, and their, mercine Centrol of the Control of Petalish, Timmadalisms, Extension, and the Milaton of Petalish, Timmadalisms, Extension, and Eurobean, Signam, Sc., But the appear to have taken the Control of the Petalish, and the the bag Bell helps and little lite the bag Bell in the Stanton. use among us

In the smoog us. Hereavour affection, who has a Treatile expreds on Erdin, (wrete, when in Chains, in Francis; and which is accounted to the control of the and that they call'd the People to Church, as at prefent with wooden Mallets. Lee Allatins, in his Differention of with wooden Mallen. Les Jézine, in his Difference of the Greek Tenjeke, proves the contrary from Event almost the Greek Tenjeke, proves the contrary from Event almost without. The his Opinion, that Belli first began to be the Her Level and the Greek Tenjeke and the Her Level, and the Her Level, which, according to them, wander in the Air. He olded, that they thill receible them, wander in the Air. He colded, that they thill receible the Greek's provided the Execution of Events [45]. Some thinks the Trade strictly almost was despited of its Belli for Rechelling; and when I was stiffed to have for recluered, the Fengle Fedde fixed from the condition Dis and Jangling of Belli.

Matthicky Paris believes, the Sinch Matthia Despite the Greek's th reced from the containt Din and Jangling of Bells.

Matthew Paris observes, that antiently the Use of Bells
was prohibited in Time of Mourning; the at prefer they
make one of the principal Coremonies of Mourning. Mabillon adds, that 'twas an antient Carlom to ring the Bells for loss adds, toat twas an antient custom to ring the Excus we Perforal shout to expire, to advertific the People to pray for 'em; whence our Peffing-Bells. Labineau observes, that the Castom of ranging Bells, at the Approach of Thunder, is of some Antiquity's pet that the Design was not so much to flask the Air, and so diffigate the Thunder, as to call the Bells when the thing the Performance of the Performance

the People to Church, to pray the Parifh may be preferved from that terrible Meteor. from that currible Micros.

The Cutton of hybriding, or leighing Bells, is very an The Cutton of hybriding, or leighing Bells, is very an experiment of the property of the pr

and the Bellt have ever fince lain on the Ground. Once of the Bellt is near 1 English from high, the Diameter 23, and the Gleumfertnee as 3 in Figure almost Oylin-code or the Meral about the English and the Thick-needs or the Meral about the English is computed at the Dimensions of this Field, its Weight is computed at 3000 Floads, which is more than double the Weight of that of Dyfors, fail by Father Kircher to be the greated that of Dyfors, and the Section of the Meral and the Section of the second of the Meral and the Section of the Se 28th use World. These 28th were call by the full Emperor of the precord pulsarly about 150 Years ago prove of the precording Dynally, about 150 Years ago. Clerk, the Steeper Elsen, the Will Fr. Embert the Caser solds, that there are sieve rotter Reit in Parkin, call that Caser solds, that there are sieve rotter Reit in Parkin, call the Date that the South even of the Will Fr. Embert the Caser Steeper Caser, the Will Fr. Embert the Caser Steeper Caser, the Caser Steeper Case

y back again, and that even formewhat nearer to the centre than before: So that the two Points which before

were the Extremes of the longer Diameter, now become those of the shorter. Thus the Circumstrence of the Bell undergoes alternate Changes of Figure, and by mean thereof gives that tremulous Motion to the Air wherein

thereof pives that tremulous Meries to the Air wheten Sound condities. See Sown as, the Sound of the films 2014, Sound condities See Sown as, the Sound of the film 2014, or Cloref, it a Compound of the Sounds of the feveral First scheerof, is of their where the Para se homogeneous, and the Dimensions of the Figure uniform, there is field a portfold Micrare of all their Sounds of the report of the profession of the Figure and the contrary Circums-thances peoduce Harlhards. This ho proves from the 2014 dillering in Time according to the Farry sulfrice, and yet thirks it any where, there is a Motion of all the folial three of the Figure 1014 of the Figure 1014 of the fine Sounds of the Figure 1014 of the Figure 1014 of the fine Sounds of the Figure 1014 of the Figure 1014 of the fine Sounds of the Figure 1014 of the Figure 1014 of the fine Sounds of the Figure 1014 of the Figure 1014 of the Figure 1014 of the fine Sounds of the Figure 1014 of the Figure 1014 of the Figure 1014 of the fine Sounds of the Figure 1014 of the Figu and ye. He therefore confiders Brills as compoted of an market. He therefore confiders Brills as compoted of an market of Rings, which, according to their different Dimension, have different Tones, as Chords of different Dimension, as a Chords of different Dimension of the Cart immediately fruck, determine the Tone; being inperced by a finite cut Number of confount Tones to other Parts. See Tens.

Marking under go give a brigk Agitation.

BELLOWS, a Machine used to give a brisk Agitation of the Air, by enlarging and contracting its Capacity by Furns. Bellow: are of various Kinds, as Domestick Belto the Air, by caleaging and collections in Capital's of the test, Bassacher Educes, Bassacher Educes, Saist Educes, See Foaca: The Billers of an Organ are fix Foot long, and Surboud, each having in Aperment of their Educes, the bill beautiful and the saist of the collection of the collection of the collection of the collection of the Air from the other. To blow an Organ of 18 Foot here are required four he may be more an one Side. Others call'd Landware Billers, from their referables; Foot for the collection of the Miner. Their more cash way, and yet fill concoming the collection of the Miner. This is the proper land to the Miner. This is the proper land to the Miner. This is the proper land with this, there is the collection of the Miner. This is the proper landware land with this collection of the Miner. This is the proper landware land with this collection of the Miner. This is the proper landware landwa Turns.

in different manners : One was to mark a Parcel of Arrows, nemerent manners: One was to mark a Farcel of Arrows, and pure cleven, or more of 'em, into a Sack', thick were afterwards drawn out, and according as they were mark'd, or not, they judged of future Events. Another way was to have but three Arrows, upon one of which was wrote, God anders' time; upon sonther. God foothed it me; upon sonther. God foothed it me; and to have but there Arrows, upon one of which was wrote, offer advert ires, your another, off of fields it me; and upon the third was wrote nothing at all. However, and the line of the control of property of the control of the control of the control of property of the control of the contro derflands is 6, and observes that the Practice was frequent among the Affricance or Relighmians. Something like it is also mentioned in Hafrica, ch. iv, only what Read save better mea-rized inheats of therew, which is rather Relighmians that the religious of the Religious of the Religious of the register, and flavors that it presulted much among the Medi-cicletation and Septiment when the practice of the transport of the Religious of the Religious of the Religious times, and there is the Fernance, whom Teletra to Server in Spitzer's Body, more lucid than the reli, and cermin-ted by Farallal Lines, being finentiates bounder and Gomes to the Religious of the Religious of the Religious of the Picce in his Disk. Happy to observed a Religious After in 156,6 much broader than those of Psylvers, and poddings

1656, much broader than those of Jupiter, and possessing the middle Part of his Disk, but very obscure. See Ju-

The missage Lart of the Long, which is a Medicinal Root, BEN, or Below, a Name given to a Medicinal Root, and do an Oil expects of from this Root, used by Perfumers, &c. The Oli expects of from this Root, alled by Portuners, Er. The Root of Ber is divided into white and red: The first is infipid, leaving only a little Bitternets behind it on the Tongue; the red is fibrear, brown without, and reddiffi-within. They are both brought from Syrae, and have the fame Virtues, being distilluted for each other; they muft sime Viruce, being habitusted for each other; they mad be cheful edy, and set of an automatic, altringent Taitch. Holds, who have the Government and Direction thereof; and out or whan it yearly thefen a Transiers, Eg. BEND, in Herslaty, one of the eight whom another off the Eurothean I it is made by you Lines of the Eurothean I it is made by you Lines the Company of the Eurothean I it is made by you Lines the Company of the Eurothean I it is made by you Lines the Company of the Eurothean I it is made by you Lines the Company of the Eurothean I it is made by you Lines the Company of the Eurothean I it is made by you Lines the Company of the Eurothean I it is made by you Lines the Company of the Eurothean I it is made by you Lines the Company of the Eurothean I is made by you Lines the Company of the Eurothean I is made by you Lines the Company of the Eurothean I is made by you Lines the Company of the Eurothean I is made by you Lines the Company of the Eurothean I is made by you Lines the Company of the Eurothean I is made by you Lines the Company of the Eurothean I is made by you Lines the Company of the Eurothean I is made by you and the Eurothean I is made by you Lines the Company of the Eurothean I is made by you Lines the Eurothean I is made by you Lines the Company of the Eurothean I is made by you Lines the Company of the Eurothean I is made by you Lines the Company of the Eurothean I is made by you are the Eurothean I is made by you Lines the Eurothean I is made by you are the Eurothean I

drawn thwartways from the Dexter-Chief to the Sinifter-Bafe Point; thus he beareth Or, a Bend Sable. A Bend is fubdivided into a

Bender which is the fisht part of the Shield, a Gercer which is the Mostry of a Smooth, a Gelf which is the Mostry of a part of a Bund, and a Mildow which is the Mostry of a part of a Bund, and a Mildow which is the Mostry of a the Smidler Chief Point to the Disease Bund, and this is findbielded into the Europe, or Sore, and the Buttons which latter is the fourth part of the Bund. This Buttons control the Bund of the Bund of the Bund of the which latter is the fourth part of the Bund. This Buttons corrected idefici quite a through the Bund of the little at each Buld. When two fineight Lines drawn within the Bund of the Bund of the Bund of the Bund of the third is cloth Viding; and be that bear is, is find a Soir Guiller Wood than it the beacter Emerica, 2 stand values

Guies.

Bason: At Son they fary head the Cable, when it is to be Bason: At Son they fary head the Cable, and the Cable is to look in from the Rings of the Anchory, which is done when a thin the Rings of the Anchory, which is done when a thin design no be long at San. To be and a first the Cable is to look in a Sah year the farme with the Plate, to Plate, which are the consensed Timbers of a Ship, on the Cable is the Cable in the Cable is the Cable in the C

BENDY, the Term in Blazonry for an Effcuence so being divided Bend-ways into an even Number of Partitions; but if they codd, the Full multi full be named, and then the Number of the Bends.

BENEDICTINES, a Set of Religious, who profels to live by the Rule of St. Benedict. The Benedictines are di-vided into feveral Congregations. They wear a loofe black Gown, with large wide Steeves, and a Capuche on their Heads, ending in a Point behind. In the Canon Law they are called Black Friers, dittinguishing them from the other Orders by their Habit, and not by the Name of their other Orders by their Habit; and not by the Name or their Pariards Dr. Beneddi. There is only this Difference be-tween the anient Monks and the Beneddines, in that the former were mere Monks, without any Attachment to a particular Order. The Lift of Saints of the Beneddin Order is very ample; but they are accaded by Merennus, and many other Writers, of parting those in the List who

and many other Writers, of patting thote in the Lili who were never of that Order.

BENEFICE, in an Ecclessitical Sonfe, a Church en-dow'd with a Revenue for the Performance of Divino Ser-vice; or, that Revenue iffelf, align'd to an Ecclessitical Perion for Lile, in return for the Service has so do to that Church. All Church-Preferments, except Bishopricks, are called Benefices; and all Benefices are, by the Canonifts, fometimes called Dignities: But we now ordinarily diffin-

fometimes called Digitatirs. Her we now ordinarily dillin-guith between Deeping and Digitary, sing the Wood Digi-uity for Diffugiesis, Denarest, Arch-Dietecury, and Donarys is a Holling for Panacousty, Veranason, Co-Bernfere are divided by the Conneills into Simple and Secretical: In the first three is no Obligation has to Eff. The found is charged with a Cure of Souts, or the Direction and Outlance O'Confinence, as Footreys, Re-teries, &c. The Committe make three manners of seas-teries, &c. The Committe make three manners of seas-teries, &c. The Committe make three manners of seas-teries of a Policy. A Breefire is vested by Tore, when the Perion caption is it is guilty of Crimes expected its shoot Law, as Herech, Summy, &c. A Repring is vested by Tore, when Refiguation of the locumbers; and that Refiguation may be circles year, or track, as when the engages in a Sing. Refiguation of the locumbent; and that Refiguation may be citized except, or user, as when the engages in a State, Cf.: Inconflictor with it; as among the Remanifi by Nativeryne, Eastering a Religious Order, Cf.: 6. Menufels is used for the citizen of the Cf. of t om of fome Religious Order, as an Alwy, trenty, assertant, \$E. Or state, a Regular Bergier is fact in a cital be confired on any bas Religious, either by in Foundation, by the Inflation of a Superior, or by Preferiptions. For Differentiating, makes the Burgier Regular. Scatter Bismaples are those that are only to be given to Seculary 50 which kind are almost all their Cures. All Bergiers are proposed as the processing the security of the proposed of Secular Processing and Secular Bismaples are those the Secular Bismaples are those the security of the Secular Bismaples and Secular Bismaples are those the security of the Secular Bismaples and Secular Bis

A Stroughe in Commendate is that, the Direction and Managament whereof upon a Visano, it gives no commended to an Ecclisificity for a certain Time, till it may be conveniently provided for. See Consumerant Direction, who using no distribute part of the Landa they had conquered on the Pronters of the Empire to their Studies, these who enjoy d find Rewards were called Renegitariti, page 18 per 18 per

As so the Origin of Ecclefishical Benefices, 'tis hard to exermine when the Effects of the Church were first divided; 'tis certain, till the fourth Century all the Revenues were in the Hands of the Bishops, who distributed them by were in the Hands of the Billogs, who distibuted them by that Orozonsia; here consider irrespanying in Alms and vo-lantary Committee was either the Sublimance of the surfaces, for the rote of use slipped for the Sublimance of the critical surfaces. The surface of the Sublimance of the ing in the fifth and fixth Connavy, but then there does not appear to have been any cerniar Patricion, nor any re-cife Quasa allored to each Farriciair, but the Allomenta Ar. fift each was consecuted the new breilt Connavy, Ar. fift each was consecuted to the proper con-plementation were, by degrees, introduced, on persons of Engistry For, a fingle Emergia being forcenties faces thought a Compressey, the Friell was allowed user also appeared that were to upon the way to the proper the con-plementation of the property of the contract of the property o suffices that were to support 'em were increas'd too. Hence fome affecting to equal Princes in Quality, pretend to Revenues answerable thereto.

V. Ferrier observ'd, that in his Time there were five

J. Ferrier edder'd, that in his Time there were five Capit by which Theories were excepted. By the Nomina-Capit by which Theories were excepted. By the Nomi-the Children of Gent Men, Get. are provided of Benefice by their Birth, by the District, as when flexibing of 3 Re-mitted to the District of the Property of the Con-trol of the Children of the theories of the Children of the Children of the Children and Insumbers in delignostics, is one then saving by Force to the Children of the Children of the Children and the Missississis of the Children of the referred to the Public Oligal John.

BENEVOLENCE is used, both in our character and Chronicles, for a voluntary Grantity given by the Subjects to their Sovereign. The first Benevolence, Stom observes in King Edward the IV's Days, was ganted that Pince in regard of his great Expences in Wars, &c. There was one given by Act of Parliament to King Cherries II. In other Nations this is called Subfidium Charitatreums, given

other Nations that is called displication Charitareuron, given foresteron by Tennan to their Londs, by the Clergy to measure the Conference of the Conferenc

bound in the Illands of Yeve and Sumatra. The uled in Phylick, as a Feboral and Anti-Althmatick, and thrown on live Coals, it ferves to perfume Houtes, &c. BERENGARIANS, a Religious Sect who adher'd to the Opinions of Berenger, Archéeacen of Angiery, who op-port the Doktine of Trainfabliantation and the real Pro-leme, a confiderable time before Lather. He is further char-cel by the Ramarify with decrying Marriage, and maintainget of the reasons of the state of the state

A Brother in Commentar in that, the Direction was
suggested where (sum a Vassary, is given or comended to an Excitabilité for a certain Time, till time
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ERENINES Hair, or Causa Brother a Causa
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wtus.

BERLIN, a particular kind of Vehicle of the Chariot-kind, much used of late; taking its Name from the City Berlin in Germany; the some attribute the Invention of it to the Halians. "Tis a very convenient Machine to travel in, being lighter, and less apr to be overturn'd, than a Chato the Italians. in, being lighter, and lets apr to be overnamed, train a con-riot. The Body of it is hung high by Shafts to leathern Braces; there being a kind of Stirrup or Footfool for the Conveniency of getting into it: Initiad of Side-Windows, there are Sheds to let down in bad Weather, and draw up

there are Sheds to let down in bad Weither, and draw up in good.

BERME, in Fortification, is a small space of Ground four or five Foot wide, left without between the Foot of the Rampart and the Side of the Moat, to receive the Earth that rolls down from thence, and to prevent its falling into the Moat. Sometimes, for more Security, the Berne is pallifieded.

isling mis the blost, sometimets, or more occurry, sulating mis on the blost, sometimets, or more control,

BERRAMRING, the Name of a callplous Order octended over great pair of Euroje. This Order is an Improvement of that of \$5. Reinstall, made by Robert Albert

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but when they officials, they put on a large white Goal with

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ERRIL, or BERYL, a procious Some, much much be carbon and the some state of the some store store in Some state of the Some store in Some state of the Some store in Some state of the Some state o modern Jewellers fomerimes mifigke the one for the other. The Beril is formetimes found in Pieces large enough to form fine Vales. "Tis faid, there are many of 'em at Cassbaye, Mostabas, Pega, and Ceybon."

The Properties of the Beril were very wonderful in the

The Properties of the Beril were very wenderful in the Opinion of the antient Naturalities: It kept People from falling into Ambufendes of Enemies, excited Courage in the feartul, cured Difeates of the Eyes and Stormach. It does none of thefe things now, because People are not fimple enough to believe it bus the Virsue to do 'em.

coough to believe it has the Virme to do "om.
BERRY, a Grain, Fruit, or Seed, produced by feveral
Treces and Shrubs for the Conferration, and Re-production
of their Kind. Serries are of various Sizes, Forms, Properties, and Ues, according to the Plans whereon they
gow: Some uide in Medicine, a *Z posigier Berrie, Bucktions-Berries, &c. Others in Dying, as French or Telleco
Berries, &c. See Grann and Strap.

There-Berries, &c. Others in Dying, as Prench or across Description, Sec. Con. via. and Sci. Confloation ship in the Time of the Emperors, nutcently called Bujdner; I was read of the Emperors, nutcently called Bujdner; I was Control fine. In Vision is not determined. Hence the Gold offer'd by the King as the Altan, and on BEBS, or Bassas, the Mark, or clight Ounces, Part of the Ast, Bet for Bits, which is two Treats, which are MENTAL III would be a supported by the Control of the C

eich für in Value. See Ah.

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a Lion, which alone dispatch'd 200 Bestiarii. Those who forceeded the first were call'd spates, and the last spane. See MERIDIA

See MERITANI.

The fecond Kind of Befliarii, Street observes, confided of young Men, who, to become expert in munaging their Arms, length femientes against lenst, and domestizes against one methers; and or Bravels, he are supported as the street of the s

nerve to thie dads two Kindo of Bellutrii more: The fift were their who made a Trade of it, and fought for Me-neyy the focond was where (everal Bellutrii struck), were let look at once against a Number of Beattar, kind of SBEVEN to be a subsection of the Beattar, kind of SBEVEN to be a subsection of the Beattar, kind of SBEVEN to be a subsection of the Beattar, kind of the Sweep of a nach or Vesial. This moreoble on a Point or Centre, and fo may be fet to any Angio. In Make and UIG are greety much the fine as a shole of the common Spatra and Mitre, except that these are field a the fift at an Abelle of 30 Engreen, and the Eccord at a 30. the fifth at an Angle of 50 Degrees, and the second at a₁₂ o whereas the Zevil being movesble, may, in form mea-faire, fupply the Office of both, and yet, which 'tis chiefly incuded for, jupply the Deficiencies of both, ferring to fer off, or transfer, Angles either greater or lefs than 50 or 47 Degrees. Hence a Betti Angle is safed to denote any other Angle but those of 90 or 45 Degrees.

BEVILE, a Term in Heraldry fignifying Broken, or opening like a Carpenter's Rule. Thus he beareth Argent a chief Bevale Vert, by the Name of Beverlis.

BEJ. 4 Term séed for a Covereiser of a matériar Com-pre of Town in the Twelth Engine; The Graks write the Word Bigh, or Beh, but proconnec it Boy. Properly it Engines Laws, but in particularly applied on a Lord of a Bossor, whom in the fame Lunguage they call Sangal-depil, or Bey. Seguest, which among them figures Bes-eer, or Granderd, being the Badge of him who communic in a confidence bit face of from Province, Paving much bits on the Common a confiderable Number of Spahi's, or Horfe. Each Pro-vince in Turkey is divided into feven of these Sangiacks, vince in INTERS is divided into leven of thele Songieski, or Baimers, each of which qualifies a Bay, and thele are all commanded by the Governour of the Province, whom they affo call Bayblier Baybi, or Bayler-bay, i. Eard of the Lardi, or Bays of the Province. Thele Bays are in a great measure the lame that Baimeress formerly were in

ogland. BEZOAR, or Bezoard, a Medicinal Stone, efteem'd Someonium Compter-Poifon, and an excellent Cardiac. "Tis BEZOAR, or DEZOARD, a receitant store, cuesar a a Sovereign Connect-Reion, and an excellent Cardiac. This also given in Verrigo's, Epilepsics, Palpitacion of the Heart, Jaundice, Cholick, and so many other Distastes, that were its real Virtues answerable to its reported ones, it were doubtless a Panaeces. Indeed, its Rarity, and the peculiar Commission of the Connection of the Conn

in rad Vitnes antwern the to its required ones, it were doubletin a Parameter finded, in Nativa, and the poculiar control of the parameter of the parameter of the Reputation, as any intransic Worth. At prefinite the parameter of the parameter o account, unstrume a pulc yellow, is beowish red, and Honey-Odown. The Namber of Research posteodies and Honey-Odown. The Namber of Research posteodies, and others none at all. The larger the Stone the more valuable, in Frice Incenting like that of the Diamond. A Some of one Conce is find in the Index in rec First Name of one Conce is find in the Index in rec First Name and the Conce in Honey and the Research in Honey and the Research in Honey and the Process in Stirley in Honey and the Process in Stirley in Honey and the Decete as celly discoved. The Methods of proving it are, 4ff, to theep is three of four Honey in the Honey and the Decete as celly discoved. The Methods of proving it are, 4ff, to theep is three of four Honey in the Honey and the Decete as cells discoved. The Methods of proving it are, 4ff, to theep is three of four Honey in the Honey it is entered by discoved. The Methods of proving it are, 4ff, to the part in the Honey in the Honey it is entered by discoved. The Methods of proving it are, 4ff, to the part in the Honey in the Honey it is entered by the Honey in the Honey in the Honey is the Honey in the Honey in the Honey is the Honey in the Honey in the Honey in the Honey is the Honey in the Honey in the Honey in the Honey is the Honey in the Honey in the Honey in the Honey is the Honey in the Honey in the Honey in the Honey is the Honey in the H

Deficient Parising on Beast of Paris Is very Hill real from the fifth. "The sound seek Boyle Seeved Assimp-procline to the Country is from by the Bigende of a Nar, in on others of a Narley England of the Word, in others far, in other roand; "In similary of an Ath Coloner, form-much thicker," if finosoph and every without fifth, but when books, looks as if it had been fashimated, by reafon point. The Asiminst that produce is are the Ganasson, Jackets, Vicanax's, and Taragan's, the Breast or which list is the road Calcumed, this Asimin teels much list the

ful is the most effectived, this Assimal being much like the Gent that produces the Oriental.

The Givenus Binzer, which Some call Gen's 1925, is found in the Stoments of Some Come, but more frequently and the state of the Come, but more frequently conclined in the Come of the Come, but more frequently conclined in the Come, and the Come of the Come of

yellow Colours

Befides these three Kinds of Bezast which the Shops afford, there are three other Kinds much rarer, viz. the afferd, there are three other Kinds much rarer, we. the Some of re Big., that of Molates or Peregistra, and that etc. and by the Peregraph, who first brought it into Ea-ter and by the Peregraph, who first brought it into Ea-per, Perior to Expert, from the Call Bildede of a Boar in the Eigh-Indies. In Figure and Size it refembles a Filter, the more irregular; is Color not first, but most commonly white with a Teint of blue; it is fiscoin and finding. The Lational arterbase infinite Virners to this Be-filter, the more than a structure infinite Virners to this Secommonly white with a Tolin of blue; it is mooth and finding. The Indian starthess infinite Viruses to the Bything, The Indian starthess infinite Viruses to the Bything Indian Starthess in the World Spatial Telegraph of the bird Verbraviate in the World Spatial Telegraph of the bird Verbraviate in the World Spatial Telegraph of the Indian Starthess in the Indian Start, The One Indian Starthess in the Indian Start, The One Indian Starthess in the Indian Start, The Indian Starthess in the Indian Starthess Indi

usually for it in a gold Clic perced with Rioles, "Ricenser of Perception and Mechan only differ from Ricenser of Perception and Mechan only differ from the Click of the Click of the Click of the Click of the deep of the Click Administ, made by self y with Teneriter, that there is no share the calls addisoned pose, are not retained from the Click Industry, but the Riccal of the Mendey and Nutries of Aldersec, that they never are with 'em, unlike as Prefere to Archaelloffers, or the greatest Krines of the Industry of Aldersec, that they never a with 'em, unlike and the Click of the Click of the Click of the cours are for near a kin, that 't in more than probable, thus "Recorn' is applied by the Chymids, no feweral of their

Bezoar is applied by the Chymilts, to feveral of their Preparations, on account of the Beceardick Qualities they are supposed to have.

Animal BEZOAR is the Heart and Lungs of the Vipes pulverized rogether.

pairversed rogerner.

**Mineral Bazeaa, is an Emetick Powder of Antimony corrected with Spirit of Nitre, and foftened by repeated Lo-tions, which carry off the purgative Virusor of the Antimony, and idelitute a Diaphoretick one. It promotes Sweat like the Stone of that Name.

the Solice of that Name.

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BE 200 ARD VALUE of the Property of Populars of An Electron Ard Value of An Introduced For three Concess of Requise of An Introduced For And Introduced For An

on Water, that it gove impact.

Bracon National Fundation or of the Moon, is made by mising eight Oances of reclified Butter of Antimony with one
of fine Silver. This is difficled in Spirit of Nitre, by gently pouring it on, freth and fresh, till the Eballition ceale; a
when, the Spirit is drawn off by a gentle Heat, and the Bezoar manag'd as the former.

BEROARDICUM Meritale, a Diffolution of Creens Merits by Reverberation in Butter of Antimony, with Spirit of Ni-tre pourd on it; the reft as in the first. BIB!TORY Merita. See Annuesus Oculi, which

is the fame.

BIBLE, a Book by way of Eminence fo call'd, containing
the Scriptures, i.e. the O'd and New Teflament. Bibles
are diffinguith'd according to their Language, into theyers,
Greek, Latin, Chaldee, Syriack, Arabick, Copitek, Sc. 38.

Acquaintance with which making a confiderable Article in Theological Criticism; we shall here subjoin some Account

Hebrow BIBLES are either Manuscript or Printed. The representation of the result of the few each other; the former being in beautiful Characters, like each other; the former ocing in Dealuriu Characters, into the Habrew Bubbes of Stephens and Plumint, the latter in Characters like thole of Musifier and Gryphens. F. Stongo observes, that the older! Musifier the Habrew Bubbes are not above 6 or 700 Years old; nor does Rabbi Meashum, who quotes a wait Number of 'em, precend any of em exceed 600 Years.

The most autient printed Hebrew Bibles are those pub-lished by the Fews of Hebr, etherality of Physics and Breigh-Thole of Portragal also printed some Parts of the Bible at Lisbon, before their Expalsion. This may be obtieved in the general, that the best Hebrew Bibles are those printed under the Inspection of the Ferry, there being to many Minutie to be observed, that 'its fearee possible for any other to second in it.

either to Reccoed in it.

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form the first of b) 23. A much on the Pathinghouses, which are not in which are for in more preceding. From this Edition it was, that Busserf, the Father, princed his Helvew Bible of the Rabbins at Buff, in 1618 but in this are foreveral Faults, effectivily in the Commentaries of the Rabbins, when that learned March Cornected Some place that were againfi the Chriftians. In the Linne Year appeard at Venue's new Edition of the Tiples of the Rabbins by Lee & Moderna, a Rabbin of that Pathin of that Tiples of the Rabbins by Lee & Moderna, a Rabbin of that the Christians. Bypes or the Kapuns by Lee as poseens, a Rabbin of that Ciry, who pretended to have corrected agrea Number of Faults in the former Edition; but, befides that 'tis much inferior to the other Hebrew Bibles of Venice, with regard to Paper and Prant, it has passed above the Hands of the Inquisitors, who have alter'd many Passages in the Commen-

Indigen of the Rubbin.

For Hebrer Sheein as 48, that of R. Stephens is elterm flow the Beauty of the Characters, but its very interm flow the Beauty of the Characters, but its very interm flow the Beauty of the Characters, but its very interm flow of the Beauty of the Beauty of the
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Of all the Editions of the Hebrew Bible in 800, the most beautiful and correct are the two of fo. Albre, a few of Amferdam. The first, of 1661, is the best Paper, but that of 1662, the most exact. That however, published fance at Amferdam by Vander Hosghi in 1705, is preferable

to any of 'cm.

to any of 'cm.

After Albis, three Hebraifing Proteflouts engaged themfolves in revising and publishing the Hebrew Bible, vis.

Clodint, Johanski, and Opitist. Codatus's Edition was

publish'd at Frankforr in 1677, in 468 At the bottom of

the Page it has the various Readings of the former Edi-The third of the second securing of the former beautions, that the Author does not appear inflicitly veril in the Accenting, effectally in the Poetical Books boilded that not being publish'd under his Hye, many Fasils have very heartful, as to Lette and Frist' but, the the Editor pretends he made used to the Edition of Abbis and Cla-dirit, tone Criticks find It fearer different in any thing from the 24P Edition of Theory, which we have been the 24P Edition of Theory, which we have a supplied to the second of the control of the second of the control of the second of the from the 4st Edition of Bombergua. That of Opissus is al-fo in 4so, at Keil in 1709; the Character is large and good, but the Paper bad: "Tis done with a great deal of Care; but the Editor made use of no MSS, but those of the Gerbut the Editor made use or no such, but those of the cer-man Libraries, a neglecting the French one, which is an Omifficin common or all three. They have this Advan-age however, that befides the Divitions used by the Fear, both ground and particular, into Parafelies and Pejukins, they have all of those of the Carin Brbles, into Chapters and Verfes; the Keriketib or various Readings, Latin Summaries, &c. which make 'em of confiderable Use, with regard to the Latin Editions and the

The little 20the of R. Stephens in 1616; is much per-seed for the Beauty of the Chareker. Care, however, must be taken, there being another Edition of Goretta exceedingly like it, excepting, that the Print is work, and the Lext less correct. To these may be added some other Hebrew 20thers without Points, in Son and 2416. which are much covered by the Jews, not that they are more exact, but more commodious than the reft, and are

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The fecond Greek Bible is that of Venice in 1518. Here the Greek Text of the Septing is reprinted just as it flood in the MS, full of Faults of the Copills, but easily amended. This Edition has been reprinted at Stresburg, Bafil, Frankfort, and other Places, with fome Alterations, to bring it nearer the Hibrery. The most commodous is that of Frankfort, there being added to this, little Scholia

that of Pransforr, there being added to this, little Schules were are flavor the different laterpressions of the old where are flavor that the state of the state of the added his Name a but this comments whether to Finnis. The third Greef. Bible in that of Rome in 1855, with Greef. Schular collected from the MSS, in the Roman Li-dow of the Comment who has added the Latern Translation, which in the Roman are printed Equators, with Added. The Greef Edition

who has added the Latter Translation, which is the Remain was printed fearactly, with Scholar. The Govel Edition of Riente has been reprinted in the Polygon Thick of Latter and the Company of the Remained in the Resident of Latter and the Remained in Resident in 1976, by Bern Lindburg of the Remained in Resident in 1976, by Remained in Latter and Latter a

Latin BIRLES, how numerous foever, may be all reduc'd Latin Bratzs, how numerous feever, may be all reconce to these Calific, exist. the distant riligate, under from the Greik Springeys; the Miderar Frigors, the greatell part Greik Springeys; the Miderar Frigors, the greatell part Latin Termilations, done alls fore one the Melver Text in the 1-th Century. We have nothing remaining of the America Frigories used in the Printity Times in the Wiffers Clausches, but the Thiston, Wiffers, and Excludites. We consider Latin Fathers; but two suppositions of the Control Control of the Con action Latin Fathers; but 'twas impossible to do it ex-actly, in regard most of the Fathers did not keep close to it in their Citations.

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As to the Modern Fulgate, there are a valt Namber of Editions very different from each other. Cardinal Zomeste has inferred one in the Bible of Compluture, corrected and alterd in many Places. R. Stephens, and the DoClers of Learnin, have rook a world of Planis in correcting the Modern Valgate. The belt Edition of Stephens's Lattice Bi-

dern Frighte. The belt Belliton of Neybourh Zultu Bi-Belt in har of 1540, propried in 1451, in which not solded he in har of 1540, propried in 1451, in which not solded which be had conditted. The Delbon of Learner revised the Belter Frights was the Royal and added the re-ting the State of 1540, in the left of the Lear-ter Edition of State of 1540, in the Lear-ter Edition of Parties Links, of Physics. The Christon Notes of Feriest Links, or Physics VIII, Since which, Percip have not Lader to make my Altra-tion, excepting in Comment, and Separer News. The State of 1540 in the Christon of 1540 in the 15 in Salved. The Percip Links of 1540 in the 1540 in the 1540 in the two Referencies to the 1540 in the 1540 in Salved to Percentage and the 1540 in the 1540 in the 1540 in Salved to Percentage and the 1540 in the 1540 in Salved to Percentage and the 1540 in the 1540 in Salved to Percentage and the 1540 in Salved to 1540 in the 1540 in Salved to Percentage and the 1540 in Salved to 1540 in the 1540 in Salved to Percentage and the 1540 in Salved to 1540 in the 1540 in Salved to Percentage and the 1540 in Salved to 1540 in Salved to 1540 in Salved to Percentage and the 1540 in Salved to 1540 in Salved

of "Bleatival II they cell, to that the common Bibles have been of the Africo Concilions of the fame Chancut Hum-bour of the Africo Concilions of the fame Chancut Hum-poblished at Rame in 153s. "This heavy Change that lies on the Edilston of Pepa Chancut, so, that they have been new Texts added, and many old ones altered, to count-names and confirm what they call the Carbitake Deldrine: Wineds that celebrated Vallage of St. John, Twe Junt at manner. See Viron. This logical milities of the third armoner. See Viron. This logical milities of the third

There are a great Numbet of Latin Bibles of the third Class, comprehending the Versions from the Originals of the Sacred Books made within these 200 Years: The first the Stered Books made within thefe 10.0 Years: The first is that of Pegamins, a Zhomistian, pinned at Lious in 40s, much effected by the Feers. This the Author improved in a forond Edition: In 1914, there was a beautiful Edition of the fame at Lious in Folia, with Schelin, published ander the Name of Michiel Platforosoms; 1.c. Mechael Servetti, Anther of the Stabolis. Those of Zarrich have likewise the Company of the Stabolis. Those of Zarrich have likewise the Company of the Stabolis. The Stabolished Starrich have likewise the Stabolished Starrich have likewise the Stabolished Starrich have likewise the Stabolished Starrich have like the Stabolished Starrich have likewise the Stabolished Starrich have like the wife publish an Edition of Pagainuri, Bible in an. And R. Sajpheur regional in Falia, with the Plagas, in 137, percending to give it more correct than in the former Editions. There is also another Edition of 1586, with the Constitution of 1586, with the Constitution of 1586, with the Constitution of 1586, percentage of 1586, was inferred in the Polygia Rible of Philip II, and fince in that of London. There have been various Editions of it in Folio, 4to, and 800; to which have been added the He-brew Text of the Old Testament, and the Greek of the New. The best of em all is the first which is in Folio, 1531.

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One may add a fourth Class of Latin Bibles, co One imp and a worker Case or Letth Street, competer prehending the Philgare Edition corrected from the Origi-nats. The Bible of Historia Charins is of this Number: That Author no being connected with refloring the an-tient Letti Copy, has corrected the Timifacer in a great anniher of pieces, which he thought ill renderly. Some Philippin has been seen to the Competency of the Case of the Competency of the Competency of the Competency of the Difference and Lett Offense who crabb of the pub-lication are the Competency of the Com lift'd a new Edition of the Vulgate, corrected from the Originals.

Originals.
Originals BIRLES. At the head of the Oriental Verificas of the Dible, must be placed that of the Samarian, that of the Samarian of the Dible, must be placed that of the Samarian Hebrary Text, which is a link different from the Samarian Hebrary Text of the Feet. This Verifion has never been princed Dancy are any where but in the Polygoids of London and above, nor any where but in the Polygoids of London and

Peris.
Chatdee Bisles are no more than the Gloffes made by
the Jews in the Time when they spake the Chatdee
Tengue. These they call by the Name of Targunian, or
Paraphrashs, as not being any shift Version of the Scriptime. They have been intered entire in the large Habreu
mails of Vince and Walds, has no read open commodity. Bibles of Venice and Bafil; but are read more in the Polygloss, being there attended with a Latin

Tranflation

System Course, and the control with a Letter System Course, in the Year 15th Memory State of System Birsts. In the Year 15th Memory State of Street, in Research of State of S

Polygias, to be that of Saadias: at leaft, in the main. Their Reason is, that Aben Eara, a great Antagonitt of Saadias, quotes fome Faffages of his Verficon, which are the fame with those in the Arabick Verficon of the Polygias; ye orbers are of opinion, that Saadias's Verficon is not extam. with shole in the Arabica Varians of the Polyphia y yet in the property of the

all its Faults.

Armonism Birlis. There is a very smient Armonism Verifon of all the Bible, done from the Greek of the Seveny, by fome of their Doctors, about the Time of St. Chrysflon. This was fift printed entire in 1664, by one of their Bilhops at Amsterdam, in 410; with the New Xeftenmen in New. tament in 8ps

of their Billogs at Antigeration, in at a with the New YelfPerform Bissas. Some of the Fathers Gene (bit, yill all the Sarjitare was formerly translated into the Language of the Perform Suss. Some of the Tester Gene (bit and the Sarjitare was formerly translated into the Language of the Perform Personal Conference of the Perform Personal Conference of Tablest Jeroch and Sarjitare, and the Perform Personal Conference of Tablest Jeroch and Perform Personal Conference of Tablest Jeroch and Perform Personal Conference of Tablest Jeroch and Conference of Tablest Jeroch Language of Tablest Jeroch Language of Tablest Jeroch Language of the Performance of Tablest Jeroch Language of Tablest Jeroch Language of Tablest Jeroch Language of the Verland of the Web Eddie, excepting the Book of Keng, for the Uffe of this Construy-sent. These Book has contract, for the Uffe of the Construy-sent Jeroch Language of this Verland, but a Perple. We have nothing remaining of this Verland, but a Perple. We have nothing remaining of this Verland, but a Performance of the Performance of Performance of the Performance of Christopher Comments Performed to the Depter State.

Mail Control Performance of the Performance of the Performance of Christopher State of Performance of the Comments Performed at the Edgester of the Reformance of Christopher State of Performance of the Comments Performed at the Depter State of the Performance of the Perfo

BIBLES in Vilger Tongues are too numerous to be here rehearfed. See F. Simon's Castrical History. See also the Word Polygeot, Pentateuch, &c.

rebarried. See F. Simus's CRITICAL HISTORY. See althe World POLYMON, PRAYATELES, U.S. FORM MRCcles, from their having two Jecals. Such in the
cles, from their having two Jecals. Such in the
JECLES Childry. Medical of the Arm, one of whole Heads
BECLES Childry. Medical of the Arm, one of whole Heads
Stephtic, and is remaind and tendence, and finedow in the Claimone of the Claimone of the Childry. The Childry of the Arm, and made one
Belly, which is in infered by a through and roand Tendon
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Belly, which is inferred by a through and roand Tendon
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BECHY THES, A Mudical of the Log with two Heads
the one coming from the Tablesolity of the Reliam, and
which join copaches, and are intered by one Trades in use
the Species and Canternal Flars of the Bernery. In Uffe
to a tradition of the Arm of the Bernery. In Uffe
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to a tradition of the Arm of the Bernery. In Uffe
to the Teleforms of contribution of the Arm of the Arm of the
world which of the Arm of the Arm of the Arm of the
world which we did down.

BIDENTALES, Priests among the antient Roman, inflibillion (Tables, Thems among the statest resistant need for the Performance of certain Ceremonics, on occasion of a Thunderbook's fulling in any Place. The first and principal Part of their Olikee was, the factificing of a Sheep of two Years old, which in their Language was call'd 26-dm, as having Teeth on each Side; whence all for the Place fruck with a Thunderbolt, was call'd Bidental. This was not allow'd to be walk'd over; but was encompair'd with a Wall, or Pallifade, and an Altar crefted over ft; whence

a Will, or Hallides, and an Airer credicd over it; whence allo the Prictis, who officiated at it to perform the preficiable Liveliation, root the Name Bildenbles.

Beginning to the Name Bildenbles.

Beginning were the Charlotto that run in the List. The Bigs and Grantifey were the Charlotto that run in the List. The Bigs are of a very antient fittedling; all the Hences in Hence Bigson, Can Englain in the Hence Bigson, and Heldenbles, Can Englain Hences in Hence Bigson, Can Englain Hences in Hence Bigson, and the Hence Bigs

Death

Bigamy, in the Canon Law, is where a Perfon has of-pous'd two Women fucceffively, or fimply, elpous'd a Wi-dow: Each of which the Canonifts account Impediments to be a Clerk, or to hold a Bifhoprick without a Diffensa-tion. This Point of Difcipline they found on that of St. Paul, A Bifhop must be the Husband of one Wife. Biga-Paul, A Billiop mail be the Husband of one Wife. Fige-my they make of two Kinds; Real, as where the Pary achaelly marries twice; and Interpretatives, where he mar-ries a Widow, or a Woman debauch'd before, which is el-teem'd a kind of double Marriage. Here F. Dearin alli-tinguithes and observes, that Fenensu having been married twice, mult in this Senfe have been guilty in Bigonoy, and cingalfine and oldervee, that treates having been married review, must in this Such have been guilty in Signeys, and therefore thinks with St. forces, Get. that their only who married too Wires after Barfini, cancer assler the Incapation of the St. forces, Get. that their only who married too Wires after Barfini, cancer assler the Incapation of the St. forces, and the Incapation of the St. forces and the Incapation of the

ichtow, under hie would hold it out for then purpote: And being angold oit by holds gentage, andered haility, Not a being angold oit by holds gentage, andered haility, Not all which Name parket from him to his People. BRIABARUS FORKI, Sor Helpsatzi, Darit, a confederate With, Isma har Concurrence of Inflate their Manufacture to the Concurrence of Inflate their Manufacture of the Bonches of the Concurrence of Inflate their Manufacture of the Bonches of the Concurrence of Inflate their Manufacture of the Bonches of the Holds of the Manufacture of the Bonches of the Holds of the Manufacture of the Bonches of the Holds of the Manufacture of the Manufacture of the warped up in the firme Capplie with the Parts. Thefe Banches are shown the Size of a Viber-Strew, the legged pullshale from the Farts by their Concurs, being always into 2 the Manufacture of the Manufacture of the Manufacture of the Parts of the Size of the Manufacture of the Capplier of Council, properly called the States Theory They, about the lacks, merces with the Cylint Bank, of discages in the Size of the Size of the Size of the Size of the Manufacture of the Size the fame Apertuse with the Penerarisis Bull. The Pr-mit Bilismia communitates with the Gall-Billadde, by a Darf and definished by Dr. Gillin, and afterwards by M. Darf and definished by Dr. Gillin, and afterwards by M. Darranti, who gave it the Name of the Ggl-Hapitatis, the Ggl-Hapitatis Duffer; and the like has been other? All and a Darg and a Man. See Curst-Harvares. Decr. Bill.Diff. of a Ship, is the Bottom of her Floor: Billife-ter and the Community of the Well of the Pump; and confequently the Dutch; whole Ship Rateon, likes after his Form, do reads to a for well Fump; and it Billifet Pumpi; a cr, as we call them, Dura-Panney, and or saving the Billing-Hapitatis of the them a Ship Hutter.

DI N IL

on a Rock, they for, fin is highed. And Sillage in the
Breudin or her Floor when the life a germoud.
Blittle, a yellow, hitter julies, perspect from the Biolog
in the Liver, collected in the Party Bilteran, and Gulitime Blittle, a yellow, hitter julies, perspect from the Biolog
in the Liver, collected in the Party Bilteran, and Gulitime Event and Collected in the Party Bilteran in an Gulitime Event and Collected in the Party Bilteran in the Party Bilteran
in the Party Bilteran in the Party Bilteran in the Party Bilteran in the Party Bilteran in the Party Bilteran in the Party Bilteran in the Party Bilteran in the Party Bilteran in the Party Bilteran in the Party Bilteran in the Party Bilteran in the Bilteran good deal of hx'd Salt, (in which particularly it differs from all other animal Liquors) and a perty Quantity of Caput Morsusum, or Earth: the Baffs is Philogen. The Effect of the Bile is, by mixing with the Chyle and the Faces, to attenuate, refulve, ablierge, and filmulate the Fibre moattenants, reliive, abblegus, and fiftimalises the Flate inservices, to mixe ingesther things very different, to having and biant their, that we find a failure of the control of the cont

confirmed by this, that notwiththanding the great Quantity of sold shis in the Alimerin in the Storanch, there are set of sold shis in the Alimerin in the Storanch, there are set only the sold ship of the ship will have the Coffick Bile brought to its Receptacle thron different Ways, and that its even composed of three diffe-rent Kinds of Bile, whence its new Properties. Boorhagee rent Kinds of 21th, whence its new Properties. Deversance takes their Properties to refulir from its flagmating in the Gall-Bladder; and, with Malphyli, thinks the bitter Part may probably take that Property in the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fumily defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fundamentally defined to the Coass of the Gall-Bladder, which are fundamentally defin

the Coass of the Call-Bladder, which are turnified from the Cyflick Arreries; whence it proceeds bitter, and mixes with the reft in the Bladder.

The Thie is a Juice of very great Introcrance; with regard to the good or ill Habitude of the Animal, Dr. Woodward has traced its Effects throughout the Body very minutely, and makes no Scruple to akrybe moit of the Different process. muchy, and makes no Scrople to a faither mode of the Dif-cales between to found Diedect or the 20%. This he takes calculated the Difference of the 20%. This he takes this scionarts for molt of the Plencomera of a Body, whe-ther bushty or diseased 4 and yet the Anciests took it ro-tanged to the Company of the Company of the Company for the Company of the Company of the Company for the Company of the Company of the Company for 20% focusing the Company of the Company of the Company for the Company of the Company of the Company for the Company of the Company of the Company of the Company for the Company of the Company of the Company of the Company for the Company of the Company of the Company of the Company for the Company of the Company of the Company of the Company for the Company of the C to be greater.

crimes the Bile from yellow beco Sometimes the Bit from yellow becomes generally, like Verdigueed, and frequenty jue, like the Yorks of Biggs, and that without any other appetent Caule than is little Mosters that the Committee of the Biggs, and that without any other appetent Caule than is little Mosters and the Committee of t of Colors: In this Cafe is formerimen ratice like a very flurary formerimens like particle Blood, grawing, burnivers and the color of t

rapt, parch'd Bile, which, if it arole from a greenish, or paisth Bile, is still worfe. Too great an Evacuation of the Bile, either upwards or downwards, robs the Chilefaction

paids Bail, is still worke. Two great an Evacuation of the paids Bail, is still worke. Two great an Evacuation of the paid to the still be paid to the paid minimaling, that the Flaids contain'd in the Eloid of the Press Persa, which that excent the Sahalmoor of the Liver in its way to the Extremines of the Press Cens, indiffi-tion of the England of the Press Cens, indiffi-tion of the England of the England of the Press Cens, indiffi-tion of the England of the England of the Press which are not wide enough, no excerve Cens j by which means being for which congoling the Central Persa of the Blood, and being no looper aginated by the Viril Addison of the Blood, and being no looper aginated by the Viril Addison of the Blood, and the Press Central Persa of the Blood of the Blood of the Prince Persa Central Persa of the Blood of the Prince Persa Central Persa of the Blood of the Blood of the Prince Persa Central Persa of the Blood of the Blood of the Prince Persa Central Persa of the Blood of the Blood of the Prince Persa Central Persa Office Pe

constitute a new Humour connect non-me Droom, some Zille, Sce.

Laftly, Dr. Keill accounts for this Secretion of the Zille from the strong Attraction between the Particles whereof the Zille'is composed. He observes, that the Heart and Liver being so near each other; were the Cellisck Arrey to the Cellisch and the Heart of the Cellisck Arrey to the Bille's composit. He oblieves, that the Heart and Liver being for a read where you the Edited Array will. Liver being for a read where you the Edited Array will be the Edited at the Edited Array and by it found the Edited Book and the Ed to the Liver is at least \$6 Minutes: whereas, had an Ar-tery gone directly from the Aorea to the Liver, it would have passed in little more than half a Second, viz. in 243? have justed in line's more than half a Second, wie. In 443; times the Space is one steases in in 19-ling. Whence it is mirror that Space is one steases in the 19-ling. Whence it is a larger Time, and more languid Moren, was according to a larger Time, and more languid Moren, was according to the livery and that a singer Time, so more languid Moren, was according to the line of the line o

BILINGUIS, in Law, the Name of the Juty which paffes in any Cafe betwirt an Engliftman and an Alters whereof one Molety to be Natives, the other Ferriguers, if required. The Word in the Latin figuities double.

BILL, an Edge-Tool, fitted to a Handle, used to lop Trees, &c. When thort, it is call'd an Hand-Bill; when

ong, an Hedging-Bill.

Bitt is also a Declaration in Writing, expressing the Wrong and Grievance the Complainant hath suffer'd by the Party complain'd of; or else some Fault committed by him Party complaint or y or elle kome Fault commutted by him against fome Law or Statate of the Realm. This that is commonly address to the Lard Chanteller; e specially see nuccessionable Wongs done Sometimes to others having Jurislikson, according as the Law they are grounded on, directs. It contains the Fache complaint of, the Damagin fulcially, and the Petition of Process against the Defendant

for Redress.

Bank-Bitts: Inflraments whereby private Perfors become entitled to a Part in the Bank-Strek. They are formed on the Model of the London-Paillit.

Bitts of Patry, an Account of Goods entered at the Chipman-Robelly, both Inward and Octaward, swherein is expected to the Chipman of the Chipman o

of Goods, and the Sora, and from whence imported, or to what Flace opporing. a Writing ordering the Payment of Brite of Eschonge, a Writing ordering the Payment of Brite of Eschonge, to any Perion offinged by the Remitter, in confidenciations, to, any Perion offinged by the Central Control of the Control

con another roce. In the more interes and latello of Mercent and the control of a Bull of Jacksony. Some take it is be too Control of a Bull of Jacksony. Some take it is be too Control of a Bull of Jacksony. Some take it is be too Control of a Bull of Jacksony. Some take it is be too Control of the Control of Bull of Jackson and Control of Bull of Jackson and Control of Bull of Jacksony were unknown in the andron Remone Displaces. According to the common Originals, they for four men common Control of Bull of Jackson and the Control of Bull of Jackson and the Jackson and the Jackson and the Jackson and the Jackson and Jacks

when the state of the state of

Bill of Parcell, an Account of the particular Sorts and rices of the Goods bought, given by the Seller to the

Bill, in Parliament, a Paper containing Propositions of-fer'd to the Houses, to be pass'd by them, and then pre-fented to the King to pass into an Act or Law. See Pan-

LIAMSINT.

Ball of Sale, is when a Perfon wanting a Sam of Money, delivers Goods as a Security to the Lender, to whom he gives this Zill, impowering him to fell the faid Goods, in eafe the Sam borrow'd is not repaid, with Intereft, at Time appointed.

the I'mm appointed.
Bitt of Store, a kind of Licence granted at the Cuffers-Houfe to Merchants, to earry fuch Stores and Provinces as are necessity of their Voyages, Cutlom-free,
Bitt of Sufference, a Licence genered at the Cuffers-Houfe, to a Merchant, to fuffer him to trade from one
Longillo Port to another, without paying Cutlom.
Bitta, N Van, the Zill is true. The Grand Inquest im-

BILLA VERA, 18th 2011 IS 1998. Inc tyrand inquest unpuncilled and fower before the futilities of Eyre, 25c. endoring a 2011 whereby any Crime panishable in that Court is preferred to 'em, with thefe two Words, fignish thereby, that the Prefenter has familihed his Prefentment with probable Evidence, and worthy further Confideration; where-upon the Party prefented is faid to fland indicted of the Crime, and bound to make an Answer thereto, either by confelling or traversing the Indétment. If the Grime touch his Life, it is yet refer'd to another Inquest, call'd the Inquest of Life and Death, by whom if he be found guilty, he stands convict of the Crime, and is condemn'd by the

Judge. See Inquest, Indictment, &c.

BILLET, in Heraldry, a Bearing in form

BILLET, in Hersldry, a Bearing in form of a long Square. Billets are faid to be couch'd, or inverted, when their longest Side courd d, or inverted, when their longest Side
is parallel to the Top of the Shield, and the
floorest perpendicular. These were aniently Picces of Closh of Gold, or Silver, longer
than broad, placed at a distance by way of Ornament, on Clothes, and afterwards translated to their Cost nament, on Collies, and alterwards training of their Con-Armour. Gwillim miftakes, when he fays a Billes reprefents a Letter feal'd up. A Coat is faid to be billeted, when it is charg'd with Billets. Thus, he bears Argent-Billette, a Croft

energe a with Bitters. A day, he bears zirgent-Bitters, a crops engrail'd Gales, by the Name of Heath. Bloom says, the Billets must be number'd when they are not above ten. Billist mult be namber of when they are not acrove ten. BiLLiARD, a very ingenious Game play'd on an oblong Table, with little ivory or wooden Halls, which are driven by crooked Sticks, made on purpole, into Hazards, or Holes, on the Edge and Gomers, according to certain Laws, or Conditions of the Game. The Word comes from the Pérende Billiard's of Billist the Balls made ufe of, and that from the Latin 'Pille, a Ball. b. fifth Mark its condition of the Conditio

that from the Latin Filds, a Ball.

BILLON, in Colnage, a kind of base Metal, either of
Gold or Silver, in whole Mixture Copper predominates.

According to M. Founterous, Billion of Gold is all Gold beneath Standard, or at Carars; and Billion of Silver, all below ten Permyweights. But, according to others, and among
the relt M. Birker, Gold and Silver beneath the Standard, the reit M. Betelfra, cool and other seneral the concentration as first reverbed Carata, and fix Pennyweights, are properly bafe Gold and Silver; in regard Copper is the prevailing Metal. The Word is French, form d, according to Menny, from the Latin, Bluns Denserius. We don't find this next. from the Latin, Himus Densrius. We don't find 'tis naturaliz'd among us; but the Necessity we are frequently under of using it in the Coutse of this Work, required its be-

RIMEDIAL, a Term in Mathematicks: when two Me dial Lines, as AB and BC, commensurable only in Power, and containing a Rational Rectan-

A1and contaming a Rationas Rectingle, are compounded, the whole
AC fhall be irrational, and is call'd a first Bimediat Line.
BINARY ARITHMETICK. A kind of Arithmetick
first proposit by M. Leibnitzs; wherein, in lieu of the ten
Figures in the common Arithmetick, and the Progression

because the Emergina of this deliberation. from 10 to 10, be has only two Figures in all his Arithme-rick, and ules a more fimple Progretion from two to two 3 shewing it of confiderable Advantage in the Sciences. All his Characters are o and s. And the Cypher, here, multi-plies every thing by 2, 2s in the common Arithmetick by 10: Thus, I is one; 10, two; 11, three; 100, four; 101, five; 110, fix; 111, feven; 100, eight; 1001, nine; 1010, ten, &c. which is built on the same Principles with the

mon Arithmetick

common derbinsteité.
Hence immediately appears the Resefee of a recharted
Praperty of the Duplicate Commercial Property in the Property of the rations will be eafy: In Multiplication particular-

thing by heart, He does not recomm thing by heart.

He does not recommend this Method Sir common Ufe,
because of the great Yambre of Figures used to expend as
Number: Adoling that if the codingry Progration, and
commercial adoling that if the codingry Progration of
Numbers, in making Tables, 42c. When makes the jinnative principal control of the properties of
Numbers, in making Tables, 42c. When makes the jinnative forthwards the more remarkable is, that is appears
to have been the fine with that used good Tears ago
among the Chinofi, and left in Endgenn by Jelsy, the FounM. Lamit has proposed as new Settler of Learnitation. On
M. Lamit has proposed as new Settler of Learnitation.

M. Lagni has proposed a new System of Lorarithms, on

The England has proposed a new system of Departers, on the foot of the Strasty Department, which he finds Horter, me cetty, and natural, than the common ones.

BINARY MEASORA, in Musick, is that wherein ou beat equality, or the Time of Rilling, is equal to that of Falling,

TIME. BINDING of Books. See BOOK-BINDING

BINDING of MORE. DOE MODE-INDING.
BINDCLE, Or BINDOUR, in Opticks, a double Telefcope, i.e. confiding of two Tubes join'd together, by which
a remote Object may be viewed with both Eyes at once,
It was invented by F. Retera, a Capachin, who defetther
it in a Book call'd, Joulus House of Tible. Since which F.
Chambin her, wore a harm Velley thouse. See These. Cherubin has wrote a large Volume thereon. See Teres

cors.
BINOMINAL, in Algebra, a Number predaced by the
Addition of two Nambers of incommentarible Mapitudes.

Addition of two Nambers of incommentarible Mapitudes
or a Rose conflicting of two Farts, or Members, commence
or a Rose conflicting of two Farts, as a set by the conflicting of the Sam of those two Quantities; if it have
for Parts, as a + b + c, it is called a Frizonistinal is finer.

The Additional Additional Confliction of the Conflictio

BIOGRAPHER, an Author who writes the Hiftory, or

BIOGRAPHER, an Author who writes the Hillory, or Life of any Perlon, or Petron, as Pitturer, Corn. Nepos, &c. From the Greek Bifs, vita, and yespa, fersle. BIQUADRATICK, the next Power above the Cabe, or the Square of a Cube Root. See Expraction, Power, and Root.

and Roo'r,

BiQUINTILE, an Afpect of the Planets, when they
are 144 Degrees diffinite from each other,
are 145 Degrees diffinite from each other,
are the property of the prop rate to ruces or the wood be ferr, and want a in a ranning Stream till no Motes appear, put up to Germent four or
five Days, skimm'd as often as any thing arifes, and laid up
for Ufe. To ufe it, a third part of Nut-Oil is incorporated
with it over the Fire. The Birdinne brought from Damnfcus is improved to be made of Schaffent, their Kernels befine frequentials from din it. I want his does not endow sither. ing frequently found in it; but this does not endure either Proft or Wet; that brought from Spain is of an ill Smell; that of the Italians is made of the Berries of Miffeto, heat-

cd, mix'd with Oil, as before; to make it bear the Water, they add Turpentine. "Tis faid, the Bark of our Lantone, or way-faring Shrub, makes Birdlime as good as the best. BIRDS are diffinguish'd as they belong to Land or ter: Of Land Food, some have crocked Beaks and Ta-lons; and of these some are carnivorous and rapacious call'd Birds of Prey; fome fregivorous, call'd by the general Name of Parrots. Of Birds of Prey, fome prey in the Day-time; and of these are reckon'd a greater and leffer Sort : The greater are either of a more bold and generous Nature, as the Eogle-kind; or of a more cowardly and fluggish, as the Vulture: The lefter diumal Birds of linggill, as the Vallarie: The leffer diumal Birist of Prey, are the Honek-kind, which are won to be reclaim'd and mann'd, for Fowling, and call'd Henk's; and by the Fakoners diffinguilf'd into long-evinged, as the Falcon, Lasurer, &c., whofe Wings reach almost as far as the End of their Train; or between die, as the Gift-Honek and Spar-rose-Honek, whole Wings, when cloted, fall much thort of the End of their Trains: Those of the Henk'skind which the End of their Prims: Thou of the Mera-Kritt which are of a Nature more consudy, and dingilly, or elli indicate, are neglected by our Factomer, and is live at large τ kind, and the state of the s

ref., and Prophisipys, and the lead Soc. Perrolators and all that Knoll mains on or their Back in climbings and more the supper law. Land flinich that have their like and Chess more fielight, are disinguished into three Sines, which was not the supper law. Land flinich that have then fill and Chess more fielight, are disinguished into the Chess. As a simulation of the Uwings, cannot divaried Solies, and Smallands of their Wings, cannot divaried large, thick, dream, and long once; fome of which feed permittionarily or February 1997. The supper large divides are pury-coloured: Soume feed on Fifth evily, as the Knappelfors; and form on infection why, as the Knappelfors; and form on infection why, as the Knappelfors; and form on infection which are hardy-coloured; Soume feed on Fifth evily, as the Knappelfors; and form on infection which are hardy-coloured; and the supper law of the su

may the more chivements, water in waters. Or mere they reckon two Kinds; a greater, as the Grane, Jabirn, &c. and a leffer, which are either pifeivorous, feeding on Fish, as the Heron, Spoon-Bill, Stork, &c. or Mufduckers; or and a lefter, which are either pickworus, feeding on Fifth, as the Herres, Some-Bill, Sorbe, See, or Millagheries, or indectrowant, of which the left of left of the left of left of the l which fame for hive but three Toes on each Food, as the Progenia, Rears Fill. So. but generally they have for Toes on each Foot, and their either all connected miles Toes on each Foot, and their either all connected miles So. or more eliantly with the Back-Tro Index and the Kind are either aerress bird, as breakbird. Their with Kind are either aerress bird, as breakbird. Their with the last of the sold of the sold of the sold of the rilly of which for form are Germa, as in the Drow-Kind, and imm one touched, as in the Profiles, or harp pointed the Gallkinst, and done flower, as these desired, Profile and Gallkinst, and done flower, as these desired, Profile which are familier, and their fame two Sos-Plants, or River and Phills-Ducks. Molt Weers-Freit have a flower Parters and Windowskin, the last were to Toe-freewale. Tail; and nome of this Kind have finer Feet dipos & BKC Perrysts and Wood-peckers; hat have two Toes forward, and two backward, none having more than one Back-Toe, and fome none at all. See Wislanghby's Obsistances. BIRTH, of a Fetts, its Delivery from the Mocher, See Fortus; ter the Number of Births fee Marriages, of Births are which the Proportion of Births to Marriages, of Births.

der wich the Proportion of Births to Maringes, of Births to Dennis, and of Mac Births 16 Pentis, be compreded to Dennis, and of Mac Births 16 Pentis, be compreded to Dennis and of Mac Births 16 Pentis, be considered and Diltates observed between Ships Jing as an Anchor, or outset Shij; and the Rainaguest Hanging up the Side of the Ship: Alie the proper Flace a board to put their Coctes, Gr. in a life the Births, and a convention? Earce 16 Center, Gr. in all the Births 16 and soon convented? Earce 18 BisHOV, a Prelam, or Perfos confectated for the Spiritual Government and Direction of Boston 18 BisHOV, a Prelam, or Perfos confectated for the Spiritual Government and Direction of Boston 18 BisHOV, a Prelam, or Perfos confectated for the Spiritual Government and Direction of Boston 18 BisHOV and Direction 18 BisHO

succe Profit a but whether that Dillichlum be of driven or human Right, whether it was Kettel in the Applicalist Age, or introduced litte, is much controversed. On the hot has been a successive of the control of the con-trol of the control of the control of the con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of the Control of the Con-trol of the Control of

Hillops, and the Evangelical to the Priefts, &c. Or ea-ther, as fome others will have to the Fundition of Teach-ing and Presenting were referred to the Hillops, and that Or stantion Superadded; which was their principal Diffuse-tion, and the Mark of their Sovereigny in their Disor-tion, and the Mark of their Sovereigny in their Disortion, and the Ma

The Word comes from the Saxon Bifebop, and that from The Word comes from the same dijector, and that from the Greek Estimates, an Overficer, or Infector s, which was the Title the Atlentant gave those whom they fen time the Provinces fulpied to "em, to see whether every thing were kept in Order; and the Romant gave the same Title to those who were Infectors and Vittors of the Bread and to chole who were Injectives and Vinters of the Bread and Provision. It appears from a Letter of Gierre, that he himfelf had a Hilboprick, being Epifopsy Ore & Campa-nie. Disease was also used for the Extens of this Govern-ment; and Gierre uses it in this Sense, Assissers. Hilbops are of various Kinds, Archibiliops, Hilbops, and Suffrages-Hilbops, which see; as also Acophals, Metropo-

litius, Ex.

The Function of a Billings, in Boyland, may be conduced.

The Function of a Billings, in Boyland, may be conduced.

The Bullings of the Billings of November 10 to 10

ficians, Chiesquean, and School multers, the Uniting famil Parthne, (tho this like Wister is now peculiar to the Dirthne, the Chies in Britisher in the Wester in the Wester in the Wester in the State of State o

others.

In the Rossillo Church, the Biffing Elect being prefented
by the Elder Affifiant to the Conference, takes the Oath:
He is then examin'd as to his Faith; and, after feveral
Prayers, the New Yelfamenut is drawn open over his Head,
and he receives the Unction on his Head by Chrisma. The

to the 20th p Elect, a Declaration of their Contunacy in one appearing, and Administration of the Oath of Su-premacy, and anomala (Doedreece, Stemenoe being read-tives). These theory of the Contunity of the Con-tracts. Then follows the Confection, by the Arthelilops and two Affidats 20th pages. The Coremony is the time as in the Roselli Contunt, ture that, having put on the Epito-pal Robes, the Archifyliop and Tiflops I by their Hands on the Head, and confection this with a certain Form of Worlds. After Communion they go to a Banquer.

The Translation of a Bifloop to another Biflooprick, only

The Translation of a Billiop to another Billiopteis, only differs in this, that there is no Generation. Note, A Billiop differs if the man Article billiop in this, that an Article billiop to the Article billion of the Article bil

Bission's-Court, an Exclafissition their in the Ca-thodrai of each Diocefe; the Judge whereof is the Bission's Chesculler, antienthy call a Chesculler, and Exclafe Can-stitutes, the Church-Lawyer; who judges by the Civil and Canon Law; and, if the Diocefe be large, has his Com-miliaries in remove Parra, who hold what they call Conflite-ing.

millidate in remore Parts, who hold what they call Confidence Courts, for Marces Innited to his by his Commillion Courts, and the state of the first Marce of the first Marce of Tan, which yet inspected a for death of the Marce of Tan, which yet inspected a pad found in Tan Mines. It is Sudfrance in hard, heavy, fluers, and founds of the Marce of the Sudfrance In the Anney, Tan Washer of time pulltid subdenies like Child, "I talk Court Marched State yet dispenses to the Child Court Marched State of the Marce of the Marce

cefs in Charras.

Along Barbs lays, there has been lately found a Mine of Biffmuth in Bohemia, and ranks it among the Metals:
But Biffmuth is properly the Regulus of the Stone call'd Cobut y whence is prepard Arfevick, Lapis Lavali, and Bif-muth. M. Stabl, a German Physician, gives us its Preparation. There is also an Artificial Bifmuth, which is that ordi-

There is allo an Brithelas Hipmunk, which is that ordinarily sleft, made by reducing Tio into thin Lamine, or Plates, and comenting them by a Misture of white Tarter, Satt-Putre, and Mismide, Harafied in a Cruible over a naked Fire. The fame is also made of a Stone call Ziu, using Lead instead of Tin, and a little Calamine Stone.

BISQUET, a Confectioner's Preparation of fine Flower.

BISQUET, a Confectioner's Preparation of fine Flower, Eggs, and Sugar, with Annifecds and Citizon Feel, based in the Oven in Tin or Paper Moulds. Sr. Biscyr., a Bread much dried, by paffing the Oven twice, to make it keep: For long Voyages they bake it four times, and prepare it fix Months before the Embark-ment. The Word comes from the Latin bit, and the French

ment. The Word comes from the Lastin bit, and the Frence unit, q.d. review below.

BISSECTION, in Geometry, the Division of any Quantity time two equal Fatus, the fame with Bifaertition: Thus, to biffed any Line, is to divide it into two equal Fatus.

BISSECTILE, or Lasp Fare, in Chronology, a Year confilling of 360 Days, happening once each four Kean, by the reason of the Addition of a Day in the Month of February,

realos of the Addition of a Day in the Month of Pervasty, to recover the fix Hours which the Sun finends in his Courie each Year, beyond the 365 Days, ordinarily allow d for it. The Day thus added, is allowed a Call'd Bifferthie; Ceftor having appointed it to be the next after the 15th of Marzh, which among them was the 7th of the Calends of April. Thus the 6th of the Calends of April. twice over; whence the Interestary Doy, and the Test when it happens, are both called by the Name Bifferette. However, the Aftronomers concern'd in reforming the Calendar, by Order of Pope Gregory XIII. observing that

no Biffextile in four Years added 40 Minutes more than the Sun spent in returning to the same Point of the Zadiack, the Sain Spent in returning to the finite Polint of the Zudzieże, and comparing that these langermancersy Minustee in 18, and comparing that these langermancersy Minustee in 18, and the property of the Polint Spent Interest to the Sasions, there should be three Bufferstee returneds it. Accordingly, in the Year 17,000 and the Polint Spent Sp

BISTER, or BISTRE, among Painte

of Chimney-Soot boil'd, and atterwards diluted with Wa-ter, ferving to wash their Defigns. Instead of this some use the Strokes of a Pen, some Instan Ink, others a black BIT, an effential Part of a Bridle; its Form and Ule

BIT; an effectial Part of a Bridge is Form and Ule will known; its Parts and Kinds various. For the feveral Parts of a Bit, thois of a Soeffe or Curb-Bit, are, the Month-Parce, the Checks and Eyrs, Guard of the Check, Had of the Checks, the Port, the Willer, the Campanie of Curb and Hole, the Biglier, the Willer and Rebbert, the Water Claimt, the Side-Bitti, Bult and Rings, Kiribes of the Bit or Carb, Yarack, 'typ-rail, Flog Parts, The Campanies of the Bit or Carb, Yarack, 'typ-rail, Flog

and Jive.
The Kinds of Bits see, 1. The Muffell, Staffile, or Watering Bit. 2. The Canons Match. 5, The Convent with a fait Month all of a Fleet, only laced in the multi-discount of a fait Month all of a Fleet, only laced in the multi-discount of the seed of

BITE of a mad Dog. See Hydrophobia. Bite of a Viper. See Viper. Bits of a Tarantula. See Taranyula.

BITTEN SES, a particular Savor or Seniation, sup-pord to result from this, that all the Particles of the bitter Body are broken, blauned, and diminish d, for some of 'em-remain long and rigid, which is confirm' from this, that Foods burnt, and their Particles much comminuted and

remain long and rigid; which is continued from this, that Foods burnt, and here Purishee most commissioned and her Burnthee most commissioned and her Burnthee most commissioned and here and the properties of th

so open as esser whose Length to discharge their Scods ; fuch as Peafe, Beans, &c. for those the Bounists say have a Brustue Siliona.

fach in Each, Beans, &c. for these the Bountité by have BWLNN TEM, a harmony, the fact, Macles of the Jay, and this of the Jay, and the of these feerings to open it: The call of Bienters, or Dogstrient, as having two Belles for it was External and the state of the Burners, or Dogstrient, as having two Belles for two the Coulombia of the State of the Stat

fifth in there not being above far Founds of Indige to a Ball of Patlet, when the Hall begin to call in blue Rower; and the Patlet health was to the blue Rower; and the Seart is both with Allan, or "Iran; then modeled"; and, billy, the Zhock given with Galls, Copperas, and Seart is both with Allan, or "Iran; then modeled"; and, billy, the Zhock given with Galls, Copperas, and Seart is considered in the Failing Mall, when when, and well washled discovered in the Failing Mall, when when, and well washled discovered in the Failing Mall, when when, and well washled discovered in the Failing Mall, when when, and well washled discovered in the Failing Mall, when when, and well washled discovered in the Failing Mall, when when a search of the Mall the Mall the Mall, and the Mall the in it, and again taken out fits or eight times. Some prifer that Block to the weller, but on well pounds. This Meth Block to the weller, but on well pounds. This Meth Block to the well-the well pounds. The Meth Block the State of the State of the State of the State of Stat the one and the other; the forme prefer that made at Pa-ris to that of Frankfort.

riz to that of Frankferi.

Ewry or Forter Baces, is made of Lowy burst, ordinarily, between rew Caudheis well faced; which being, thus, received eperfectly lacks, and in dealers, is ground in Water, considering the state of th

than beart Cork; utefa in various Works, pertucularly a-month of the control of the control of Rafin, per Large Bacter, Ondoe-Enters, the Southe of Rafin, per per Large Bacter, Ondoe-Enters, the Southern Corke, and the Child, the Externing and purelying the Rafin in Iran Vel-Edit, or the Large Bacter, and Incel sup- with Sheep-State, or the Large Bacter, and Incel sup- with Sheep-State, which is the Black. In this manner they request val Quantices of tr at Parity. In England it is, ordinarily, is known, which is the Black. In this manner they request with Old Fell myself in creates it is far which it is mixed with Old Fell myself in creates it is a Black of surface of the Corken Sheep and the Corken Sheep and the Corken and, when on first, is very difficulty extinguish? It The bed Method of parting it out is, with were Lincan, Hay. Extrn-Blacks is a kind of Cool found in the Ground, which, well ponded, is used by the Fainers in Frync. There is also a kind of Blacks made of Silver and Lead, BLACANNESS, the Quality of a black Body, or a Co-lour string from the a Person and Silvarian or the Su-perficial Error of the Body, as does, as it were, doubt, or

BLACKNESS, the Quality of a black Body, or as Colou strings from their a Evenium and Bination or the sizperficult Yarn of the Body, as does, as it were, deaden, or
specifically are not the Body, as does, as it were, deaden, or
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Man, which Effect may record partly from the Majistude of Refindlion in a little room, and partly from the cerl Commonton of in very final Parintees, and an approximation of the Commonton of the very final Parintees, and an approximation of the Commonton of

dies, and is often refleckt dan derefielded in beens, till it bet littled and loth. Soc. Levut and Good of the Spide. Be. ILACK KOD, or Gentleman Ulber of other Spide. Be. ILACK KOD, and the Spide. Be. ILACK KOD, with a Lion Gold at sop. This Red has the Spide. Be. ILACK KOD, with a Lion Gold at sop. This Red has the Spide. Be. ILACK KOD, with a Lion Gold at sop. This Red has the Parisment, according to the Good of the Grant Spide. Be. ILACK KOD, with a Lion Gold at sop. This Red has the Parisment, according to the Good of the Spide. The Good of the Grant Spide.

Patent.

BLACKS, or Negre's, a Nation of People, fo call'd from the Colour of their 5kin: For the Resion of their Colour, and the Commerce made with cm, for Naron.

BLADDER, in Anatomy, a thin expanded membranous Body found in feveral Pairs of an Animal, ferring as a Receptacle of foun Juice, or of foun liquid Excrement; from the Colour Colours of the Colours of t

where it raches 'rationa Denominations, as Transpr Blad-BLALTHEA, by way of Bimicenes, it saley Welfel, which force as a Recoprude of the Uran of Asimus, after in Secretals from the Blood in the Kilosey, Ir is financial Secretals from the Blood in the Kilosey, Ir is financial locate Part of the Adhesies, between the 01. Secress and the 07 Polis, above the first Gas in Men, and the Navel by the Urachest degenerated into a Lippences, in Sidne to the Orbital Thereia, and Isa Neck to a Sidne to the Orbital Thereia, and Isa Neck to the three Courts; the first a Covering of the Terrimostory, there Courts; the first a Covering of the Terrimostory, the Courts; the first a Covering of the Terrimostory, the Courts; the first a Covering of the Terrimostory, the Courts; the first a Covering of the Terrimostory, the Courts; the first a Covering of the Terrimostory, the Court of the Court of the Court of the forced to company of Musicials Filters, which on the Windles for facilitating in Dilutation, is both gland-lows and nervous. In Claudi Experts a Videous and filtory, the Court of the Court of the Court of the forced Court of the Court of the Court of the forced Coast of the filter, which is chartered call d'Atterner progenities, and Nerves from the Interregions. See Uder, Gall-Bladder, &cc.

pogafficits; and Norves toom or Beatls, confiding in a BLAIN, the Bloomer indicate to Beatls, confiding in a BLAIN, eventually the BLAIN confidence of the Tongue against the BLAIN confidence of the Storach of the World Properties at length feedings of the Storach; whereby, as tooms pulse, it till grows, and increased by more Heat.

BLAN-LHING, the Art or Manner of Blasting, or Statemers, So Blastings, or Statemers, So Blastings, or Statemers, So Blastings, and the Statemers, So Blastings, or Statemers, So Blastings, or Statemers, So Blastings, or Statemers, So Blastings, or Statemers, So Blastings, and Statemers, So Blastings, or Statemers, So Blastings, and Statemers, and Statemers

Manner of the Division of the Escateboon by Line, whe-Manuer of the Divifino of the Effections by Line, whe-ther closerifielt, or bordeways, must be expected. After the Edit of the Edit of the Edit of the Edit of the the Edit of the Edit of the Edit of the Edit of the the principal Part of the Edit of the Edit of the Edit of the the principal Part of the Edit of the Edit of the anneal fulf. The Arms of all Emproors, Kings, and Princes, are Messaid by Planest, picko of the Noblish by precious Stones; and Mesal and Golour. It must further be obleved, that Mesal must never be part of the Edit of the Edit of the Edit and the Principal Control of the Edit and the Edit of the Line and edit of the Line and edit of the Line and edit of the Line and edit of the Line and edit of the Line and edit of the Line and Edit of the Line and Edit of the Line and Edit of the Line and Edit of the Line and Edit of the Line and Edit of the Line and Edit of the Edit of fo doling, the Arms are falle. It may be added, that when Loan intell quijble in a Count, via see carled Consequent to Loan intell quijble in a Count, via see carled Consequent to the County of the

ploits of the Persons who bore them.

BLEACHING, or BLANCHING, the Art and Manner of Whitening Linens, Stuffs, and Silks, &c. The Process

HILLEGAINNA, or BEARCHING, the Art and Manner of Whitening Libens, Stuffs, and Sila, CA. The Foods of For Breaching Sila. While Vis yet raw, it for a long large and a state of the state o

pit is very thin, of a brown Galue, berns reality; and Sight. It may be here othered, the sheen a Stoff hat in barning finells ill.. Int Use in Psycks is the fame with one or created with the other of Cofferent, wit. See Vagours. Intellected of the 2threa of Cofferent, wit. See Vagours. Intellected of the 2threa of Cofferent, with See Vagours. Intellected of the 2threa of Stoff of Shell of 16th Virtue, call'd store.

HEAZE, in the Among, See Stras.

HEAZE, the Among, See Stras.

HE saken out of the Lie, they are warful in cient Water, firecal in a Mondes and water for moin to time, with regreat in a Mondes and water for moin to the me, with regreat in a Mondes and water for me and the same a fix Weeks, or more

To bleach coarfe Linens. They are taken from the Loom, and laid in wooden Frames, full of cold Water; where, by means of wooden Hammers, work'd by a Water-Mill, they are beat fo, as infenfibly to wash and purge themselves of are best 6, as infessibly to well, and jungs themselves of their Fills 4, then freed on the Graned, where the Deve their Fills 4, then freed on the Graned, where the Deve their Fills 4, then freed on the Graned, and as the state of the Graned on the Graned, and, as the Graned on the Graned on the Graned, and, as the Graned on the Graned on the Graned, and, as the Graned on the Graned on the Graned, and, as the Graned on the Graned on the Graned on the interpretation of the Graned on the Graned of their in the Graned of the Graned on the Graned of their in the Graned of the Graned on the Graned of the Graned of their in the company of the Graned on the Graned of their in the Graned of the office of the Graned of the Grane

meng the Antients, but is frequent among the Moderns. Objustify inderers, that at Rante Federica of Quality are one allow d as to let the find, even in their mod disagreous Defetes, and the state of the properties of the proper

Beagles, unaing where one causes has been made in the first to enter, but return.

BLEMMYES, People Inproid to be without Heads, and to have their Eyes and Moath in their Brenit; mention'd by P. Mels, and other antient Authors. They are improid to have inhabited Eart of Exchapiles. Some Authors derive the Fable of the Blemmyer from this, that

isppoof to have lanksteel Bart of Æthosjas. Some fas-tions derive the Public of the Æthospase from this, that their Heads were hid be-weet their Smalders by Indilling Word Æthospase from ever their Smalders by Indilling Word Æthospase from ever their Smalders by Indilling Word Æthospase from ever their Smalders & Negation, and 1200, Brain: In which Smile the Æthospase must have Barting from varoutly as the whole Hant Smarten was the Hall Gilling. We have, To Elicias incidente to Planta, and a feelings in waroutly as the whole Hant Smarten specifies of it, and fenenties only the Leven, which will be fourth of This Diclose feldom happens, but upon the blowing of Hant Eastern Word, which are most frequent with a shoot Marrie; whose the Hondy proves, of all when, pipe the Colds that then reign being candiserated by the Eastern Winds, effect Rightly, but Mr. Æredelly isremithes as with the word of the College of the College of the pipe of the Colds that the reign being candiserated by the Eastern Word of the College of the College of the pipe of the College of the College of the College of the pipe of the College of the Eastern word that the College of the College of the Branches more than others; and thence infers, other that the Eggs of those flood college of the Hat the Tempe-fery to hast the Goranter, Espongion the Eggs on how been already laid on the Intelled Farra. Now, each of

this Caulis from to have their Effect Those Bighest at traded with large Woma or Caterplitus, from harch d by the Eaften Wildes and those does which only produce the famil Indicht, that occasion the Carling of the Lawra of Trees, may proceed from Swarms of 'orn, dirther credy harched, or in the Egg, brought with the Wind, of the Calento of the Wilder Indicht Indicht, difficult Calento of the Wilder Indicht Indicht, difficult Indicht requiring with different degrees of Heat. To this he flows, that every Indicht hair once Plant of Treban to flow the Carl Indicht Indicht. Siedle sequiring railly different degrees of Heat. To this has fiewed, that every findle has in gone Plant, or This of Plants, which is ansually requires for its Nooriflmont, and will feed on other, and in which, therefore, it siys its Eggs; "The so wender then, that one kind of Tree findual he infectle, and all the erd felage. That who, e.g., which brings, or hatches, the Caterpillan on the Appelrone, will not infect he feel, Plant wind, w.g., which brings, or hatches, the Caterpillan on the Appelrone, will not infect he feel, Plant, or Charry; because, were the fished in Heiden partial, they would either light the control of t light on those other Trees mention'd, they would either want their peoper Mattice bathed in go, were they either harded, would perifi for want of proper Food. So that it is the people of the people of the people of the people of the state and the people of the people of the people of the natural to each Tree, could be brought at one time with the Wind go, that an Eaffelty Wind could contain his is once, as many different Degrees of Cold, or Hear, as word if ladded. Not is it any Obledition, that in Biblish there are

be requir'd to hatch and maintain each different Clats of Infects. Nor is it any Objection, that in Bilght here are not frequently any Animals immediately perceivable. By the Microfcope, we differer Animalcules a Million of times lefs than the imalleft which comes under ordinary Notice: left than the finalleft which comes under ordinary. Notice: The Ch., the genticle Air may be conceived eapthly of blow-ing from Pilec to Piace; so that 'this no wonder if they be brought to at from the emported Regions, effecially the North-Enit Pirus of Great Torany, S.c. where the Codi is incusic enough, toy the William drien whence there is not Gen enough, by the William drien whence there is not Gen enough, by the William of from when Charles is not Gen enough, by the William of the Ordering from the North-Enit Parus of disturies, may be probably delarged by puffling the val Atlantic Ocean, which may be the realism why the North-Well Will in the for infections.

Vapours they may be fufficiented. Those brought from the Netchickal Parts of Jonatesia, may be probably delutyout received the property of the

The Chymids fay their Veffels are blind, which have no Opening but at one Side. See Concom.

BLINDS, in Fortification, Defences made of Wood, or BLISTADO, IN FOURMANION, Defences made of Wood, or Branches increasoren and laid a-crofs between two Rows of Stakes about the Height of a Man, and four or five foot a-part. They are ufed particularly at the Heads of Trenches, when they are exemeded in Front towards the Glacis; ferving to findler the Workmen.

BLISTER. See VESICATORY.

BLOCK, a Piece of Marble, as it comes out of the Quarry, c'er it has affum'd any Form from the Workman's Hand. See Marker.

Hind. See Mannes. Buces, in Falcourty, the Ferch whereon the Bird of Prey is kept. This is to be covered with Cloth. BLOCK ADF, the Siego of a Flace, intended to be ta-ken by Famine; wherein all the Falinges, and Arcmes, are field, and flat up, fo as no Supplies of Provision cas be brought in. A Birkskeft, in interfaced, is no regular Siege; intuitioned as three in our app Delign of a Attack. A Birks-ministen has three in our app Delign of a Attack. A Siege, the second of the second of the second of the second of the facility of the second of the second of the second of the facility of the second of the second of the facility of the second of the second of the facility of the second of the second of the facility of the second of the second of the facility of facility to use at the Beginning of a stepe, when rockes are sen or feize the principal Avenues, where the Belieper's intend to fix their Quarters. It comes from the German Blockets, a wooden Houle; or from the Gauleh Blocket, Barricade, Others derive it from the Latin buculare, to thur up the

BLOCK-LAND was formerly that which we now call Freebold Land, or Land held by Charters; and it was by that Name diftinguish'd from Folk-land, which was Copy-

BLOCKS, a-board a Ship, are Pieces of Wood in which the Shivers are placed, and wherein the Running-Ropes go: Of thefe, fome are fingle, fome double; and fome have three, four, or five Shivers in them. They are us-med and diffinguish'd by the Ropes they carry, and the Jes they forve for.

BLOMARY, the first Forge in an Iron-Mill thro which the

tetal paffes after it is melted out of the Mine. See IRON. BLOOD, a warm, red Liquor or Humour, circulating, by BLÍ-ÓOD, a warm, red Liquor er Humour, circulating, by means of Artricis and Veins, through every Fart of the means of Artricis and Veins, through every Fart of the subform and home companies, but, when het out and code, persuare sponancopy into two different Parts; the one red and shows, which otheres into a Mais, and is called in Fart of the Companies of the Companies of the Companies in Fueldry when coold, and, being signoved specifically besiver than the other, flatinis and beausit up, and is called the distrum. The Properties of the Streme to the Carter, Dr. Drake makes at a Medium, as one and an half to one: But Mr. Boyle, more accurately, makes the Serum 21 of the whole Blood; and Dr. Juris 35 of the whole Weight, or tof the Bulk.

the whole 2000s; and 1st. Jurius; is of the wance weight, by the Mixtopoe, the 200s a pages to confile of little red (clobales, fairmaining in an anotose Liques, fapored to be the Cours and Servine, then appear to difficult whose let came the Cours and Servine, then appear to difficult whose let came the Cours and Servine, then appear to difficult whose let came and 1st. Jurius whose the millifect. Upon an accurate Manafaration, he found the Diameter of one, equal to \(\text{level}\) of an ordinary little of the Head. Dr. and Inch, or \(\text{level}\) of an ordinary little of the Head. Dr. while the little of the Mixtopolitic order orde from exhibiting any red Globules, that it appears to con-fift of infinite Branches, running in no certain Order, and

variously colourd. By a Chymical Analysis, the Blood is found to consist of Phicon, as the Basic or Vehicle of Volatic Sairs; of Oil, Which, by form nice Examiners, has been found of two Kinds; and of Capus mortanes, or Zarth; which, the it may consist of divers Subflance, effentially different from each other, yet all we get out of it is a little far d Sair. From the but it Experiments in this kind is appears, that in From the best Experiments in this kind is spreas, the kind from the best Experiments in this kind is spreas, the line of Dachmot of Talega, three Directions of a fabrits, pirtuens and bact two of Earth. Dr. Jerris adds, that the Erran, upon a Chymical Analysis, exhibits a great deal of Philegan, so the control of the control of the Chymical Analysis, exhibits a great deal of Philegan, control, the control of the Chymical Analysis, exhibits a great deal of Philegan, control, the Chymical Analysis, exhibits a great deal of Philegan, control, the Chymical Ch BLO
The Sauser, we dright, of the Block is the Chipt, which their Times compared it gainst and to made a temporal patting the Latterth, is delivered into the chieferman; after the Block present of the Block of the Chipt, and the Block of t

and Committee of the South in the Lange.

Indeed, Dr. Keil and fome others go further. Mr. Boyle
having examind the Specifick Gravity of Blood, and found
that of the Serass to be greater than that of Blood, in the that of the Serom to be greater than that of Block, In the Proportion of 1: 50 or 10-2; i.e. seen yil as 0; y, in line'd, into the Core, or Block belowing, were specifically higher was farther confirmed by the Globbort being finished in the Serom, soft while circulating, and when her out. Here, the serom the serom of the serom the serom of the Serom, soft while circulating, and when her out. Here, the serom of the serom of the serom of the serom of the Serom, soft while the serom of the serom of the purpling three avery narrow Veffel, would change its theper from a Globular to an Clear Bern, and word signin ecover Paffage, which Appenence was naturally enough afraction to the Education of the Serom of the Serom of the theory of the Serom of the thinking which was the serom of the Serom o no ha Edialicity of the included Altr. And, from this Loupe-ture, were accounted for a great Yum bor of the Phanoment, exp. were accounted for a great Yum bor of the Phanoment, of Maginter Matries. But this Principle Dr. Farrir has exa-mined, and prepare to have overchrowed. He made Events assign of the Stream, by its Addiction to the Silice of the Porranger being cut off, and part in a moother Veffel of Scrum, instead of the Stream, by its Addiction to the Silice of the Porranger being cut off, and part in amother Veffel of Scrum, instead of the Stream, by its Addiction to the Silice of the Porranger being cut off, and part in amother Veffel of Scrum, instead of the Stream, by its Addiction to the Silice of the Charles and the Stream of the Stream is Surface, as part including it in a Receiver, and calabrating the Aft, the Isabels natural, the Carawar of the Agreem of the the Fornat: And, from other Experiments, he afortain the Properties of the Gravity of Hing to the and Stream, the Properties of the Gravity of Hing to the add Stream is resulted to the Stream is called the Additional Carawar of the Stream is called Gibbells at the Stream is called Gibbells are not Soard to dilute, or undergraam Abertain, whereas, were they fill with any quelled, Filled, Filled, Specc.

wheren, was a leaft dilute into 70 or or semical office both, or at leaft dilute into 70 or or semical office both, or at leaft dilute into 70 or or semical office wheren or the Amelians safetide Amelian safetide Amelian safetide Amelian safetide Amelian safetide Amelian safetide Amelian safetide to the Burley and the Amelian safetide theme communicated to the Black. Dr. Hilbit insapine a kind of Accordina in the Black and thinks in Hear reduling from in boths, as it were, for no fire, and perfevening in Geogram on the Matter of two Falley, for diffinitial are the Cyple and Black. Others have recorde to the Cymical of the Cyple and Black of the Cyple and State of the Cyple and by the Black of the

Not is the Coulo of the Redoy of the State is obligate. The Chymin Secuent for if from the Existence of its significant place and fluorid places that the state is the state in the Smallent of the Size, and Roundonfo of the Figure of the Smallent of the Size, and Roundonfo of the Figure of the Smallent of the Size, and Roundonfo of the Figure of the state in the state in the state in the Smallent of the Size, and the state in the Smallent Figure, of all others, lend up to repecte with Collection of the Smallent Figure, of all others, and trainsplie, that Figure forms, and storms, and the state in the Gallent Figure, of all others, but the state in the Gallent Figure, of all others, but the state in the Gallent Figure, of all others, but the state in the Gallent Figure, of all others, but the state is the state in the state in the state in the state is the state in the state in the state in the state is the state in the state in the state is the state in the state in the state in the state is the state in the state in the state in the state is the state in the state in the state in the state is the state in stifer its Colour has been heightend, and render'd more perty well in the Arteria, by that is cleaning in the Bod dy, and carried through Arteria, by the six cleaning in the Bod dy, and carried through the Colour and the Colour and Colour and the Colour a

carry that Matter nearer as titue.

However, this yead Colour, tho generally found in all terrefirial Animals, is not yet abbluscly necessary and efficitial; there being whole Species which have their circulstial; Liquor, or Zitod, white and limpid: To which Dr.

Drake adds an Inflance of a pare white Zitod, like Milk,
which he let out of the Zhodaw Velmof a Man, and which,

reprise and, and, the Accession to the Contraction ver-centraction of the Contraction of the Contraction ver-ponent this Masser of Element, and their lax Composition, it becomes infectivate of various Alteriators and Imperili-ciation of the Contraction of the Contraction of the Contrac-sion of the Contraction of the Contraction of the Contraction of Masser of the Contraction of the Contraction of the Contraction of the Study of the Contraction of the Contraction of the Study of the Contraction of t and Masture of the feveral Parts; as is the Cafe in a Diabetes, and, perhaps, in a Chloroffs, where the Blood is thick
and torgic! On the other hand, where the Alcalious are
con redundant, the Blood is render'd too thin and fluid, fo
that the Difference of its conflicturen Parts is loth.
Another Affection frequent in the Blood is, a too great

Another Affelion Sequent in the Bited is, a too great advantage of Oliva Parisles, by means whereof the attitue Paris of the Bited was too much clogd, and the Farms which fined be decreated by pressing the in the best parties, the control of the parisles of the parisles, the control of the parisles, the much labricated, their Tone vinitard, flureds, prick, deep where the Staggishness of indicitivity of year for People. The occurry Aftection to this is, the delect lines and preference the Parts from being fertical and corrected only the Ositis, whole Spitcals, or Edges, are, as it were, from the Ositis, whole Spitcals, or Edges, are as it were, from the Ositis, whole Spitcals, or Edges, are as it were, from the Ositis, whole Spitcals, or Edges, are as it were. In the Ositis of the Ositis of

agual the boad frant prevenued. This have no the Zinde agual the boad frant prevenued. This have no the Zinde and Carolino, of them particular Parts, whence from a Delivation, Apolhomation, and Ulicen, effectably into Lengthesian, Apolhomation, and Ulicen, effectably from the Lengthesian and Parts of the Carolino and Carolino an

whence Epidemical Diseases.
The Blood that variously compounded and circumflastiated, visits even the minutest Parts of the Body, by means
of its Circulative Motion: The Cause and Course whereof
fee under Circulatives. In this Round, holo Particles
of the Blood which conform best to the Figure and Struc-

of the Blood which conform bett to the Figure and Braze use of the Fatts thow which they paid, are appointed to 'em, cithen for their Alexeston, or for the Repartition of fach as About the Matterion, or for the Repartition of fach as House the Matterion, or the Source wheree the Noarithment is derived, great Contells have arrice among the Phylicians and Automittie, Some centending for a na-tritional place conveyed that the Langus frome ferrings up the Group the Content of the Content of the Content of the Growth of the Content of the Content of the Content of the Growth of the Content of the Content of the Content of the Growth of the Content of the Content of the Content of the Growth of the Content Intuity junctions. The Clyle, fome the Erum of the 1100s, fome the Cruor, as the univerfal Success shirlin, Sc. However, all theke, except they who bring the Nariment through the Nerves, make the gliest the Verlice, that conveys the Alimentary Pars thro the Body, whatforer they be, and limited the Nerves, make the gliest the Verlice, that conveys the Alimentary Pars through Edy, whatforer they be, and the Nerves they be, and the Nerves they be a served to the Nerves th of its Heterogeneity, or Composition of different Elements, that they did not make it felf the Nutritions Faid, withthat they did not make it self the Nutritions rund, with-our reflexing that Faculty to fome particular Fatts thereof. Har Dr. Zwake makes no Scruple to Say, that the Zhood, in its langed Acceptation, as confitting of all the Parts before deferribed, is fimple and homogeneous enough for the Par-order of Nutrition; and that every Part thereof contributes often of Nutrition; and that every Part thereof contributes to the Parts which the Parts throw which it paffes. Conservation, of the Parts throw which it paffes. Cons. Now., or Copyration, of the Parts throw which it paffes.

Sec NUTRITION. For the Manuer in which the Blood is form'd, and how the Clyle is affinillated into Blood, fice Sanouspication. The Quantity of Blood in a human Body, has been the Clys's affinithed into Zinod, fee Saxwaryre-Arrox.
The Quantry of Zinod in a brann Body, has been
The Quantry of Zinod in a brann Body, has been
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the Heart by the Veins, its Velocity will be till further de-miniful, and may be found to move more filely in the miniful, and may be found to move more filely in the till the second of the Heart, the meel flushy it retimes the Blood gase of the Heart, the meel flushy it retimes reaching as the Westerless configuration, fone them may reachly as the Velocities configuration, fone them may reachly as the Velocities configuration, fone them and the Blood with the Blood with the State of the State that others. From the Dismeter of the derivation, and the Blood in the Blood with the State of the State the Blood in the Blood with the State of the State of the Blood with the State of the Sta flews, that is any two Arteries transmitting equal Quantities of Blood, the Momentum of the Blood is greater in the Artery more remote from the Heart than in that the Attery more remote from the Heart than in that nearer, and that its Momentum is greater in all the carellary Arteries together, than in the Aorst and, laffly, that the Momentum of the Blood is greater in any of the Veins, than in the Artery corresponding to it; and therefore greater in the Funds Count than the Aorst.

Laftly be Rown, that the Momentum of the Blood in

Ladily be flows, that the Affancentum of the Block in the Fera Geor, is equal to that of the Quarriey of Block thown out into the Afras at each Nyllat, whole Velocity is fisch as word 2 pits the whole Langlo of the Arteries and Veins in the Interval of Time between two Pallos; and that the abblock elimentum of the Block in the Care, without any regard to the Rofillance, is equal to the Mo-mentum of a Weight of to Dound pling over the Span-entum of a Weight of to Dound pling over the Span Block in the Care Dound Care the Montan of the Block in the Engrapoide equalse, which in reality it is one SP HARN:

As to the Transfusion of the Blood of one Animal into the

sam is Succeiors.

There is slid a Congregation of Nuns at Paris call'd by
the time Name, referred from the Bernerdanes.

BLOOD-LETTING. See PILESOTORY.

BLOOD-SHOTTEN, a PHEMEDRO of the Eyes, where
the Blood-Feffic are greatly diffended, fo as to make the
Eyes appear ref.

the Busser Fights are greatly dittended, to as to make the Eyes appear Forcel, by which the Offender being taken in the King's Forcel, by which the Offender being taken with his Hands or other Part bloody, is judg'd to have kil-led the Deer, the he be not found Hunting or Chafing. BLOSSOM. See Flowers.

with his timed or other rest money, is pauge to nave curBLOWING. So Provins.
BLOWING of Gids, one of the Nethods of forming
the divers linds of Works in the Gids/ Mannfalture. The
BLOWING of Works in the Gids/ Mannfalture. The
the divers linds of Works in the Gids/ Mannfalture. The
theory of the Gids of the Gids of the Control of
the Gids, and Menurey than it as from Figs in the melted Gids, and Menurey than the time of the Gids of
the Circumstance of the Gids to before, See Giasat.
BLUE, see of the Primitive Colour, otherwise Called
'I'll Painters' But in mode different, seconding to the
different kinds of Paintings. In Limming, Projes, and
Mannary, they also it indicated further, exceeding to the
different kinds of Paintings. In Limming, Projes, and
Mannary, they also it indicated further, exceeding to the
different proper little indicated further, exceeding to the
different proper little indicated further, one of the
last proper little in Little and different the Aller Species of
Little proper little in Little and Little Species of
Little proper to themelieve and Paintine on Gids.

See Enantellist, and Paintine on Gids.

Gish. Eures of the Dyerr, is one of their fimple, or Mother-Colours, 1645 in the Compeliation of orlens: "This made of Plants, Angue, with a "Polls brought from Normaniay," of the Month of the Polls broad or their Normania, or the security: "Mod, the of lefs love: and Birkit, yet made security: "Mod, the of lefs love: and Birkit, yet made a colorable Colour I made on you made a Spranten Colour, yet ir may be used atong with Pullet, if it he well pre-pared, and hear it midd he too great a Frequentia. Plant having, but little Suddance, can eatther be ided alone, nor lat "Lapshe of correctling the Engley, without he Allow

tance of Paftel. Some Dyers heighten their Blue by adname of Paffel. Some Dyrer beighten heir Blan by yelding Brill and other Woods. The ways of brightening
Blant are, by patfing the Studi when dyed and well walfel,
then lakes sum Water; or, which is much better, by working and falling the dye'd Studi with metod Sone, and then
Gerning is well. Blant are dye'd mentelately from the
Water, without any other Temperation than Failing,
the Studies of the Tainn. "We perpend by boiling
for Ource of Tempel in a Pailing
four Ource of Tempel in a Pailing
four Ource of Tempel in a Pailing
Lime has been Radel." See CT Pansaw.

Lime has been flack'd. See Turnson.

Flanders Brun, is a Colour bordering on Green, feldom used but in Landskips.

ufed but in Landskips.

Antiently, fliew as the Symbol of the Sea 3 for which Resion, in the Greenfan Games the Combustant who represent the Combustant who represent the Combustant with the Combustant of the Combustant with a bine Employ.

BLUEING of Metals, is the heating any Metal till it assumes a bine Colours puriouslarly practice by College Service from plant in the Metals of crit they apply the Gold or other who plant inter Metals of crit they apply the Gold or other complete the Colours puriously support the Gold or other complete the Colours puriously practice of the Colours puriously processes.

who shie than backet Carby juy has been been BLUENESS, the sullive of a Body that is blue; or BLUENESS, the sullive of a Body that is blue; or clean Size and Texture of the Parts that compofe the Surface of a Body, as disposed on to reflect the blue or source Rays of Light, and those only, to the Bye. See Linux and Cotoner. For the Bluengi of the Skies, Siz Iface Newton observes, that all the Vapours, when they begin o condense and coalese into natural Particles, become first of such a Bigness as to restlect the asure Rays, e'er they can constitute Clouds of any other Colour. This, therecan constitute Clouds or any other Conour. This, there-fore, being the first Colour they begin to reslect, must be that of the finest and must transparent Skies, in which the Vapours are not arrived to a Großnels fusicient to reslect

vygour we not arrived to a Lustonich furficient to reflect with the control of th

Oncurry in the Vena, it must have the Effect of a black; and this, level of the Men and not the Vena and the and this, level of the Men and the Vena and the Eff. (18 the Effect of the Eff. (18 the Eff

aterites the Pleafure of Kiffing.

BOAT, a little floating Veffel, for the Navigation of Rivers, Lakes, &c. The Boar acquires various Names, according to its various Structure, and the various U(es it is appointed for, and the Places where it is to be ufed. The feveral Boars, and their Names, are,

A Jolly Bost, A Long Bost, A Skiffe, A Phinnace, A Canoe, A Cruckle. A Pinnace, A Water Boat,

A Yaul, A Gondola. A Greenland Boat, A Bermudas Boat, A Ballon of Siam, A Horse Boat, A Perioga, A Pleasure Boat,

A Currycurry, A Deal-Hooker, A Felucca A Ferry-Bost. A Praw,
A Flying Praw,
A Punt,
A Tit-Boat,
A Tod-Boat,
A Well-Boat,

A Wberry.

Tiens.

The Evifence of Bours, or of external Objects, is a what Barden forward bear, that not only fall against the Corr Thing not to be demonstrated in any Manner whatever.

rent without either Sails or Oars, but also sdvance for much the fatter, as the Repidity of the Water is great-or. Its Make is the fame with that of the others, excep-ting only a Wheel added to its Side, with a Cord, which winds round a Roiler as faft as the Wheel turns. So VESSEL.

M. de la Hire has given us an Examen of the Force ne-M. de la Hire has given as an Examen of the Processed cellury to move Boxty, both in Lugana and running Wa-cellury to move Boxty, both in Lugana and running Wa-cellury to the Walther which was the state of the with any other Machine; wherean he finews, that the large get the Surface of the Ourse pingle in the Water, and the insulier that of the Boxty preferred to the Water as, and in the Place where the Our relief on the Boxty, and the flower that between this laft Point and the Waters is the flower that the water than the Boxty and the flower will the Boxty move, and the guesars Hitell with the Our force will the Boxty move, and the guesars Hitell with the Our

there that extreme me, and the greater BRC-will this Our have. See Reavy 100,

Hence the early to calculate the Force of any Machine Machine Machine Machine Machine Machine Machine Machine Force and the Machine Machine Machine Force and the Machine Machi or of the Veffel being given, or the Proportion of the two

BOAT-SWAIN, is an Officer on Board a Ship, who has BOAT-SWAIN, is an Ollicer on Board a Ship, who bis Charge of her Rigging, Ropes, Cables, Anchors, Sais, Flags, Colours, Pendants, &c. He takes care of the Ship's Jang-Bart, and its Furniture, and there her, either by himfelf or his Matr. He calls out the feveral Gangs aboard, to the due Execution of their Washes, Works, &c. and he is likewise a kind of Provoly-Marijad, who foce supumilies all Officedne who are featured by the Captain, or Court-Martial of the Fleet.

BOCARDO, in Logisk, the fifth Mode and the third Figure. In a Syllegifm in Bocardo, the first Proposition is particular and negative, the second universal and affirma-tive; and the Medium, or middle Term, the Subject in the two Propositions. Thus,

Some Animal is not Man,

Every Animal has a Principle of Senfation, Therefore something has a Principle of Sensation be-sides Man. BODY, in Phylicis, a filled, extended, polyable Subblasser; composide according to the Perspiration of Matter, Ferri, and Printerion; a conducting to the Perspiration and Carpiplemental Control of the Perspiration of the Perspiration of Matter, Ferri, and Printerion; a conducting to the Perspiration of Perspiration o BODY, in Phylicks, a folid, extended, palpable Subflance; mpoled, according to the Peripateticks, of Matter, Form,

Demonstration: 'Tis evident God can't deceive us; 'tis evident he does deceive and delade us every Moment, if there be no Bodies; 'tis evident therefore, there must be Bodies.

erident he does deceive and delaide an every Momena, is Endesc.

Against the Excilence of Studies, or any External First, Against the Excilence of Studies, and External First, and the Against don't excell sentence the Athens, there may be a tampatate of the control of the

The Order in white we arrive at the Knowledge of the a Beri is a Centure of the Mind, is plain (even the the Extince of Binder, Jeens to be this, We felf find we do wher Quillies were about to exist) from this, that one was the way pair, and there consider, we are not the abbinute Casie thereof, but that there is required from the Abbinute Casie thereof, but that there is required from the Abbinute Casie thereof, but that there is required from the Abbinute Casie thereof, but that there is required from the Abbinute Casie thereof, but that there is required from the Abbinute Casie thereof, but that there is required from the Abbinute Casie thereof, but that there is required from the Abbinute Casie thereof, but that there is required from the Abbinute Casie thereof, but that there is the finder to the Abbinute Casie the Abbinute Casie thereof the Abbinute Casie thereof the Abbinute Casie thereof the Abbinute Casie thereof the Abbinute Casie that the Abbinute Casie the when we have Monday to the state of the stat which (seems cold to one hand, feems warm to amother. Beareful see not Patterns or Richmissics of Qualities calling in Mattery, because to the firm Eye, at different existing in Mattery, because to the firm Eye, at different calling in Mattery, because to the firm Eye, at different calling in Mattery, because to the firm Eye, at different calling in Mattery, because the Company of the Company Now why may we not as well argue, that Figure and Extension are not Patterns or Resemblances of Qualities Infolligence affected with the fame Train of 8 strattons, impreciál on the fame Order, and with the fame Viride neisy would it not have all the Reason to believe the Estitance of Statistic repredictant by his Ideas that we have!—All our Ideas and Smitistons are virilly lane-tive; any, the very letting of an Idea to minister affertends and Intermed's 50 that it is impossible for an Idea to do not be the statistic order of the Statistic Control ble one another

any salive Zeuerg i unicid Oppolium can be flaid to refine "No can be all a continual Succession of Heast in the "No can be all a continual Succession of Heast in the Mindy but these, it has been proved, dear depend on any External Poly as their Gaule; it remains shorelers, and the salive should be a substitute of the Spirit. For that I am not the Caule of my vera Heast polyton, the salive should be a substitute of the Spirit. For that I am not the Caule of my vera Heast polyton of the Spirit. Now the Research of the Spirit of the Spirit of Spirit o

"not the Effect of this or that Motion or Collision of Na-arual Seaster, but the Sign thereot. The Cartefasts own fomewhat like this: The Action of Bodies on our Organs, say they, is not the Efficient Cause of our Organs, say they, is not the Efficient Cause of our Ideas and Ferreptions, but only the Oxeofornia Cause, which determined God to act on the Assat according to the Laws of the Union of the Soul and Bedgl. See which decembed God to 84 on the Mand, according to the Law of the Union of the God and Bank, So the Law of the Union of the God and Bank, So the Law of the Union of the God and Bank, So their Idea: 18 yas no Configor, but Kyn, mail cline to their Idea: 18 yas no Configor, but Kyn, mail cline to their Idea: 18 yas no Configor, but Kyn, mail cline to the God and the Configor of the Work of

copionity than others, remain yet to be difcover'd. How-ever, fome of the Laws and Circumftances thereof, he deli-

ever, fome of the Laws and Circumflances thereof, he deli-vers in the following Propolition;

1. Those Surfaces of transparent Sodies, reflect the greatest Quantity of Light, which have the greatest Refracting Power 5 j.e. which intercede Mediums, that differ most in Force 1, 16. White intercoco obcomiss, fasts cure most in their refractive Demitties: And in the Confines of equally their refractive Demitties: And in the Confines of equally places and their confines of their confines of their places places; and the Opacity of their Seeders, arties from the mul-titude of Reflexions cau'd fun their internal Parts. See Ora-city, See, 3, Beween the Parts of Opake and Colour'd Bri-dies, are many Spaces, either empty, or replies with Medi-aus of different Dentities, a Winter between the imping Cos-most of their confines of the process of the Confines of their confines of their places. umor d'directal Dendista; au Ware herroch the tinging Copublich, sherevini Lajuper is impegnated, alt between
the aqueous Globales, that conflittum Conde on Milts: and
even Spaces, void both of Air and Wart, hervoort he
salest the confliction of the Conde of Milts: and
even Spaces, void both of Air and Wart, hervoort he
Saleblance. See Maxwase. a. The Fires of the Butter,
Saleblance. See Maxwase. a. The Fires of the Butter,
Biguifus, order them opake and colourid. p. The transfigerate Parts of Butter, seconding to their forward Sixes,
reickelt Rays of one Colour, and transfinit their of another,
even the Coloury of the Colourid of the Conde Sixes,
even the Coloury of the Colourid of the Conde Sixes,
even the Colourid of on the fame. Grounds that this Plants or Bubbles due effect, or transmit abole, Bays And this appears to be the Ground of all their Colour. Six Cotrons. 6: The Paras of Budste, on which their Colours depend, are declined ento the Medium the component Parts of Namen! Budste, may be conjectured from their Colours, on this Participle, that trail parts of Colours, of the Santolipe, the trail parts of Colours, of the Santolipe, the conjectured from their Colours, on this Platciple, that trail parts of Colours, of the Santolipe, the Colour of Santolipe, and the Colours, of the Santolipe, the Colour of Reference, in some dismipling of Light on the Bild or impervious Parts of Budste, as commonly believed, See Rearsace, and Budste, and commonly believed, See Rearsace, and the Santolipe Santolip

RAY, EG.

BOP1215, are diffining/fifthd into Animate and Institutes, i.e., into their informal by a Soud, and thole which are ros; to refuse that the Soud, and thole which are ros; to refuse the Sound condition of Physical Qualifiest; the White Sound, 2009 makes the Object of Physicals, Soc Paraseas, Or, as Institution of Russiantees, in the General or Adulted; and according to the three Dimensions I a which Sound, 2009 makes the Object of Sound, 2009 makes the Sub-Borry, with regards or destants, in wild in numerican with the properties of the properties with the numerican with th

jik of Genetry. See Grosserver.

Bonv, with regarde of Annata, is said in opposition to the Soal; see, both are Part compored of Benes, Muckes, Seals, Jaices, Seerce, Gr. In which Soeling, Jaices, Seerce, Gr. In which Soeling, Jaices, Seerce, Gr. In which Soeling, Jaices and Control of Seerce, Jaices and Ja

be whole is a Contpound which we can only admire; and the whole is a Contpound which we can only admire; and the control of the principal Caywales of present on a Admiration tickle The principal Caywales of Persons of This in this, that pre-cious Exerced, call'd Admired Spirits, the only material More and the Control of the Control of

the Dictance of Prilitation maintain the Brain to do the Office of the Beam of a Pick, the Heart of a Pijlon, the Lungs of Bellows, the Mouth of a Millitone, and the Yearh of Pefflis; the Stomach of a Prefi, the Intellines of a Reference, the Veiflist of Stews or Strainers, and the Arr of a Ponday, or Spring that fors the Machine a going. See TRITURATION

TASTONATION.
The State, Redwalt well observes, is not the Form of the Homan Redy: So fir is the Asimal Life from depending the Redwalt State of the State of the Homan Redy: So fir is the Asimal Life from depending the Redwalt State of the State of the

portecuirs refra of the Antonia structs. As non Leibnia pheleinis, Ge, See Oscarus Caliphia, Chem. Convergio, See,
Boor in Generary. The Regular or Phintains Buildin,
see Obletin, and the California of the California of Lawa A Mun is fast to be bound, no bed, in
Boor in Lawa. A Mun is fast to be bound, no bed, in
the fall submouth of Lawa of California of Califo

but Repentance. Du Googe derives the Name trem two Words in the Mugariou Language, Bug, deut, and Mikes, militeree, have Mercy.

BOILING, Ebullities, in Physics, the Agitation of a fluid Body, arising from the Application of Fire, 55c. The Phenomenon of Stiting may be thus accounted for: The minute Particles of the Fuel heing detached from each other. minute Farticks of the Sul Issing detack! If one sack other, and impelfit an form, with a great Velocity, (e. b. bigs and min Felli but Issing, with a Great Policity, issing vertical and min with the Liquid. By the Refillings they been as the wind property of the prope Abunding of the Prof. L.

Alternition of the price of Waser around Yen; or by bycolling and deprending the lint Spherwise of Waser, and Is increasing the Ratio of their Statics or their findle Content. There will cheerloon be a confine France of Waser, and Is increasing the Ratio of their Statics or their findle Content. There will cheerloon be a confine France of Waser, and the proper and mader. Water will change Titters; and have well content for the proper and before the proper and the proper were the Spring, and Motion of the Alt inflicient to carry the Water of the Motion of the Alt inflicient to carry the Water of the Alt inflicient to carry the Water would ran off at the Extremities of the 1s all, except for much as flowable to lether entangled in in Villa, or immediately adhere to its Spring by American . And hence we fee the Readon of the principal Plactical and the Although the Although

noncano of Belling, vis. The flechanting of the Surface of the Water, See Emeracrow, and Brivarvareauxers, of the Water, See Emeracrow, and Brivarvareauxers, cripient of an Air-Fump, when the Air is exhausted it The Refinis to downing to face the Ferfinis of the Amosphere being taken off from in Surface, the Air included in the Incompanion of the Water desired the Companion of the Water desired theretoe being taken of From in Surface, the Air included in the Incompanion of the Water desired theretoe being taken of the Water desired the Water desi

forth is found in Gold, Silver, and Copper Mines. Sec. Amssens are.

Amssens are well as the Michael Barth becopylit rame the Lenuty a sently of the fame Nature, and having the fame Ulas with the Balle-Amanistic. Purell says, there is no fash thing among us, as either true Bale-Amanistic, or as the subject of the fame of the true Bale-Amanistic. The subject of Primare, or the mighbouring Coannies. But this does not form finitionally by warrancel, and the New Tarify, or Photics on Goldson (Section 1) and the Control of the Con

lour, Ed., NDETS, a modern Term, now become of the Charlesten in the Review of the Charlesten in the Review of the Charlesten in the Review of the Review of

casion of their Name.

In the beginning of the XVII in Century, F. Heribert
In the beginning of Astrowyri, Islid a Design of collecting
Respective, a Jesuit of Astrowyri, Islid a Design of collecting
the Laves of the Seasint, as worse by the Original Authors,
with Notes, like these added to this Javes of the Fasters,
to clear obstare Pallages, and diffinguish the Genine from
the Sparious: He died in 1639, o'er the Work was begun.
The Nexe following, J. Bellandan, a Jesuit of the time

The color of the Delign and whereas Regards any market are the Law and the Law

toder here appeared as vouumes, her the intrit is Meaths (MCLTHEAD), the fines as Matters; a Verfleit (add) with Colymids, he MATTALS.

ROLTHIRAD the fines as Matters; a Verfleit (add) with Colymids, he MATTALS.

ROLTHIRAD to MATTALS.

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BOME, a large Gersands, or boliow level Boll, or Shell Table fill of a Combotility Charter vs. how, or wooden have been a large and the state of the

•						
	Diam. of	Thickness	Diam of	Quant of	Weight	
	Bomb.	of Bomb	Apert.	Gunpoud	of Bomb.	
	17,In. 10	2 In 2, 10	,20	48 lb.	490 lb.	
	11, 8	1 ,18	,16	15	130	
	8	0,101 ,13	,10	4	40	
					Oth	era

Others make the Thickness of the Bomb \$\frac{1}{20}\$, or \$\frac{1}{10}\$, or \$\frac{1}{10}\$ of the whole Diameter; and the Diameter of the Aperture \$\frac{1}{2}\$ or \$\frac{1}{2}\$. of the fame.

Bombs only differ from Hand Granadas, in that the lat-ter are much lefs, and inflead of Mortars are thrown out of the Hand; fee Granada. The Word Boms comes from the the Hand (see Cranada. The Word Boase comes from the Latin, Boubase, reprints, or (Films in th), by reason of the Notic it makes. M. Blindel, who has wrote the Art of throwing Ramby, observe, that the fift Bouthy were those thrown into the City of Wachendowch in Guelderland, in 1988; other others protend they were in use a Courty before, vice. at the Siege of Notice by Charita VIII. in 1495.

BOMBARD, a Piece of Artillery antiently in use, ex-

BOMBARD, a Price of Arullery autienty in a de, ex-ceedingly their and thick, and with a very large Opening, concluding their and thick, and with a very large Opening, have carry? Bails of 300 Found Weight, Freighert men-tions most of 150 stool, To load with, they made use of the opening their control of the opening their con-fusion of the opening their control of the opening the further larveides of Canson, fee Canson and Ones ance, Some derive the Word, by Carringon, from Lander, at largeing their things of the opening the control of larveides the opening their control of the opening the larvein, the plant of Tamber, 200/16, and the opening the larveides the plant of Tamber, 200/16, and the opening the opening the to take care of the fining and through Emoles or of Morans 1. He fift dives the Folic, then face the Shell, Boste-Carrier, it is kind of Chef Bird with the Computed.

BOMS. CHART. is a kind of Cheft fill'd with Gunpnuder, BombS. Chart. is a kind of Cheft fill'd with Gunpnuder, Bombs, &c. plac'd under Ground, to tear and blow ir up into the Air, with those who fland upon it. These Bomb-Cheft are frequently us'd to drive Enomies from a Post they have feiz'd, or are about to take poffession of; and are fet on fire by means of a Saucidge fasten'd at one Sec MINE.

Boms-Erron, is a finall Veffel, ftrengthen'd with large ears, for the use of Mortars at Sea. BONA NOTABILIA, in Law. Where a Person dying

BUAR NOTABILLAR, IN LAW. Where a Perion dying has Goods, or good Debts, in another Diocete or Judicistics within that Province, befides his Goods in the Diocete where he dies, amounting to the Value of \$1\$, at leaft, he is faid to have Zones modality \$1\$ in which Cafe, the Probat of his Will, \$2\$c. belongs to the Archbishop of that Pro-

VINCC.

BONA PATRIA, a Jury or Affize of Countreymen, or good Neighbours, fee Juner.

BONE, in Anatomy, a firmilar Part of the Body, white, hard and brittle, not diltendible, and void of Senfation; giving Support, and Form to the whole Fabrick. The Boney

to bring the Oil into em.

The Marrow in the Cavity of the Bones, is invested with The Marrow in the Cavity of the Profess, is invested what a Membeane, wherein are included little Bags, or Lobutisty, and in their Bags are Vessels of the Meduliary Oll from the Blood, and for the Reception and Conferention of the same. They seem to have Passages into each other, as have also

the Bugs; whereby the Oil has a feer Course to the Joines and Sublance of the Bugs. The use of the Marrow, itself and Sublance of the Bugs, and the prevent is being too dry and brittle; it the Bugs, and the Bugs of the Bug

the Bones; fee Mucieauinous

the Boars' foo Mectacainoses.

The Boars are generally bigger as their Extremities than The Boars are generally bigger as their Extremities than the second of the Boars and the Boars are the second of the Boars and the Boars are there more weight, and refill Accidents, the Effects are there more Weight, and refill Accidents, the Effects are there more weight and the second of t

other, will be as their Diameters. See Grassr. The 280st are joind and connecled mogether various Ways, according to the various Parpoles they are of fare; a Support of the incombers Parst only. That Johanne In-tended for Motion, is called Archredit, or Articulation is divi-ded into two Kinds, Diametrophis and Synarchredit; and ded into two Kinds, Diametrophis and Synarchredit; and are according to the Control of the Control of the Control are according to the Control of the Control of the Control of the Control are according to the Control of the Co TICOLATION, DIARTHROSIS, & Symphifis is divided into Sutura, Harmonia, and Gomphafis; which fee. Be-fides these, are five other Kinds of Connexion, viz. Syffar-

chofts, Synchondrofts, Syneurofts, Syntenofts, and Synymen-

clofit, Symetomergit, Symergit, Symergit, Son. 2013.

The Number of the Zenes is various in various Subjects a continuity its about 250 yezis. 61 in the Head, 67 in the Trush, 62 in the Arms and Hands, and 65 in the Loss of the William of the Senestra of

and Places in the Plate, Anatomy; and particular Descrip-tions of each under their proper Heads.

Of Frontis 1 Vertebre Cervicity The Of Femoris 2

- Occipitis Osto Pariesalia - Dorfi Rottila 12 - Lumborum — Temporum 2 Officula Auditus 8 Offis Sacri
Os Coccygis Offa Tarfi — Metatarfi Os Ethmoides Scapule Clavicule Sphænoides - Digitorum - Mali Cofte 34 Maxillare - Unguis Offa Innominata 2 - Nafi - Palasi Vomer The Humerus Maxilla Inferior 1 Ulna Dentes Incifivi Radius - Canini Ossa Carpi — Metacarpi Molares 8

Os Hyvides

In all 245 Befides the Offa Sefamoidea, which are faid to be found to the Number of 48.

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- Digitorum Dr. Havers divides the Blood-Veifels of the Bones into Nutritious and Medullary; the one furnishing Matter for the Nutrition, the other for the Labrication of the Bont. The Chief of the Nutritious enter the Ends of the Bone, viz. the Arteries at one End, and the Veins at the other. The Medullary commonly enter the Sides of the Hone, and that obliquely; but both by the fame Forsmen.

The Medullary Oil is differed from the Cavity where

The Medality Oil is differed from the Cavity where is it depoided, thoughout the whole Sublaces of the Bare; passing fart than the transferd Fores of the faft internal is the state of the fact internal is the state of the fact internal in the fact of the fact in the fact of the fac Plates have the Benefit of the Marrow with Method of Convey

Mechod of Genveyance.
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Thou are all the Electron which facilities to Ellineties, which
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other Bines, the Nevres go no farther than the Privipleau.
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If the Protaberance be round, it is call'd the Gefast, waker which is the Cerves; if flat, Chediby; if flatp, Chemes, which is the Cerves; if flat, Chediby; if flatp, Chemes, the control of the control col, Sund-that selmeintele Paracomocous (hey salikiti, which conditis in this, that having here expect on the Light, they conditis in the last having here expect on the Light, they conditis in the last having here is the last having model. A finally was the Ferfor who first sugariant the manner of preparing and exclaring the Bounters Now, having model, a found, to they no a purpose to learn in. When runce of a calcidad Stem. The first, the Art of preparing and calcining the Broundar Stem is list; there says the saliking the Broundar Stem is list; there is calcidated to the saliking the Broundar Stem is list; there is the saliking the Broundar Stem is list; the Stevens of the Broundar Stew, which is the saliking the Broundary Stem, which is the saliking Stemes and Policus of the Broundary Stew, which would thus variously in the Dark; but he adds, The Ferfor Stew Steward Stew

when the state of the state of

Sides, initicad or being parallel, are made have a owner-trall; that is, airmoving, or drawing clofe at the Gorge, and opening as the Head. BONNETS, in the Sea-Language, finall Sailt, fet on upon the Courfes, on the Main-sail and Fors-fail of a Ship, when too narrow or finallow to clothe the Mari, or to make more way in calm Weather. The Words are, Lace

again toe Guntes, on the Statistical and agreement as outportuned and make more way in call Workers. The Works for Live as the Bramer; that it, fifted it to the Coarfic Stake of the Bramer; that it, fifted it to the Coarfic Stake of the Bramer; that it, fifted it to the Coarfic or covering Books. No doods, the Art of Braiding is almost a strikers at the General Coarmoding Books, and that both the BOOK BINDING Books, the Art of Braiding is almost as strikers at the General Coarmoding Books, and that both the whereom Men fift were, there was a Sectility for animal conference of Letters for Lattras. Whatever the Manter were whereom Men fift were, there was a Sectility for animal of Lattras and the Statistics of Lattras. Whatever the Manter were whereom Men fift where, there was a Section of Lattras and the Coarmon where the Coarmon of Lattras and the Statistics, the Coarmon where the Coarmon of Lattras is the Art of Lattras to the Lattras and of few indexing, that is a long to the Lattras to Lattras contains to the Lattras and the Coarmon field the Coarmon of Lattras and Lattras to Lattras to Lattras contained to whether the Zattras to the Lattra and Lattras the Lattras and Lattras the Lattras to Lattras Lattras and Lattras the Lattras to Lattras Lattras and Lattras Lattras

Manner of binding Books. The first Operation is to fold the Sheets according to the Form, viz. into two for Folio's, four for Quarto's, eight for Octavo's, Se. which they do four for Quarro's, eight for Othavo's, efc. which they do with a flip of Ivoy or Box, edited a Felding-file's. In this the Workman is directed by the Carch-Words and Signatures at the Bottom of the Pages; see Pis. write. The Leaves thus folded, and laid over each other in the Order of the Signatures, are bearen on a Stone with a Hammer, to peefs and flatten lem, so as they may take its Room in

Physis 4 the other and delitional Biear, growing to another the Binding. They are then few'd in the Sening Profit, by more Contiguity, being generally more felt and poress with a long Needle a little crow'd. What they call great the the their, and call'd an Physiological of the Physiological Contiguity, and the profit of the Corner of the Binar, we no looper and through the Corner of the Binar, we not hopper and through the Corner of the Binar, we not hopper and through the Corner of the Binar, we not hopper and through the Corner of the Binar, we not hopper and through the Corner of the Binar, we not hopper and through the Corner of the Binar, we not hopper and through the Corner of the Binar, we not hopper and through the Corner of the Binar, who can be also the corner of the Binar, who can be also the Corner of the Binar, who can be also the Corner of the Binar, who can be also the Corner of the Binar, who can be also the Binary and the B

rings, real, networks on health, solutions deeper into the mindes of the Leaves, by means of 3 keyes on while it is failed it. Of the two Customs Boards, that behind a higher hand the second of the zoen, a physy ou cure in mine or earl, i substitute, i to, howzoen, a physy ou cure in mine or earl, i substitute, i to, howBando, it comes out between the Back i. This FreBando, it comes out between the Back i. This FreFred State of the Back is the Back is the Back
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but to Breith the inner Edges of the Pathbourds, rate of the four Angles, to dislinate the organic of the Polis, the four Angles, to dislinate the organic of the Polis to the Polis for covering. See Manazuret, the Manuret of Gallang Toules are in Leafer. The Brook in the Manuret of Gallang Toules are in Leafer. The Brook in the Colorador of the Polis of

with Shears, and in this State laid on the Stone, and the Edges are fitted on an Iron Stay, or Axis, that paffes the Middle sain Steer, and in this Steer and do nhe Stone, and the Edges paned him on the Side to be rapply 2 to the Fallstown, with a Kutle for that purpole. It may be easily imagind, that the Morrors, Sheep or in Volim, Velex, 15°, whereath, Morrors, 15°, and the Morrors in Steel or with 12° and the Oneffice, and doubled over the Edges within field a state having first taken of the furn Angles, and incidented and plained it as the Hordshands. They then near far Buds, or could be supported to the steel of the Steel of the Steel could be supported by the Steel of the Steel of the Steel could be supported by the Steel of the Steel of the Steel could be supported by the Steel of the Steel of the Steel could be supported by the Steel of the Steel of the Steel could be supported by the Steel of the Steel of the Steel could be supported by the Steel of the Steel baving rist asken of the four Angles, and indexed and plating it at the Headmah. They then over the fight, or being the plating it at the Headmah. They then over the fight, or being the first the

are firted on a from stay, or Axis, that pause the sindule of their Diameters.

To apply the Gold, they glaze thofe Parts of the Leather whereon the from are to be apply'd, lightly over with a Pencil or Spange; and, when half dry, lay over them pieces of Leaf Gold cut out near the Size; and on their Stramp the Panchions, or roll the Cylinders, both the one and the

of Leaf. Gold cut our near the Size; and on their Strapp, of Leaf. Gold cut our near the Size; and on their Strapp, other ceptures are at Rolleva, as Arms, Gir. they are best down with a Mullet or Hammer. The Golding than faithful, they will be supposed to the Gold of the Size of t

mode effentials I to this, all kinds of Marcess are, as it were, mix'd and jambled tegether; to be afterwards feparated and transferred into the other: I to that this may be call'd the Elements of all the cult. I may be kept rut on ways, to g. Brught of first seen, fall to finite a wee, plat factor assess, trait p man, be, the freeded by energing at once, each Article, Debter and Coditor: This last is element the best i, in regard, forming a is last of first beamed, if faves the keeping any other.

a. Tomati Buik, or Day book, wherein the Affilia of each Day are energed orderly down, as they happen, from the Wall-book. Each Article in this Book to conflict of fever Farm, etc., the Large, Deberg, Creding, Sam, Quantity, anne of the Year 1673; all Praden in France, whicher by Wholefale or Reasil, are chigid to beep a journel, con-tining all their Affairs 3 Debts affive and puffire, Bills of Exchange, Gr. For want of keeping, kis, and furerading it tag, on a Faliane, they are to be reported fraudulous Bink-rages, and finispletted to the Fennities thereof.

Midel of an Article in a Journal.

rsti	July, 1723.		l.	i.	8.
Wine Dr. 10 Cash - L. 160: -: 15th Burgundy, at	Rought of Daval, rea	dy Money, 16 Pipes of			
Burgundy, at -	L. 10.		160	0	c

5. Ledger, or Great Biok; call'd allo Poft-biok, Biok of Estratil, &c. is a bage Volume, ulasily raid into fix Co-lumns: This is the Walt-book fill further dightful; and is extralled immediately from the Journal. In this all the Accompa differed in the Journal, are driven our and shead in Debrar and Creditor. To been each proper and placed Pages are equally opposite to each other; that on the Left

Model of an Article in Debtor.

Anthony Roberts Dr. 1. 5. d. 70 Cash, paid by his Order to Wilks P. 16 1900 0

To facilitate the Ufe of the Ledger, there is an Alphabet, to ferre as an Index or Repertery; confifting of as Leaves, each cut on the Edge, and marked with one of the as Letters; whervin, the initial Letters of the Perfens as Letters; wherein, the initial Letters of the Perions Names with whom you have Accompts, are inferted, with the Polio of the Ledger, where the Account is flared. The Cafb-book is the most important of all the Auxiliary core; 'tis focall'd, because it contains, io Debtor and Cre-

Model of an Article in Debt.

P 1	June 19th, 1708.	L.	3.	å.
PACCEU.	Luce 2 yth, 1708. Luce 3 of Paul Simon for a Town of Wax, fold the 6th Inflant, A Part of — L. 1000: — : — Fleets of Eight, L. 108: — : — L. 1108: — : —			
	A Purfe of - L. 1000 : - :	1108	0	0
1				
			`	_

ferving for Debtor, the other for Ceeditor: Each Article to confid of five Parts, or Members; the Date, the Perfon whom we credit, or are credited by the Subject, i.e. the thing credited or indebted far; the Page where it is found, and the Sam or Anneant of the Article. Two Inflances, the one of an Article of Credit, the other of Debt; a will ill-laftet the Form and Uli of this Book.

Model of an Article in Oreditor.

C. By Cafh, for his Remittance on James. Fo. 16 10000 0

diter, all the Caft: that comes in or goes cat of the Mer-chant's Stock. In this are enter'd all the Sams received and pay'd daily; those received on the Left hand, with the Perfos Name, of whom received, for what, for whom, and in what Species: Those paid, on the fide of Cerlier; men-tioning, likewife, the Species, the Reasien why, the Perfos to whom, and for whom the Payment is made. For Inftance 4

Model of an Article in Credit.

nand.	May 14th, 1711. To Tim. Hall for 2 Town of Wax, bought	l.	f.	d.
ray u.	the 1d Inflant, A Purfe of L. 1000: -: - Pitter of Eight, L. 300: -: - L. 1300: -: -	1300	o	0

Model of the Page of Receipt.

Say.	1708	To Receive.	6 1	8.	i
1	Remittance of John	Vallor, of the 10th of March, on Pits.	600	0	
	Of Cade, for Wood	fold the 6th of July	150	0	
2	Of Dikes by Sond		000		
- 1	Remittance of Price	, of the 23d of October on Page.	170	0	

Book of Numero's, or Wares, is kept for the eafy Know-ledge of all the Goods brought in, fent out, or remaining in a Warehouse. On the Left hand Page are enter'd the Quantity, Quality, and Number or Mark of the Goods

1	Nº I	A Bale of white Pepper	400
l	1	A Piece of Crimfon Damask Ells	63

Brok of Invoicer. A Book to fave the Journal from the Endures invivibles, in taking Accompts or Invoices of the Property of the Conference of the Property of the Conference of the Property of the Conference of the Property of Cook in Partnership to Food of Cook of the Property of the P Direction.

Book of Accompts Currant, is kept in Debtor and Creditor, like the Ledger; and ferves for Accompts fent to Cor-respondents, to be regulated in concert with 'em, e'er they respondents, to be regulated in concert with 'em, c'er they are enter'd in the Ledger: And 'its properly a Duplicate of the Accompts Currant, kept to have recourse to on oc-

carion.

Took of Commissions, Orders, or Astricts. In this see near dail Commissions, Orders, of Astricts. In this see near dail Commissions, Orders, 56°, received from Geregories of Commiss relating to their Execution. Some consent transfers with encoding the Articles but fact the sweding below the commiss relating to their Execution. Some consent transfers with encoding the Articles with according the Articles with Commission of their Executions, and the Articles of their Conference of the Articles of their Correspondents to be able to know, on the Bill's being preferred, whether they have Orders to seeper time on our commission of the Commission of cell'd.

cells. "Such of Sensitement. A Book ferring to Register Bills of Eschisops, as they are centured by Correspondents, to of Eschisops, as they are centured by Correspondents, to of Acceptance, and of Acceptance, and of Acceptance, and the Boot of the observations of Acceptance, and the Boot of the Show position of the Correspondent of the Show of Acceptance, and the Boot of the Day when they were part to Manga, and the Boot of the Day when they were many Merchants, Cell, mile but one of the two, which they are supported to the Correspondent of the Sale of Deby, and Remittance or the Sale of Deby, and Remittance and Sale of Boot of Eschisops. A Detail of the party Espense, both Doundtake and Mercantiles which, at the Boot of Journal, all the Boot of Journal, and Sale of Boot of Sale of Deby, and Remittance and Sale of Journal of Sale of Deby, and Remittance and Sale of Sale of

Tournal.

Journal.

*Book of Veifits, is kept in Debtor and Crediter; a particular Accompt being kept for each Veffel. To the Side of Debtor, are part Vidhailling, Fitting our, Wages, Eff.
To the Side of Creditor, are part every thing the Veffel has produced; in whether by way of Freight or otherwise. Latifty, the Total of each is entered in the Journal; a upon balancing the Accompt of each Veffel.

cing the Accompt of each Veifel.

"Bine of Weben," is particularly in ale among Merchants
who have Manasichues or Works in their Hands. Til
the Manasichues or Works in their Hands. Til
the Side of Debt hy put the Attenderman employd. On
the Side of Debt hy put the Attenderman employd, and on that of Credit, the Works they return.
Their Bines are keep the Lime, as to Sublitance, in most
Trading Cities in Europe, but not as to Crin: Each beting requirated by that Crin which has Coarfe in the State
in grequirated by that Crin which has Coarfe in the State

mg regustes w) ware view star. See Coin.
BOOKS, in Terms of Commerce, the Regifters wherein
BOOKS, in Terms of Commerce, the Regifters wherein
ECOM, in the Sex-Language, a long Piece of Timber,
BOOM, in the Sex-Language, a long Piece of Timber,
with which the Clue of the Studding-fail is freed out; called also the Studding-fail Brown. It is fometimes likewise

Model of the Pare of Payment

an.	1708 To Pay.	1.	5.1	14.1
•	To Charles Horn, for a Purchofe of the 1st of July. To R. Hart, a Note under Hand of the 5th of August.	700	0 0	0
2	Remittance of Lucas of 15th of December, to Hall.		0	

brought in ; on the Right, the Difcharge of the Goods out of the Warehouse, against the respective Articles of the firft. Thus,

March 1 | Sold to Charles Mitchell, Apr. 10 | Som to Nichols of Briftol.

and to figured, or fown our the Class of the Main or Fore-fall. They fay a Ship comes Zhownig, when the makes fall, They fay a Ship comes Zhownig, when the makes for the Class of the Class of the Class of the Class Ship Class of the the Main of Zhownig Class of the Class of the Class of the the Logs, and the close of the Class of the Class of the local specific the Class of the Class of the Class of the local specific the Europe Specific of the Class of the Dones are benken, EC. The Guers now disinful in Egg-Contract.

BOOTES, in Aftronomy, a Conficilation of the Northern Hemisphere near the Pole it felf; see Constella-

The Stars in the Confediation Bostes, in Ptelomy's Ca-talogue are 23; in Tycho's 28; and in Mr. Flamflead's Catalogue 45. Their Longitudes, Latitudes, Magnitudes, Catalogue 45. Ti

t	Stars in the Conf	teli	atie	ns]	300°	YES			
-	Names and Situation of	S	Lo	naic	ude,	L	cito	de :	
•	the Stars,	55					Nor		Magnit.
•		•		•	"		,	*	1
•		4			16			16	6
					34		32		
•	Middle of 3 in the fore Leg			- 4	51	33	59	8	
•	Southern		::	3/	57	124	32		
	1		- 4	,,	"	۳,	••	4/	4
i			11	26	17	20	14	2.8	5 6
1	Last of the Tail of Urfa Major	黎	22	34	14	154	14	0] ', °
ì	North China	12	14	10	50	27	15	18	7
t	North of the Leg		14	59	00	28	6	41	\$
	10		11	00	38	36	\$3	10	5
7	Inform, before the preced. Thigh			17		i			
3				13	I	31	28	30	7 6
	In the preced, Thigh		74	43	- 2	35	23	**	7 6
ŕ		1gr			14	132	71	.\$	5
,		Δ	22	8	41	14	51	0	6
2	15					1	,-	٠.	
	Delote on a temperature of		13	26	33	22	15	30	6
	Bright one 'twist Thighs, Arclarus Preced, in the North Hand	_	19	53	52	30	57	0	1
	A recess as the Atomi Hand	w	72	30	39	58	54	41	4
	In the preced, Ann	24	23	23	52		10		6
	10			57	32	74	39	20	4
•					11	. 0		0	
	Middle one in the Hand	19	16	46	14	48	*/	**	5
	That following Arcturus	23	22	28	00	3.5	45	14	7
3	Laft of 3 in the Hand	M.	18	14	00	60	10	4	4
,	Small one following the N. Hand		1	35	45	58	55	3	6 7
	Preced. against the Girdle		-						
٠	Treeds. against the Greate		13	15	50	42			4
1	In the preced. Shoulder		**	47	58		6		7
•	Subfeq. against the Shoulder				33		33	. 0	3
	South in the following Leg		27		55				5
1	30			,-	- '	,,,	٠,		3 4
	In the posterior Heel		18	4	21	2.7	51	41	3
1		践	0	53	28	21	41	12	4 5
	That following the preced. Arm	4	29	37	33	25	59	55	6
	That ionowing the prectu. Arm		. 9	58	2	55			6
	31		13	36	32	40	٥	9	6

Names and Situation of	255	Lo	mgit	nde.	L	atitu	de	1 2	٤
the Stars.	P				i	No	r.	03	ğ
									•
North in the hind Leg		28	27	45	31	17	7	4	
Agft posterior Thigh, ander the Gird.		24	44	35	40	18	21	1 2	1
In the hind Leg									
First of 3 over the Head		11	1	48	57	54	,	4	
		20	6	51	52	47	48	1	7
40				1			7.	1	٢
In the posterior Hand		29	26	42	40	TT			
In the Head		19	53	41	54	10	28	13	
In the Wrift of the poster, Hand									
In the Extrem. of the Staff's Handle	m	0	54	28	40	10	70	13	
Middle over the Head	6	13	18	6:	60	,,	2.9	5	
45		-		"		,,	3/		
In the Staff, near the Hand	101	0	24	2.2	41		4.	6	
Posterior over the Head									
South of the middle ones in the Staff	ш	. 3	::	70	::	- 1	**	5 3 6	
In the hind Shoulder	104	18	28	8	49	4			
	m	0		- 1	77	9	**		
50			,,	3	77	,	To	۰	
That follow the Staff towd the Crown					46				
		13	44	43	53	49	30	5	
South in the Extrem. of the Staff	-	10	**	44	57	3.5	55	4	
More North		.0	41	50	37	6	25	. 5	
Another following this	***	-0	-4	27	57	14	40	5	4
mount roughing tres	III.	0	40	2	57	14	45	- 6	

BORAX, a Mineral Salt, ufed in feldering, brazing, and catting Gold and other Metals; known to the Antients under the Name of Chrysfordia. Plury divides 2018 to the Natural and Artificial: The Natural, according to him, vo Natural and Artificial; The Natural, according so him, is only a filling Humor running in Mines of God, Shive, copyer, and even Lead; which being congorial and hardend by the Winter's God, becomes of in Cuefflows. Grant Purious Res. 2015; 1916; 1917; 1918 and hardend by the Winter's God, becomes of the Chefflows, but the State Res. 2015; 1918; The laine nutnor diffusioning their feveral Colours, as well as Values, from the feveral Mines whereof they are form'd. The Natural, according to him, is heavier than

toffen in the States, decorating to him, is heavier than
The Modern, is the manner, dilapquift, row Kinds
of Bareas; Matterd, call'd Caule; and Artificial; which is
of Bareas; Matterd, call'd Caule; and Artificial; which is
represented by the states of Parties and States and the States and the
resonance Form, and got of the Earth in Several Face
of Parties; and found allo at the Bottom of a Torrest, or
Arty where it acquiers a kind of reddin Fat, which feren
to red lat, and percent in caclening. When in the Technical
Arty where it acquiers a kind of reddin Fat, which feren
to red lat, and percent in caclening. When in the Technical
Technical Carlos and the States and the States
forcet Afgod, where the Darrepton Merchants buy it.
There is another hand of Artificial Parents are determined
the Carlos and the Artificial Parentsian who for the
Parentsian States and the States and the States
to Artificial Daviers, it was the Perentians who for the
militarity and explaining it is using for the spreads,
the Bartenian and Carlos and the States
the States of the States and the States and the States
States and the States and the States and the States
The General States and the States
The States and the States and the States
The States and the States and the States
The States and the States
The States and Technical States
The States

ning it, reduce it into little Pieces, like tagged Points;

rading it, reduce it into tutto recon-ated to the commonly and a Bores, refind, either in the Borels or Fenerian manner, Bores, refind, either in the Borels or Fenerian manner, Bould be clear might be rulen it have no Minture of Bould be clear which we rulen it have no Minture of English Allom. Borels is for from oil in Medicine, as it Commonly to the Unquest Girin. "The allow-ment of the Unquest Girin." The allow-

and above all, Care must be raken it have no Macaure of Deglight Allom. There is of force as in Medicine, as it has played by a large is of force as in Medicine, as it has a fair in the Proportion of a Private for the Ladie. The allowance of the Proportion of the Private force in which the har Research, which was the proposed of the United Private force in which the har Research is the National Private in made of the United of young People who drink Wise, many which was the private force in the Private force in made of the United Open Private in Medical Priv

BORDURE, in Heraldry, a kind of Addirion on the Limb of a Shield, in Form of artion on the Limb of a Shield, in Form of a Hem, or Girdle, encompassing it all round, and ferving as a Difference; see Difference; The Bordare must be about one fixth Part of the Breadth of the Shield.

assec. The Bredser and he about see the best of the State of the State

BOREE, or BOUREE, a kind of Dance, compos'd of BOREE, or BOUNEE, a RING OF DADGE, compose to three Steps join'd together with two Motions; and be-gun with a Coochet, riling. The first Compler contains twice four Measures, and the fectoral twice eight. It con-fits of a bilance Step and a Confee: This Toppos'd to come

from Janueyan.

BOROUGH, or Benow, or Bunou, in frequently un'd
for a Town Corporate; or a Corporation which is not a
real town Corporate; or a Corporation which is not a
real town the state of the corporation of the corporation are the firm that the corporation are the firm that the corporation are the firm that the corporation are corporation tame Appellation was beflow'd on feveral of the Ville

the tame appearation was detected on reversit of the rine languistics, or Country Towns of more than ordinary Note, not wall'd. See Town, Villace, &c. Boxcoun, or Burgh, is now particularly appropriated to fuch Towns, and Villages as fend Burgetles, or Representations. Parliaments of the Parliament of the Parliament

nucl lowes, and vinages as und progress, or Representa-tives to Parliament: See Buckers.

Boroughs are equally fach, whether they be incorporated or not; there being great Numbers of our English Bu-roughs not incorporated: And, on the contrasy, feveral Corporations that are not Eurongbs; ex. gr. King flow, Deal, Kendal, &c.

Desi, Kendal, Ke.
Borowous, are diffinguish'd into those by Charter, or
Statute; or by Preservation, or Custom. See Preservaries, Es.
The Number of Boroughs in England, is 149; some
whereof lend one, some two Representatives, See Pan-

LIAMENT.

LIMMENT.

Borouble-Exorism, in Law, a Cultomary Descent of Lands or Tenemens in form Places, whereby they come to the Youngest, instead of the Eldelt Son go, if the Owner have no fiftee, to the Youngest, instead of the Eldelt Brother: for that the Youngest is supposed, in Law, the least able to flift for bimfelf.

elle e Baif for himfel?

Boucone-History, or Handerey, be the Chief Mas of the Decary, or Handerey, be the reft to Guek and etc. Decary, or Handerey, be the reft to Guek and etc. I have been to the control of the Chief Massach, and the Chief Massach, and the Chief Massach, on Gree Warrann, Ger Reva L Baccoons, in Gentral, are Cooperation made for the Advantage of Track, by Chartern, general by fe-militation, and the Chief Massach, and the Chief Massach, and the paculiar Printiges. Their form a Body of themsilees, and fod Commissioner, each, no a manual Commention and fod Commissioner, each, no an annual Commention and fod Commissioner, each, no annual Commention of Books and the State for Europe.

general laterett of the Boroughs.

BOSCAGE, a Place for with Trees, a Grove or Thicket. In a Law Sence it figuifies Maft, or fuch Sulfenance as Woods and Trees yeld to Cattel; And, among Painters, a Picture reprefenting much Wood and Trees.

EOSPHORUS, in Geography, a Screight, Channel narrow Sea, which, it is improted, a Bulleck may for

Over.

This Name is now confin'd to two Streights in the Mediterranean Sea 4 wis, the B-opports of Threes, commonye call d, the Streights of Confinentacity, or Channel of the
Mack Sea 5, and the Commercian Belghorst, now more
commonly call'd the Streights of Kellyt, or Kelatricit,

from two Ciries flanding on it.

The Word is originally Greek, and is form'd from Sit, bes, and iss. For and iss. The Etymology of the Word is pretty well agreed on; but the moley of the Word is pretty well agreed one but the Region why it was given, is extractly controvered 1 Nym-Region why the agreement of the Person of the Physicans, defiring to pair the Threaton Streight, built a Videl, on whole Prow was the Figure of a Bullock. Physy Dimeylin, Pal. Fixon, Physica, Colimacian, Ke-thing Dimeylin, Pal. Fixon, Physica, Colimacian, Ke-thin Streights, which hence was call & Bufferen. Arrian tells us, that the Physicans were enjoind by the Oracle, to Solow the Row which a Budder of fronds mark out to to Solow the Row which as Budder (fronds mark out to the Solow the Row which as Budder). to to tollow the Rort which a Bullock fhould mark out to my and that upon filtring one up, it jumpel into the Sea to avoid their Furfoit, and iwam over this Streight. Others fay, that an Ox, tornmented by a Gad-fly, here he is felf in and iwam over 3 and others, that antiently the Inhabitrant of their Gastin, when they would past over, joined little Boats together, and had 'em drawn over by Bellocks, 25c. The Canacirum Bellowin Canacirum or have been for called,

The Consistence Beylberni Eems so have been 6 called, from 1st refemblance to the Threaton.

BOSSACH, or Brigher, and in Ind in its Plate; ins some that has a Principart, and in Ind in its Plate; ins some that has a Principart, and in Ind in its Plate; ins Store that has a Principart, and in Ind in its Plate; instance, the Principart of the Principart

Cavetto, fometimes with a Littel.

BOTANY, the Science of Herba; or that part of Medicine, and Agriculture, which treats of Piants, whether Medicial or others; their fevered Kinds, Form, Virtues and Use. The Word comes from the Greek Boldon, Herb; and that from Bork, V.Mantt; and Borst from Bon, J.Jecca; became most Animals feed on Herba, See MEDICINI., and

becaufe mont Ammils teed on Herris. Occ naturella-a sur The mod eminest Heavill strong the Androns, were Hyperceris, Persenting, Toujeride, Pheny, Galler, Sc. In the XVIIs Canney, the nation Hatery, with had been lost the XVIIs Canney, which was the Control of the Control of the Control of the Control of the Control Leanness, Brighwale, Grain, Futditin, Matthebini, Educations, Sc. In the fine Censury & Number of the January and Control of the Control of the Control of the January and Control of the Control of the Control of the January and Control of the Control of the Control of the January and Control of the Control of the Control of the January and Control of the Control of the Control of the January and Control of the Control of the Control of the January and Control of the Control of the Control of the January and Control of the Control of the Control of the January and Control of the Control of the Control of the January and Control of the Control of the Control of the January and Control of the Control of the Control of the Control of Entirely (where any Judgment of Farows will cought a Many January and Control of the Control of the Control of the Control of the January and Control of the Contro GARDENING.

"I book. See Hare-Borr, Prow-Borr, House-Borrs, Ket-BOTTUMAGE, or Borroam, is when the Mafter of a Ship borroam Money upon the 2borroam or Reli of Hz, of the see that the see of poil at the filme appeared, with the Interest of tear or fifty Teends for Conf. at the Ship's life Return But if the Ship military, the Lender lofes his Money, and shorefore the Interest is stilluly fin great. Others that it was the see that the Ship and t reaffick, and is to be paid a greater Sum at the Return of the Ship; flanding to the Hazard of the Voyage; So that tho the Interest be illegal, yet it is not offerm d Usary.

BOTTONY, a Term in Heraldry, for one of their Croffes, of this Figure; Argent a Crofs Bottony Sable, by the Name of Winnesod.

BOUCHE of Court, or valgarly Buron of Court, is to have Meat and Drink four-free there i in which Sence the French fay, Joan Bonde a lat Court, to be in Ordinary at Court. This Privilege is founctimes only extended to Bread, Beer and Wine. "Twas a Caflom antiently in ufe, as well in the Hondes of Noblemen, as in the King's Court.

BOULDER-WALLS, a kind of Walls built of round Flints or Pobbles, laid in a flrong Mortar; ufed where the Sea has a Beach caff up, or where there are plenty of Flints. See WALL.

Flints. See WALL.

EQUILITINE, in Architecture, the Workman's Term
for a Monding, whole Convexity is just a of a Circle placed next below the Plinth, in the Tufcan and Durick
Capital, See QUANTER-ROWND, and ECHIEVES.

BOURGER-ROSTERS, or Europaufert, the Chief
Magistrates in the Cities of Germany, Hollsond and Flant

Bourger-Roster (See Control of Co ders. To them belongs the giving of Orders for the Government, Administration of Justice, Policy, and Fi-nances of the Place: The the Authority and Odice of a

Governmen, Administration of Julius, Polity, and Fi-matics of the Place: The the Authority and Office of a matter of the Place: The the World is formal from the two Flendik Words, Berger, Bagged, or Classes, its Particular Laws and Statents. The Word is formal from the two Flendik Words, Berger, Bagged, or Classes, Julius and States and States and States and States and full calcular the States and States and States and States and States in Explanary, Amontory at Complexes, Capitud BOUTANT, In Achitecture, Ander-Fonteners in an Act Bertral, farring to States at Vanit, and which is It fell featured, in a large Calantor planned Some, radate on Ju-ports a Wall, Terrals, or Vanit. The Word is Prench, DOUT'S IMEX, a repulse Tom in the French Courty of States, and place to the Calantor Calantor of States, and gives Verific and the International Computing of the States and States The Invention of the Brant Roberts, the whole is the Commission. Some good Authorn States, that the Roberts and to chair fath and term the widels, and breath the Montant feat of the State Roberts and States and States and States for all the States Roberts and States the States and feat of the States Roberts and States the States and feat of the States Roberts and States the States and feat of the States Roberts and States the States and States the feat of the States Roberts and States the States and States the States and State reat of the Bouts Rimes. The Academy at Youloufe have contributed towards keeping in Countenance the Boust Rimes; by proposing each Year a Sett of 14, to be fill'd up on the Giories of the Grand Monarque: The victori-ous Sonnet to be rewarded with a site Medal. An Instance hereof is the following one, fill'd up by P. Commire.

Tom eft grand dans le Roi, l'Affect feul de son bufte, Rend nos fiers Ennemis plus froids que Es Guillaume n'astend que le Tems des Glacons: Moiffons, Pour se voir Soccomber sous un bras si mbate Os'on ne nous vante plus les Miracles d' Louis de bien regnir lui feroit des Horace en vain l'egale aux Dieux dans ses Auguste; Chanfons Moins que mon Heros il etost fage & jufte, &c. BOW, a Beam of Wood, or Brafe, with three long Screws, that govern or direct a Lath of Wood or Steel to any Arch: Us'd commonly to draw Draughts of Shipe,

Projections of the Sphere ; or, wherever it is requifite, to draw large Arche

Bow is alio an Inflrument formerly us'd at Sea; confid-ing of a large Arch of 90 Degrees graduated; three Vanes, and a Shank or Staff; a Shade-Vane, a Sight-Vane, and

an Horizon-Vane

an Hedrone Vanc.

Brew 96 obbjects have Pre of her which begins at the Brew 96 obbjects at the Rem, and ends at the Stemen Heart See and the Stemental Part of the Fore Calle. If a Ship hath a bread Seen, show gall at a lead 2000 at 18 the bath a sarrow with a Brew, they gall at 164 2000 at 18 the bath a sarrow with a Brew, they gall at 180 at

BOWER, an Anchor carry'd at the Bow of the Ship, is call'd her Bower: There are ufually carry'd two there, the first and second Bower; but the greatest Anchor is carry'd n the Hold.

BOWLING, or ruber Bow.Line, a Repp fiften'd to the Locks, or shidle Pirro of the Chaftle of the Stall in a BOWLING, or ruber Bow.Line, a Repp fiften'd to the Locks, or shidle Pirro of the Chaftle of the Stall in a Bowling-bride. The Misco-Bowling is fiften'd to the lower Fiel of the Yard. All Satis have the Breefring, ex-tended to the Yard. All Satis have the Breefring, ex-tended Sati cannot be seful of the Yard, and the Stall Bordone being to make the Satis shand sharp, or closic, or spot the Bowling, so Fig. 1 by Bowling, gath at Is, Fall it as plant, more forward on; But when short for Darb by Bree-fled. A Bowling-Row is a Know that will not flip a by which the Bowling-Beidle is fallen'd to the Creegies.

BOWSE, 8 sex Term, famifying as much as Haie or Pail: Thus haling apons Text, in called horniger gens a Text, and when they would have the Man pail all together. BOWSEVET, or 2006, print, the Madi of a Verdit shrunding formed on the Prow a relitting longeways on the Hadd of the Main Stern, and having its lower End faither'd to the Company of the Company of the Prower of the Company of the Comp

ars before Waywoodes

aris before Waywoods.

BOYAU, in Fortification, a Gut, or Branch of the Trenches: Or a Ditch cover'd with a Paraper, ferving for a Communication between two Trenches. Spows is also a Line, drawn winding about, in order to inclose feveral Tracks of Ground, or to attack fome Works. See Diven, Tarnen, Se.

Ground, or to attack tome Works. See Direct, Ta.Rect, Sée. BOYLE'S LECTURES, a Courfe of Sermons or Lectures, fit on foot by the Honourable Robert Beyle Efg., in 1691. Their Defign, as expected by the Inflittor, is to prove the Truth of the Christian Religion against Infidels, without defending to any Communication and Communication. prove the Truth of the Chrillian Religion against Infacts, without defectable to any Controversite samog Chrillians, and to ansive new Difficulties, Scauples, 15c. For the Support of this Zedira, is alligned the Knorr of his Hondie Mornilay; to be chelded for Trum, nor care this Ballott Mornilay; to be chelded for Trum, nor care this Ballott Care, by the last Archibitop Formale, and others. But the Hund proving procurious, the Sulary was ill pryld; To remetly which Inconvenience, the find Archibitop procured a yearly Signal of 50 Found, for ever, to be paid Quartery, charged on a Form in the Farith of Britis, in the

ounty of Bucks.

Courty of Broks.

BRACE, is commonly taken for a Couple or Pair; and applyd by Himmen to favorel Bestle of Game; as a Broke of Bestle Stock, Haren, &C. Allo a Brise of Bestle, in Architecture, a Floce of Timber, frant'd in Bestle, in Architecture, a Floce of Timber, frant'd in with Bestl Joints. In or is in to be rub Bestlein, from foreving either way. When a Bracer's frant'd into a Kingpiece, or principal Rather, it is called by fore a Brize.

BRACE, Brizecho, or Brigh, a bog Mediarc, answering to our Palasine, for Farriests.

BRACED, a Term in Heraldry, for the intermingling of three Chevronells, thus; Azare a Chief Or, and three Chevronells braced in the Bate of the Efcutcheen, by the Name of Fatz-brgb.

The extense of time-regio.

BRACES, are Reper belonging to all the Yards of a Ship, except the Misen, two to each Yards. There is a Ship, except the Misen, two to each Yards. There is a Ship, except the Misen, two to each Yards. There is a Block through which the Force is reveal. The two the two parts of the Parts of Parts of the Parts of th

falls clote by a Wind. See Yanne,

BRACHMANS, the Philodopiers, or Sages of the Eaflladies. These have been famous in all Antiquity for their
Secreticy of Life. The Grocks gave 'em the Name of
Granushphistis'; the Cleanest, Porphysy, &c. make the
Paradinator only a Branch of the Granushphistis; whom
they divide into two Setch, the Brachmans and Samonori. re are some in the Indies who still bear the same Name,

Then we found in the India who fill hear the fune Name, addite in the fine manner as the Anteriors. The Purmers addition the fine manner as the Anteriors. The Tourism and the India Name of I

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Porplays observes, that the Brushman facecoded into the Brushman facecoded into the Brushman facecoded into the Brushman facecoded into the Brushman facecome and the Brushman facecome and the fine Employ the later of various The Brushman control of the Brushman facecome and the Brushman facecome and the Brushman facecome and the Brushman facecome and the Brushman facecome for the Brushman facecome fo

Regert dilitesaulites fix som of 'cm ; the hortzener's, see cheese of the control of the control of the state of the state

The Brachieus Exercises artics about the middle and pofterior Part of the Humerus. It joins in Fibres with the Angleulus Longus and Brevis; and being externally Tendinous, they, together, cover all the Elbow, and are inferred

spreading Heads as other Nails have: Of thele fome are call'd joiners Brasts, and are for hard Wainfort; others Batten Brasts for foit Wainfoct; and fome Bill Brasts or Rusters-Hoads, and when a Floor is laid in batte, or for thallow Joint shiped: to warp. See NAILS. BRAILS in a Ship, small Ropes rever'd through Blocks, which are feized on either side the Ties, a lirthe distance of

which are federal as friend and one lies, a little unlanded or upon the Yard, so that they come down before the Sails of a Sails, and are fathen'd at the Skirt of the Sail to the Chengies: Their so is, when the Sail is furth across, to had not just Bunt, that it may the more readily be taken up or let I i fall:

fall: These Brails belong only to the two Courses and the Mixen-fall. The Word is, Hele vp the Brails; or, which is all one, Brail up the Sails; for the Meaning is, that the Sail should be haled up, in order to be furled, or bound close to the Yard.

Sail flowed be halsed up, in order to be furth, or bound cide to the Yard.

Gold to the Yard.

Gold to the Yard.

Gold to the Yard.

Gold to the Yard.

Make justed his the Creations or Shall; sheering shi the Organ of Scote terminers, and the Sail is furgredly principally so redde. The British is computed with rew for the Creation of the Sail is furgredly principally so redde. The British is consequently of the Boose hast control is a very consulfit, obscup, and the so Creations, or British the Sail is furgred to the Boose hast control is a very consulfit, obscup, and the so Creations, or British the Sail is furgred to the Martines. In Figure 1 to the time with that of the Creations, and the Martines is the Sail is furgred to the Sail in the Sail is furgred to the Sail in the Sail is the Sail in the Sail is the Sail is the Sail in the Sail is the

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observes, are of themshere even, but by the mustal Conpositive become supplies they may waving within case,
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at their Exercisions, which carry the sugar, of Security of the Contrate, and the Security of the Securit

formed by the Union of the Ferrebre, arife all the Nerves. See Naxua; fee also Consons. Pyramatalia.

The the primary Fibrulle, or Filaments, when united from to form one compact Body or Miss; yet Borrbares from one form one compact Body or Miss; yet Borrbares from each other, and the standard of the Body or Miss; and reading the thin saving from each Part of the Cortex, and reading the missing from each Part of the Cortex, and reading the missing from each Part of the Cortex, and reading the missing from each part of the Cortex, and reading the missing from each part of the Cortex, and reading the missing from the Cortex, and reading the missing from the missing from the Cortex, and reading the missing from the cortex of the cortex of the missing from the cortex of the cortex of the missing from the missing from the cortex of the missing from the missing from the missing from the cortex of the missing from the that thus affing from each Part of the Corece, and exchange as it were to the Correct of the Sphere, they full form the Medulls, that others, reflected beans and collected above, from the Corpus Cultiform and Fouriery and below, form the Corpus Cultiform and Logo for the Medulls obligation; the the like Fibritle and thing from the Corpus Cultiform and Logo for the Medulls obligation; the the like Fibritle artifully now in the Corpus Cultiform and Logo for the Medulls Spherels, and that the Medulls Spherels, and the Refull of which purchase, is the Medulls Spherels, continued within the Curvites of the Medulls, join with Logo for the Corpus Cultiform and Corpus Corpu

cm, and said firth. Confidence threats.
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of the Cavides cally Fear-root of the Figure
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of the Brini are exceedingly minuse Ganalas that they receive a Blusse, indinitely the most listed, flidd, messale
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goed influence to accurate, whether Mones, See See See Land County of the County of th minute hollow Meduliary Fibrille, of the fame nature with the Cellous Sublance, and contigues thereto. This mid-de, or cellous Part, he observe, is not difficustful by any cellous part, he observe, is not difficustful by any cellous part, and the cellous part of the cellous Togerous, cell-cite, and not unlike the Phri of the Elder Togerous, cell-cite, and not unlike the Phri of the Elder Togerous, cell-cite, and the cellous part of the cellous part of the Reafon, he thicks it a probable Conjecture, that it conflict insumerable Cells, communicating with each other, di-duction of the cells of the cellous part of the cells of the cellous part of the the cellous part of the cellous part of the cellous part of the the cellous part of the cellous part of the cellous part of the cellous part of the the cellous part of the cellous part of the cellous part of the cellous part of the the cellous part of the cellous pa

whele by the leteropoliton of membraneous, facili, sallet its, viteralit fartices of Columns, which being from down by the Spirits, and continually occord to the Shirings Developed to the Shirings American Columns, which was been supported by the Spirits, and continually occord to the Shirings American Columns, and the Columns of the

Venticle, or Rima, which is in the Medulla chiengens, has likewise two Apertures; the one the Orifice of the Influence and American State of the Aperture of the Influence of th call'd Calamus.

cal'ld Catasat.

In the Lateral Ventricles are found the Petron Closwidge, which is an Affenthique of minute Veins and Astretics; and four Editineces, the fifth for Captus Strates, the and four Editineces, the fifth for Captus Strates, the Astretics is and four Editineces, the fifth for Captus Strates, the Astretic to the fourth, in fraund the Physical Glead by Captus Captus Physical Strates of the Captus Captus Physical Strates of the Captus Captus Physical Strates of the Captus Captus Physical Captus Physical Captus Physical Captus Physical Captus Physical Captus Physical Physical Captus Physical Physic

shofe Jans poperly belong, for sife each Paramele im panger Head, Narra, Tavara, Trakana, Pitara, Tavara, Trakana, Pitara, Tavara, Trakana, Pitara, Tavara, Trakana, Pitara, P

Functions there must of necessity to an infinite Number of Clinds to Jesusteen and prepare 'on. From the fame of Clinds to Jesusteen and prepare 'on. From the fame of Clinds to Jesusteen and Supplication and Longituding and Supplication and S

From the Texture, Differition, and Tomo of the Theorem for Party, Philodopher collegain's account for the Partonesia for Party, Philodopher collegain's account for the Partonesia for Party, and from the Analogy between the Blaes of the Zhrein, and those of Wadez Instrument, slove: the Place and the Party of the Part the Fibres of the Subject and Artribute; and a right or wrong Judgment in the natural or deprayed Tone of the Fibres of the Brain.

Hence he takes occasion to observe, that the Fibres of Hence he takes execution to obleve, that the Filters of the Zeries, from their Analysy to their of Mudel Indirect Analysis of the Conference of the Conferen successful and the other Parts remaining found) fen-fibly brought to an Heckronifm: So as the Soul judging well in other respects, yet in this always makes a faile

Judgment. Judgment.

The Brain does not appear abfolutely necessary to animal Life. We have several Instances in Authors, particularly in the Philosophical Translations, of Children brought with allow and functions about the forth for form time with forth alive, and surviving their Birth for forne time, withforch allow, and ferriving their little for force time, with-out any Privit; and we have Amsonical fordance, or at any Errivin; and we have Amsonical fordance, or at the priving and their force of the control of the kind, we have a littley from Privit, or a Cally their votal at Maurity; and living four 10, no condy without Mat or Rich like. Liver indicad of only which, we as another Indiance, or a Child how in 12-71, which, for another Indiance, or a Child how in 12-71, which, for the Child like and the control of the Child Privit, Gerelli Head, was well found, but whiten any Privit, Gerelli Head, we will found, but whiten any Privit, Gerelli Head, we will found the living to the Child being that is New were than any way consolid to the Priv-cient with the Head. The Copie Nover terminated in the field Brane. M. a Day gives a third beliance, in Adentical adjunction, one over Nousal Alerroy; it for one flow nome. We at zero green a time termine, or measure and the control of the common Juedicione." Life. 'The letter were far the 37mm frees a Day, yet ivid 4 upon tableg on the Greethun it of yet | but bloosing into the Lange, he observes, he considered the properties of the considered the state of the considered the considered the state of the considered the state of far and the considered the state of far and the stat

for the Dunnesses, Spirits, etc.

BRAN, the Skins or Hufks of Corn ground, feracited from the Farina, or Flower, by a Sieve. Of Wiese-Wran from the Farina, or Flower, by a Sieve. Of Wiese-Wran from the the Starth, which is no the Starth-makers make their Starth, which is not the starth of the Starth St thing elfe but the Fecula remaining at the Bottom of the Veffels, wherein the Brau has been iteep'd in Water. See

STARCH

BRANCHES, in Architecture, the Arches of Gothic BRANCHES, in Architecture, the Arches of Gothic Vantes. Thefe Arches, traverding from one Angle to another, Disagonal-wife; form a Cross between the where Arches which make the Sides of the Square, whereof the Arches are Thomas Care.

Arbes which make the Sides of the Square, wherear the Arbes are Diagonals. See Vartry, COFFR, See Pecco of from which fupport the Mouth bit, the Chain, and the Corb's and which are faitend, or one Side to risk the Chain, and the Corb's and which are faitend, or one Side to risk the Order of the other to the Keria si ferring to keep the Horfe's Hard the other to the Keria si ferring to keep the Horfe's Mouth and the State of the Bird Command. What way fever the Mouth of the Corbe of the Bird Command of the State of the S Districts of the Bit incline, the Horle's Mouth always goes to the contrary. The Dake of Neweoffle is very particular on the Head of Bratechet's explaining their feweral line on the Head of Bratechet's explaining their feweral line on the Head of Bratechet's explaining their feweral of a Leever. The Branch is always to be accommodated as a Leever. The Branch is always to be accommodated as the Define, either of befright in, or railing a Horle's Head's and to the Define, clausedes, reached Branchet's, documents, which was and harry Branchet's, goattle Branchet's, managed the Branchet's documents, and harry Branchet's, goattle Branchet's, managed the Branchet's documents, and harry Branchet's, goattle Branchet's, managed the Branchet's documents and harry Branchet's, goattle Branchet's, managed the Branchet's documents and harry Branchet's, goattle Branchet's, managed the Branchet's documents and harry Branchet's and harr

With regulet the fire from and Strellaure, Breathers are cluber fireight, in form of a Pillol, for young Herfes, to form their Monds, or, after the Conflate of Fraeed's Falthon, for Horles that already carry the fired the Street of Falthon, for Horles that already carry the fired to be the Conflate of Fraeed's Falthon, for Horles that there is Street in the Manage, 1. That the fired Street is form the Heard's Angle, extern fary host, are realts, and their Effects more fadden than their of others. That the Estate he expected the the Length of the Took's Not.

Length of the Length o

derive it from Bretelium, an Arma and others tom Brete-chies, the Gillio of Fitches.

The Bretelium of Trees are observed, almost containary.

The Bretelium of Trees are observed, almost containary,

the Company of the Bretelium of the Company o

products of Marces, are under the Guidance of a wife Demonstrate and Hingapath's into writes Kinds A Med Bonnetts are affected by the State of the S

See Parsiste.

BRANCHIA, a Name given by the Greek Naturalists
on the Gills of Jifthen; which are Parts composed of CarBRANCHIA, and the Carlot of Carlot

See DISTILLATION. The Velicis uted herein, are usually Copper; and some Diffillers, to cool the Liquor more rea-dily, make the Neck of the Matras, which is very long, and winding like a Serpent, pass through a Veffel of cold

and wroning lines a sorpent, past trooting is conce to con
Ze diffil Braxer, they fill the Centric half fall of
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of Wines rettlify!. The forcest Drillistines is rained to Built
and Marine, and in Califor Carestrip and the Liquer grade
that is, finder rectifyit, as long as the Operator hinks fit.
To shridge these fewer Drillistines, which are long and
resubscious, they have increased a Chymical Informerar; a
ret on integel Drillistines. The Declicetopies and Figures of
which Inframena may be feen in Gioffer's Chymifty. Water.

B. R. A spirit of Wise, it yets a cooled of Redity's Spirit of Wise, it yets, so me be legislated into a Biase: it these it contents which, Frience's without leaving any funguity belond on, which is force without leaving any funguity belond on, which is force without leaving any funguity belond on, which is force that the state of the state

Dying, when nifel into rectify? Splitt of Wine; being ac-counted one of the Dyern Non-closuring Drugs.
Beifiels the Brendy make of Wine; where is other make of Male-Liquor, of Cycler, Syro, Sagar and Makelo. The greated Part of the Brentier in ufe, and those no, the belt, are perpetted in France: Of the Frende Brend, site, those of Natures and Patiens are the most elicitent's, as a being of a better Talle, fine: and thouger, and called-ring the Tell of the Chaptele longer than any of the cell: Typics of Adjuny, Varianus and Orlano, claim the Eccount

Brandy makes a very confiderable Article in the French Commerce: The Number of Foreign Veffels, wherewith all their Ports are full in Time of Peace, and which are Combines: The vitance or recogn vessels wineven the Combines: The vitance or recogn vessels wineves the Code, in good mediare, with Brewig, in incredible, Nameri alone familities rayaco Gallons for dismus, and proportion. The Durch take of their Hands since families and the code of Europe. Pollond and Strates are the only Nestines which are not their Conference; to the Vitance and the proportion of the Wine-Breanface of Frances.

Of Brondy, both phis and arcifold; has proported writes the Vitance Breanface of Frances.

Of Brondy, both phis and arcifold; has proported writes are forecast, and right phis proportion. The Durch phis and reality of the proportion of the prop

BRASIL, or BRAZIL, a Wood to call'd, because first brought from Brass, a Province of S. America: It is denominated variously, according to the Places whence it brought. Thus we have Brass of Fernambenc, Brass of Japon, of Lamon, of St. Marthus; and lattly Brasslite, brought n the Autilles.

neoghe. These we have Breigh of Irentantence, Breight of the management of the profile of the pr

Capper, has that it not may a to be propored in Capabelles fifteening, being near the fifteening being near the first of t

The bett Bright Gauss are misde of malicable Metal, not of pure Copper and Galazine alone; but it is necessary to add courier Metals, to make it run clole and founder, lack as Local and Port Metal. Be LiMeral is a Composition of Bright and Tim: and Bot Metal of Bright and Lead; a copy Deumof Lead, is usually part into roo Pound of Each, is dually part into roo Pound of Fach, is dually part into roo Pound of Fach; and Limit and Copy of Bright and Tim:

The Standardite of Dropy, was represented in American profession of Section 1, 1887,

before or 8-actors I lime, 'in sind this precious Mexil was Copper whereath Garrieria belomed, thus melted and me tongeris by the Violence of the Cardingstion. The Statement of the Cardingstion of the Statement of the Statement of the Cardingstion of the Statement of the Statement of the Statement of the Cardingstion of the Cardingstion of the Statement of the Cardingstion of the Statement of the Cardingstion of the Carding

oin'd 'clot throughout the States' only holding in thoir Excess has roat. See Sentral son. Erriver, See, is by The Micheel of bronging among Form surber. BIRAGCH, in Formication, it is the Rains made in any Bart of the Works of a Town, GS. either by play-ing Cannon, or feelinging Mines; indeed to thorn the Bace, Forrifg the Breach, Moke a Ludgment on the Breach, Care rite Breach, See.

Clear the Breach, &c.

BREAK-BULK, is to begin to take the Ship's Lading or Cargo out of the Hold.

or Curpo out of the Hold.

Bata A: Cavery, in Fertification, figalifies to begin
Works for currying on a Suggo of a Town or Fort, Sc.

Part of the Johns Body, on the Outside of Forty Sc.

Part of the Johns Body, on the Outside of Forty Screen,
whole use is to feparate the Milk. The Breeff; are much
min in Morn Ther Magnitude is various; a slavys bigged
register as the Section of a Globa, barrier in the middle a

more perfect, more conjugacies, and of more at in Women more perfect, more conjugacies, and of more at in Women in Times of Gertline and Achtains. Their Piquer represents a large Schim of a Gibbs, having in the middle a confusion of the confusi

15 J J A L L have cely to fill up the Interditices of the Glinds; but III. Dreks, site Marging, thinks they contribute to the Competition of the Milks; which from maring eith the Ware position of the Milks; which from maring eith the Ware which compose the Glinds of the Ziro A. Tight is the Albert which compose the Glinds of the Ziro A. Tight is the Albert which compose the Glinds of the Ziro A. Tight is the Albert which compose the Glinds of the Ziro A. Tight is the Albert which compose the Glinds of the Ziro A. Tight is the Albert and Carlon and Carlon

Milk i because that Blood which before flow'd to the Farsi, and for three or for Days afterwards by the Uteras, beginning these to flop, does more dilate the Mammillary Cinnids. In Man, the Taregia's are very fornial, and chiefly control to the C ng flowly in a fine small black Curl on the Water towards five. Upon its coafing the Land-Breeze commences, which increases till 12, and is faceceded in the Morning by the

increases till 12 3 and 13 Indeceded in the Morning by the See-Breeze again. See Wind. BREGMA, the same as Parietalis Offs 5 fee Cranion. BREST, in Architecture, a Term and by fome, for that Member of a Column, otherwise called the Thorus or

Tore. See Tonus.

that Monitor of a Column, otherwise called the Therm of Therm of The Sec Thans, in Timbes Building, are Faccia in the control of the Sec Thans, in Timbes Building, are Faccia in the control of the Sec Thans, in Timbes Building, and in the middle Phoen, four in Garens or Ground-Floory; in which the Girden into which the Girden are famed, are call'd Somewise. BREVEY, in Grommars, Spikholes are dillingsificht into the College of the Sec Thermoney, and the College of the College of the Sec Thermoney, and the College of the College of the Sec Thermoney, and the College of the College of the Sec Thermoney, and the College of the College of the Sec Thermoney, and the College of t

on occasion, three Day's without schearfing the Breizing. The Inflintent of the Breizing not being very animat, The Inflintent of the Breizing not being very animat, the Opinions of the Times, i.e. full of ridelassis illustrated Palls which gave a handle or foreral Reformation cheeced by feweral of their Countils, particularly these of VIII. and Evidence VIII. and Evidenc YIII. and Orban YIII. as now a proper of force of the Eurawagnetics, and brought it nearer the Simplicity of the Eurawagnetics, and brought it nearer the Simplicity of the Eurawagnetics, and brought it nearer the Simplicity of the Eurawagnetics of Eurawagne

(126)

Spain, Germany, &c. but what has fomething particular in the Form and Manner of its Breviary: The Differences are generally inconfiderable.

are generally inconfiderable.

The Breaters in the Greeks, which they call everyor.

The Breaters in the Greeks, which they call everyor

The Breaters in the Greeks with the Sanches and

the Cambridge and Montiferries that follow the Greek Rites.

The Greek d'adult the Elliste into a Fura, oglivares is

which are a kind of Reith, Turkle,

The Breater and the Breater in the Greek of the Sanches

the Greek Breater goalfild of two Pires. In the general,

the Greek Breater goalfild of two Pires. In the general

the Greek Breater goalfild of two Pires. In the general

the Greek Breater goalfild of two Pires.

The Breater of the Mercatire, has fome more confidence

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than the Greek Breater of the Mercatire, has fome more confidence

than the Greek Breater of the Mercatire, has found to the Mercatire of th

rake Differences. Among the Fourier who first his Size-owic Language, or any of its Diskoh, the Brezenty as owic Language, or any of its Diskoh, the Brezenty as in Gyrifes, among the American in American. Those who reheats the Premierry in the Sixonia, are divided as to the three forms (bin-wing the Reutes or Lerine Kire, Centis: Those who live further within the Cordinents, as in Hingary, Bullett, Schemoth, &c. and in Plantal, Li-veriers of the Origin and Applicans, are much sike. Allonge derives the World Breviary from this, that the wheeling were collected the Fillian, Intless, and the Chief cost of lugs Volumes; And P. Adelilos with the Chief cost of lugs Volumes; And P. Adelilos with markinet; they were not show there Fingers beauth as

nardine; they were not above three Fingers broad: he ebserves, their Letter was exceedingly finall, and consisted mostly in Abbreviations; expressing a whole Period in a few Syllables: Whence they had a good Title to the Ap-

I've Syllabies a wachte there had a good I live o use a re-pellation of Byrochesis, q.d., Birgameats, inch. Bunjare, whose Office was to stric and tradicine Burgies, whose Office was to stric and tradicine Burgies, whose Office was to stric and tradicine Burgel. Excitoring, who dilette and write the Popels Briefs.

BREWIS Cohie, is a Madic best riles from the Superior and politerior Part of the Homerous; which joining it and the Byrochesia Burgel. B

Helty shores with the Brachesus Externus and Longing, and becoming Tendinous, covers the Elbow, and is inferted into the Obervanium, to extend the Arm.

Barvar Balanars, lies under the Ageneratio of the Palmaris, and aritis from the Tong of the Mestacapping, that fulfain the little Finger; and from that Bone, and that of the Corpus which lies above the rell, it goes trail-

Pathenris, and urits from the Blow of the Advisorphis, that fulfaths the line Player and from that Blows, and that fulfaths the line Player and from that Blow, and that fulfaths the line Player and Forest the Player and the Carpanita of the C

Spirits, fee Distribution.

BRIBERY, in Law, a great Milprision, when any Per-

fon in Judicial Place, takes any Fee, Pension, Gift, Re-ward, or Brocage for doing his Office, but of the King

BRICK, a fat reddish Earth, form'd into long Squares, 4 Inches in Breadth, and 8 or 9 in Length, by means of a wooden Mouid; and then bak'd or burnt in a Kilin, to ferre for the Use of Building.

wooden Moudi, sud then half or bears in a Kilin, we fare for the Clas of Ballading.

Brokes appear to be of a very susteen faturality as per Tow.

Brokes appear to be of a very susteen faturality as per Tow.

Brokes and the Garden of the Remains increof till in being.

Under the first Kings of Ream, they built with multime layered Storaes, which they learn from the Politers: Town the Brokes and the per town the Politers of the per town the Brokes And the greateril, as well as the mold tearther Bellidings of the facecoming Mangerows, as the Politer from the Groves. And the greateril, as well as the mold tearther Bellidings of the facecoming Mangerows, as the Politers on the Groves. And the person of the Brokes and the Company of the Brokes and the

gether to render beier Wocks more field, as we'll as more and the British.

The British among us are various, acquiring various Names, according to believ axion Fromp, Dimension States, and the British of the Workship of the British of the

Number, Barbars, in his Comment on Firmwise, recommond mother form of Briefs, via. Triangular cost, every Side a love long a find of me a Inh. Inh all of their. Their, but observes would have many Conveniences above the relat as being more commolious in the Management, of the Bayasses, and of fairer of livery adding much Bessys and the state of the state great an Authority.

great an Authority.
The Barth wheteof Bricks are made, mult not be findly, which will make 'em both heavy and britis; nor multibould be made either in the Series of in diviney. They
when made, they mult be fineled from the Sonif it be
to bot, and yet be exposed to the Air to dry. If they be
maded in furthy Weather, they are to be covered with Sonis,
when the sonis is the series of the seri

if in hot Weather, with wet Straw. When they are wendered, they are bornt.

Bricks are bornt, either in a Kils or Clamp: Those in the first, being feet in it, and the Kiln cower'd with Pieces of Bricks, they put in Wood, to dry them with a gendle Fire; and this they continue till they are pretty dry, which

is known, by the Smoak's turning from a whisfill dark, to a blick transferred Smoak. They then each to put in Wood, and proceed to burn with Bodh, Farra, Surva, Heath, Heath, Heath, Heath, Farra, Julia on one another, and cloud with wet Envis Aerth, India of Martar: They then condition to put in more Engows, till the Klin and in Archer look white, and the Fire a-porar sery of the Kim. Then they factors the Fire for an another, infilled. About Enough, took your Survaki to an another, infilled. About Enough, took your Survaki to is Hoor, and for all one by degrees; a8 Hoor bearing is generally infiliates. About Leading, to be mo Practis in Climps, but of the Practic themselves, sier the manner for the properties of the properties of the properties of the practice of the practice, and to the practice of the pra and when all is burnt out, they conclude the Bricks burnt enough.

Goldman observes, that Bricks will have double the Grammin outerless, was a marked in Water, sarength, if, after one burning, they be fleeped in Water, and burnt afresh. If the Earth be too fat, it must be temper'd with Sand; and that trod out again, first by Cattle, then Men. Bricks made of common Earth, melt,

the, then the Street and the common Earth, medic, then, then the Street and the form one Earth, medic Kinn are made of Street that will themsleve calcium, that the Velenment of the Fire may be broken by ten 18-tides which, they usually place order Briekly, made of an arguina Earth which would melt, next the Fire.

Street and the Stree

which has been priced in Accepting, and place in the which has Appelentated cell Olivania, for it of the Chymini, Oil of Philipphers, and to recive Tumors, in the Special Country, and to recive Tumors, in the Special Country, and the special Country and th Sec PONTON.

See Forton.

Brings of Communication, is a Bridge made over a River; by which two Armies or Forts, separated by the River, have a free Communication with one another.

River, have a free Communication with one abother. Draw Briton, is finch a one as may be drawn, or ta-ken up, by means of a Sweep or Counterpolic; and which fluts up against the Gate, &c. There are other with Pitralls, and Beams, fushin'd by two large Stakes 15 Foot

finer "or sguadt the Gain, Efe. There are olivers with Firthish, and Bonns, feditud by we large Schate 1; Forch high 100. Part whereof levers as the other rife. I have been a state of the rife of the beautiful, or Leathers from the Tup of the Head to the Kings of the Bonns of Erra; a better first the Head to the Kings of the British of the Head to the Kings of the British of the Head to the Kings of the British of the Head to the Head

and always wrote on Parchmont, and fed'd with Lead or green War, whereas Breef's re-field with 64 Was, and the War whereas Breef's re-field with 64 Was, and in the Condition of a Filherman; a Seal over applyd but in the Popt's Prefence. The Breef's is beated with the Name of the Pope apers; as commences with Diffice, Name of the Pope apers; as commences with Diffice, Name of the Pope apers; as commences with Diffice, which will be the Breef's the Breef's the Breef's proceeds directly to the Marter in hand, without further premable. They are not fulchfull by the Pope, now this his Name, but with that of his Scarteny. Fope Breef's et VI. infiniteed Codleged Sceneration to Britley's food der VI. initiated a College of Secretaries for Brieff; ince-which time, they have been made much lenger and more ample than before. Fermerly Brieff were only diffarth'd about Affairs of Juffice, but now they are likewife us'd for Graces and Differentions. BRICADE in the Militages Art. a Party of Distinct

Graces and Differintations. The Perry on Divition of BRIGADE, in the Mikher Blefe or From. There are two fetrs of Brygades, according to the Privace or two fetrs of Brygades, according to the Privace way of a continuity. A Brygades of an Army, which is a Body of Horic of 1 to 0 1 1 Squadoms to Gr of Bone, of 3 or 4 Barriers, and the Brygades of the Brygades of a Company of Cavalry is its third Barr, when it equilibre Brygades 7 to Otheres, but its fixth when it conflish only of 7 to Otheres, but its fixth when it conflish only of 7 to Otheres, but its fixth when it conflish only of 7 to Otheres, but its fixth when it conflish.

of 100. Word Bright's in Premit; 6 mm derive, it from Parland as Bright, as I have been a been consistent of the Bright and the Bright and the Bright and Bright and the Br

Jand, notorious for their Rubbettes, were arm'd.

BRIOADISS, an Officer that commands a Brigade of
Horie and Foot in an Army: He is very confiderable, and
goes next to the Marefebal de Camp.

BRIOADE, Major, Is an Officer appointed by the Brigadier to affift him in the Management and ordering his Brigade; and he acts there, as a Major-General does in an

Army,
BRIGANDINE, a Coat of Mail, or a kind of antient
defendive Armour; confiding of thin jointed Scales or
Plates, pliant and eafy to the Body. Some confound it
with Haubergeon, and forme with a Brigantine, a low long

Veffel, BRIGANTINE, is a fmall, flar, open, light Veffel, which goes both with Salis and Oare, and is either ter Fighting or giving Chafe. It hearh afually to or 12 Benches on a fide for the Rowers, a Man and an Oar to each Bench. They are principally ord by the Capitar: All the Hands about being Soldiers; and each having his Muf-

Bench. They are principally with by the Corplary: All the Hands shouth being Solicies; and etch having his Macker ready under his Own. Hands shouth by Bodiers; and seek having his Macker ready under his Own. Bench Read of Man in it, or the Built over PEC. BROCADE, or BROCADE, or BROCADE, or Structure of the Brown, Fallage, or other Figures, according to the Francy of Code, John Wood, or other Figures, according to the Francy of Code, John Wood, or other Figures, according to the Francy of Code, John Wood, or other Figures, and certain of Code, John Wood, or other Figures, and certain of Code, John Wood, or other John Wood, or othe

In France, till the Middle of the XVIIth Consuly, their Exchange Erkotra were called Contraria to Change; is the by an Amer of Council, in 1859, the Nime was changed one, of France; And in the Regulating of the XVIIIth Councy, to couler the Odice filli more bosonamble, the Th-che of King's Compilier was added. A Cornel Cairy, and to of King's Compilier was added. A Cornel Cairy, and of Exchange-Erchotr, are call'd Couplus: The memor of whole negotiating with the European Mechanis, has form-ching in it to very pericular, that we have refer? It to a distinct Article 200 Consur. The Zairo-Kanton and Carlo distinct Article 200 Consur. The Zairo-Kanton and Carlo Market Andreas Consur. The Zairo-Kanton and Carlo Aufterdam, Mollerdam, call'd Macheierr, are of two Kinda she one like the English, call'd Moura Brokers, besende of the needless, and the same and

rations herein

The control of the co

Straker's appear as rood and composit, as if there were no-bin pulling house of Superagrave Practice, pilot less to the pulling house of Superagrave Practice, pilot less to Money to necessition Recopie upon Perons: Their are more properly call & Prijerri. The Word comes from the Saron Practice, to the proper superagrave property and the pro-perty of the Prijerri. The Word comes from the City, Joseph In the Critics of Info, where are Composition ethics fill in the Critics of Info, where are Composition ethics fill for the Prijerrich Prijerrich Prijerrich Prijerrich In-formetry allevier. In home the Prijerrich Prijerrich Prijerrich fash Infiltrations, institueds as the Louis is not gratifi. In forme Parts of Info, they have likewich About if Prijerrich ettern it signin with Intends at to much jury Joseph Canadigus they have feveral of the Chanteri, which are dillinguished into Practic and Propersial. The Interest of New Risessays, are they who beyond fell Shrevi in the Jan Stockes of a Company or Corporation, for any Perin in thal lideline them.

John-Stocks of a Company or Corporation, or any tract fluid ledfer them.

BRONCH1A, in Anatomy, the little Tubes into which the Bottom of the Tracker is beanch d, at its Entrance into the Lungs; and which are distributed they every Part.

to the Lange; and which are diffribated how every Far-tereov, ferving for the Conveyace of the Air in Relgin-tion. The Park of the Conveyace of the Air in Relgin-tion of the Conveyace of the Air in Relgin-tion of the Conveyace of the Conveyace out say membranes hard Fart. They are joind together by the Membranes that inveft tem, and are capable of be-ing flor out lengthwise in Infjirtation, and of being drawn into each other in Expiration. The World is Greek, where it spinior the farm tring. So Louves.

it figures the fame thing. See Luwes.

BRONCHIAL, a particular Artery of the Lungs, call'd
the Browebial Artery. It arises from the defeending Trunk
of the Arta, and distributes it; and embracing the Trac'rest, purfuse the Coarfe of the Browbia, accompanying
all their Branches thro their whole Progrets. There is alau their primenes thro their whote Progrets. There is al-fo a Browbist Pein, which accompanies the Arrery, and divides into the fame Number of Branches with it: The Arrery brings Blood to the Bronchis, for the Nutrition thereof, and of the Veficles of the Lungs; and the Vein extrics it off again to the Cava, where it from terminates. The Bronchial Arrery is fometimes fingle; but more fre-

The Browthist Artery is tometimes angle; just more un-quently double; fometimes triple NOTHEROLDEL. BRONCHIC-Model: j fee SYKRNOHEROLDEL. BRONCHIC-CELE, a Tumor, with a large round Neck, riding on the Brombial Part of the Trackea, very frequent in the Albs: The Latin; call is Haraia Gatturit. The Word is found from the Greek Myzges, Broachia, Wind-

Word is come in come trees. BYZee, grassical, was-med and the second of the second of the second of the BRONCHIOTMON, or Largosterap, in Chinegape, the Operation of cutting into the Windpipe to prevent sub-forcisting, Sci. in Spartmany. The image performed is the Se-teration of the Second of the Second of the Second of the vector the Annaly, or Kings of the Affects destroy, as In the below the Bottom of the Largost via Section and Integration, and the Middle with the Second of the Sec

тени, Госо.

Recds, &C. when fite is on Carcan, ee on the Grossile, that it is kind of Garving.

EROTHER, a Term of Relation between two Male-Caldene, frame from the fine Existence on Mosher. The Caldene, frame from the fine Existence of Mosher. The Caldene, frame from the Cardene from the

because the was Daughter of his Brother G. Assimistic Measures of the Control of Control of the Control of Control of the Control of Contro

from the fame Mother

their And Festers Uterini, shod who are only deliceated from the Bernard Set of the Rich Cody for Borica extrast BROWNISES, a Religious Sect, which farming out of the Church of Egyptad, research the Glood of the XVIII and the Church of Egyptad, research the Glood of the Church of Egyptad, research the Glood of the Church of Egyptad, research the Windows of the Park of the Church of Egyptad, research the Windows of the Park of the Church of the Ch

SEFARATIST.

BRUMALIA, a Feafi of Bacchus, celebrated among the antieut Rassaus for the frace of 30 Days; commenting on the said of November, and ending the acids of December. The Brumania were infiliated by Rossmitty the left, design file I'lime, to entertain the Senare. The who left, during this I'lime, to entertain the Senare of the Time when the Latinary and the Charles and the Charles and the Charles will have it from Brachen the Latinary and the Charles and the Charle

when the Feaff was held: Others will have it from Eru-mus; or Bromius; Names of Bacchus. BRYONY, the Root of a Plant of the fame kind with the Mechanca: It was formerly in groat Reputation as a Purgative; but has now loft the greatest part thereof; yet

is execustes pretry firengly, formetimes by Vomiding, but bouring People find their Sick hither, that by eating their more frequently by Urine's Whence found Authors recommore frequently by Urine's Whence found and the second of the World is referred to the Garibbes Listmond it, as executive for people of Section 2 and the Section of the World is referred to the Garibbes Listmore trequently by Urine: Whence Iome Authors recom-mend it, as excellent for purifys Serofities; and even as a Specifick in the Droply. M. Bestalan found, by a Chy-mical Analysis, that it conflicted only of faline Principles, without any Refus: Wherein it dishes from Metobascan, which, in other refpects, it made necknobes, the adds, it has more virtue taken in Subflance than in any other man-ton, it BBLE to more to this and other languirees.

ner; which is common to this and other Purgarives.
BUBBLE, in Commerce, a Cart Name, lately given to
a fort of Projects, for the rating of Money on imaginary
Grounds; very frequent in the Years 1720,—11. See

Species.

The pretended Defigo of thefe Undertakings, was to raife a Stock, for the retrieving, fetting on foot, or carrying on form promising and unful. Brank of Trade, Manifedure, Machinery, or the like. In order to which, Proposils were given out, thewing the Advantage of the Defig, and inving Perfons into it. The Sum necediary to carry on Arfair, together with the Profits expected from it, were dividently to the proposition of the Profits of the Pr affair, together with the Froits expected from its Near distribution. Number of Statuts, or Subfrigation, to be particularly by Froits disposed for advenues therein. The contract of the Statut of the Statuts of the S one Shilling to fome Pounds, pay'd thereupon, to the Pro-fits of the Projectors. See Subscription.

fits of the Projectors. See SUBSCRIPTION.
The number of Buildbri, and their qualities, were very live to the projector of Buildbri, and their qualities, were very consistent of the projectors and their Projectors consistent in attent, the Projectors and their Projectors (fore for infurance, found for the digging of Mines, &f., Potherity, doubtled, found for the digging of Mines, &f., Potherity, doubtled, will be furgried to bear of orbits for cleaning the Streets, either for familling Shoot, others for Stockings, others for Familling Shoot, others for Stockings, others for the Manuscanso of Baisted Children, other Phylick, there have the Manuscanso of Baisted Children, others.

for the buying bad Titles, others for the lending of Mo-

for the baying bad Thies, others for the lending of Mo-19 (1988). But the profession of the lending of Mo-19 (1988) and the profession of the lending of the other hadden of more of the Haid, as in raising s, of in its Subheses, upon a vigorous inselhes Communion of its more or left owns, as the Included A in insome or left about, as the control of the lending of the limiter. Far-ed, or more or left open of the lending of the minute. Far-ed, or more or left open of the lending of the minute Par-cises of the Haid, remind either by the Volciny of the Australian of the lending of the limiter of the lending of the lending of the lending of the limiter of the Fuilds, or hugging on their Surface, which form the white Sum went, is off in the limiter which for the white Sum went, is off in the limiter of the limiter which for the lending on the lending on the lending on the Classification of Haids, when one called Breign, or Maid, his other Ma-ria. Fellicitation of the limited Peers, Ed. Vor-cal Zindy's are the Product of Impute Embascies; and fre-centified the lending of the limited of the limited of the Particles of the limited of the limited of the limited of the Particles of the limited of the limited of the limited of Haids, the one called Breign, or Maid, his other Ma-rels. Fellicitation on a Fellicitation Peers, Le Constant of the limited of Haids, when the lending of the limited of the

compaired with a Circle of leveral Concert, us a organ re-Perfilicitist, and generally Morral. The Word comes from the Greek Beier, together, it he ulual Place of fach Tumors. BUBONOCELE, a Tumor arising in the Groin; co-casiond by the Defent of the Epiphoen or Inteflines. Tis

a Species of Hernis or Rupture; the Chirurgeons call it an incomplete one; and is common to Women as well as Men. The Word comes from the Greek Befor, Jegnen, and

The Origin of the Word is referred to the Caribber Biology, who using so cut their Princes of War in pieces, and any, who using so cut their Princes of War in pieces, and will be suffered by the pieces of the pie killers of Buils, and numbers, remean to the English call theirs Cowlierders, or Cow-killers. The Enganeers are of two diffind Professions; the one only bunk for their Stine, the other Boars for their Flesh. The cancer's are of two dumner rotestions; the one cony mans Balls for their Skins, the other Boars for their Flefth. The Art of benteaving, Oexmetin deferibes thus; the Boar be-ing fleat'd, and the Bones flripp'd out; is cut into Piccas of the Length of the Arm and laked, and the next Day half the Length of the Arm and laired, and the next LDN cause on the Boussay 3 which confulls of 20 or 30 Bars laid acrofs, half a Foor from each other: Under this they raife a thick Smook, adding the Skin and Bones of the Boar to heigh-ten it. This is found vailly better than any finiple Fuel; in regard the Volatile Saits of those Parts, are by this means communicated to the Flesh, which give it such a Relish, as that after a little of this boucasing, the nicest Palate will

that after a little of this hearants; the need Palme will car it without further Proposition. BUCCALES GLANDIULE, are Claude disperied on a Spring and the Company of the Company of the Spring and the Markston and Digitallon. See Mevery, BUCCHILARII, a kind of Solders keep by the because the company of the Company of the Company Spring and the Company of the Company of the Expense of their eating; from Basectis, a Diminative of Barron, Month : The being in that Country, when the Expense of their eating; from Basectis, a Diminative of Barron, Month : The being in that Country, which the before and behind him, as it is Garet. There were all before and behind him, as it is Garet. There were all or with the Dampassen, Great of Galaties, who farmful it has soldery with Barron.

903. the EANTHANNIA, Greeks of Galaria, who turns in a the Soldiery with Bread.

The first kind of Buccellarii, according to fome Authors, were Men whom the Emperors employed in putting certain Persons to Death Serveity. The Nomic Glossics interpret remos to Death fecreity. The Nomic Gloffe, interpret the Word Enwey, as allo Statemay Solders or a Ferton retaind in the Service of any one: And the Bofflicht co-plaint in the Jame Sonfe, derring it from Son. Mostle, 'Dread's as figuilying a Ferfan who eat the Bread of ano-ther, on account of his Service. Among the Viligath's, 'Breedlarist was a general Name for all Clients or Vaffils, who level at the Expense of their Lods.

who liv'd at the Expence of their Lords.

BUCCINA, an antient Millierry, or rather Muffical Inframent, used in War. "The usually taken for a kind of Trumpet; which Opinion Fights confirms, by defining it a crooked Horn, platd on like a Trumpet. Figgettim also only the state of ferves, that the Buccins was bent into a Circle; in which is differ'd from a Trumpet, Taba. Varro adds, they

concern the mine of the Armine. Pergetaria also extended to the control of the control of the control of the
transport of the control of the control of the control of the
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transport of the
transpor ing him in their City when no had need a prefem own, granted them feveral Privileges; and made a prefem to the Dege of a Gold Ring, which is the Origin of that yearly cast by the Dege, from the Buccentary, into the carly cast by the Doge, from the Buccentaur, into

pos'd of \$\text{s}^2\$, a Particle of Augmentation, us'd to denote an encounter Greatness, and \$\text{s} \times \times \text{prop}(\text{s}^2)\$. Centaut. \$Juffiniani adds two other Exprologies of this t the first from \$\text{b}_1\$ and \$\text{s} \text{s} \text{prop}(\text{s})\$. Vessels in \$Virgit's The other from \$\text{B}_2\$ incomparity, for \$\text{D}_2\$-containing, a Word forged to figurify a Vestel capable of \$\text{s} \text{s} \text{c} \text{s} \text{s} \text{c} \text{s} \text{c} \t

consistents, a work long to righty a vertice square of holding 200 Men.

BUCEPHALUS, Bullock's Head, from the Greek βss, bos, and κορελε, Head. It was the Cuftom among the Antients to imprefs fome Mark on their Horfes; the most

Aniesten to imperfe fone Mark on their Marfes; the multi-common were at 2, 50gms, at 8, 169-269, and a 30 milest's common were at 2, 50gms, at 16, 169-269, and a 30 milest's tode with a 16, 160-160, and 160-160, of the Buckles wherewith the Anteens agond a tree. Lines, lets. In the Days of corrupt Letin, we frequently find Eucoulse Ciypei, the Buckle of the Buckles. Thomasfind detives it from Buces, Mouth or Throat; because it was usual to have Heads, &C. represented on Bucklers. See

Bucklers on Medals, are either as'd to figalfy publick Vows render'd to the Gods for the Safety of a Prince; or that he is efteem'd the Defender and Protector of his People : Thefe were call'd Votine Bucklers, and were hung at

ples Thefe were cull'd Priver Bucklers, and were hong at Altrus, (dc. Co. Poplicate). There mad for a blad of Altrus, (dc. Co. Poplicate). There mad for a blad of Pacture scitistips to Stephonds, and Fische. Buckletch Desery is the most ancient of all the Khinds of Borrey, and in gra-pacif to have bad its Origin in Solly, available the Mirch pack of the Co. Poplicate in Solly, available the Mirch by Love and Michael. By degrees, their Routh Gollan-tries were brought under Kalts, and became an Art. The Concerns of the Flocks, the Electate of Strates, and the Concerns of the Flocks, the Electate of Strates, and the Allgibian and Binn, were the molt apprecible among the an-ient Electific Flocks. Featuratio desires, that Theories, that Theories Theories of the Co. Poplicate Strates and the class strictlose the Invention of Humanics Flority to a Step-teder cill'd Depthini, and others to Spatisfies, so of Lea-

thes stribute the Invanious of Binoides Feorty on a Shap-berd Cill Depthin; and charten Sentin, Son of Lear-berd Cill Depthin; and charten Sentin, Son of Lear-fer Cill Carlot, and Feore, Indian, Mest a, based Bassan, to found the Gritch Rivard, Indiana, Herdform. In the Cill Carlot, and Feore, Indiana, Herdform. In East, among Carloners, the first Prop of most Station Places, among Carloners, the first Prop of most Station BUFF, in Cammorers, a four of Learney preparal from the Stite of the Depthin, will Beath refembling an Ox-bida. Hart, and a very final Heads, a common composit in the Learner, particularly about Supress, Conferentiarly, Sec.

rought, as we do Oxen.

The Skin of this Animal being drefs'd in Oil, after the manner of Shammy, or Chamers, makes what we call Buff-Skin; antiently much used among the Military Men. 20 off-Skin; antiently much nied among the Military Men, for a kind of Cause or Doubles; and fill retainf by fonce of our Grenadien, as well as the Preach Gendermory, on account of its exceeding Thicheofs and Finnerd, in "Pisal-fo used for Wathe-Belts, Pouches, 65c. This Skin makes a very condidatable Article in the Duglible, French, and Dutch Commerce, at Conflaminophi, Supyran, and the Cause of Africa. Coalts of Africa.

Coatto of Africa.

The Stins of Ells, Oxen, and other like Animals, when defid in Oil, and prepared after the fame manner and for the fame Propose Review demonitance 2x-9f, and animals of Strip and Strip are Coatter of Confidentiale Manufacturies deliting for the Proposetion of table Strip particulary at Coatteril, Proposetion of table Strip particulary at Coatteril, Proposetion of table Strip particularies in coving to the Steer Jahre, and Animals Coattering and Strip an

the Article CHAMOIS.

der the Article Caravoria.

BUFFEI, or BUFFEI, or sasteenty a little Apart-BUFFEI, or BUFFEI, or Stemm by flatte from the Article Caravorian and the Article Caravorian and Caravorian, for the dilpoting China and Ginfa Ware, 6x cellid a Cabbiere. '12n may, properly, a large Table in a Danley Room, call'd also side-bloard, for the Plate, Gild. The Caravorian and Car

BUFFOON, an Adhe in Pierce, or a Mimick, who divers the Pablick by his Pleaffunite; and Pollics. This is repared the Thisse of the Indiane Commission, Some Agreed the Thisse of the Indiane Commission, Some Agreed the Thisse of the Indiane Commission and Pollics, the Control of Pablic, and This Agreement of the Commission of the Commis

theroon, they might make the greater Nole, and fer the People a lunghing People a Unique and People a Unique and People a arians

by the Lambards: It is toppointed to taxen in Some from the BUILDING, Definite during, any Place credied by Art, whether for Convenience, for Religion, or Magnificane. See Bours, Trastar, Trattary, in It Super. in 1 Sparse, in oppoint solder equal, and the Parte differed with Sprimetery. An Irregular Partiallers, is that, or the contarty, whole Iran is not containly within equal or partiale Lines, either Builders and the Contarty, whole Plan is not containly within equal or partiale Lines, either Builders and whole Parts have not any jult Residue to one another in the Elevation. An Inplact Building, and whole Parts have not any jult Residue to one another in the Elevation. An Inplact Building, and when I see to encompleted solds, or configuous to one another in the Elevation. An Inplact Building, any other, or is encompleted solds, when It is excending on the Elevation of the Parts and the Contact of the Parts and the Contact of the Parts and Parts and

Felibien confiders three Kinds of Buildings in Architec-Fibbien conders thee Kinds of Buildings in Architect true; 1. Seared Buildings; 18 and Temples of the Antients, and our Churches and Chappels 2. Publick Buildings; 28 Ballikks, or Courts of Julius, Tombs, Theaten, Am-phitheaten, Triumphal Arches, Gates, Bridges, Aque-duck, 56-2. Palaces, and private Houses: Each of which fee under their proper Heats, Bastene, Grueneff, Mayeri-THEATER, Go.

Busines is also us'd for the confructing or raising of an Edifice; in which Sense ir comprehends, as well the Ex-penses, as the Invention and Execution of the Defign there-

of See Architecture.

of See Architecture.

In Building there are three Things in view, viz. Commodity, Firmneß, and Delight: To attain these Ends, Sir Heary Waters comfacts the whole Subject under two Heads, viz. the Seat or Situation, and the Work. For the Situation, either that of the Whole is to be considered, or that of its Paris,

Matble, Free-flone, Brick, for the Walls, &c. or of Wood, as Firr, Cypreß, Cedar, for Poths and Pillars of upright ufe; Oak, for Beams, Sammers, Crop-work, or for Johnng and Connection. See Stows, Barker, Wood, Tymans, &c. For the Form or Diffootion of a Building, it must class.

For the Form or Dipolation of a Building, it must elther be Simple or Mixed: The fimple Forms are either
Gircular or Angular; and the Circular ones either compleat,
as just Sobres, or deficient, as Ovals.

The circular Form is very commodious, of the greatest
Capacity of any; strong, durable beyond the rest, and very
beautiful; but then it is found of all others the most charge. beautiful; but then it is found of all others the moft charge-shle; much room is loft in the heading of the Walls, when it comes to be divided; befides an ill Diffribution of Light, except from the Centre of the Roof: On these Confide-rations it was, that the Autient only and it in Temples and Amphitheaters, which needed so Comparation. Oval Forms have the fame Inconveniences, without the fame

Forms Jave the finne Inconveniences, without the fame Carveniences; being of left Capterity. For Angular Figures, Sir Witten observes, that Building nation loves amy our few Angules: The Triangle, in a find price and the first and Firmends; as a file, being irrefulvable into any other Regular Figure in the inward Particlose, bedden in our other Regular Figure in the inward Particlose, bedden in our other Regular Figure in the inward Particlose, bedden is now for Figures of a firmen for Particles of Figures, and Figures, bedden in the Particles of Particles of Figures, and Figures, bedden in Captering Figures of Particles pitch'd on, as being a Medium between the two Extremes. Bur again, whether the Rechnigle is to be a juft Square or an Oblong, is diffuted. Sir Henry Wotton prefers the latter, provided the Length don't exceed the Breadth by above one shird.

Mix'd Figures, partly Circular and partly Angular, may be judg'd of from the Rules of the Simple ones 3 only they have this particular Defect, that they offend against Uni-formity. Indeed Uniformity and Variety may seem to be opposite to each other: but Sir H. Wotton observes, they may be reconcil'd; and for an Instance, mentions the Struc-ture of the Human Body where both meet. Thus much

une of the Humin Body where both meet. This much feeth feith grand Divlion, evis the Wiles of a Zhuiding. For the feeth of Bynding of the West of a Zhuiding. For the feetood Divlion, or the Partie of a Palvick, 26p-10jd. Albertic complete for under for Heads yet, the Foundation, Walls, Apertures, Compartitions, and Ower. For the Foundation, to examine it is firmed, Furnish cockers the Ground to be dog up; an apparent Schildry not robe trailed on, unless the whole Mode and thus be found fair is the trailed on the whole Mode and thus be found fair to be trailed on the trailed on the West whole Mode and the Budde limits it to a feath flat of the Height of the Zhuiding. This Sit Herry Westers calls the Numeral Funda-view. ing: This Sir Henry Wotton calls the Natural Foundation, whereon is to fland the Subfunction, or Ground-work, to fupport the Walls, which he calls the Artificial Foundation. on: This then is to be level; its lowest Ledge, or Row of Stone only, close laid with Mortar, and the broader the better; at the least, twice as bread as the Wall; Last-ly, some add, that the Materials below should be laid just as they grew in the Quarry; as fappoing 'em to have the greatest Strength in their natural Posture. De Lorme enforces this, by observing, that the breaking or yeilding of a Stone in this Part, but the Breadth of the Back of a Kmife, will make a Cleft of above half a Foot in the Fabrick above. For Pallification, or piling the Ground-Plot, for much commended by Virtualist, we tay nothing; that being required only in a moitt marfly Ground, which floud never be cholen: Nor perhaps are there any Inflances of this kind, where it was not Necchitry that drove 'em to it. See FOUNDATIO

For the Walls, they are either entire and continued, or incrmitted; and the laternilitons are either Columns or Finiters. Entire, or consimil Walls, are variously diffining guild's; by fone, according on the Quality of the Mate-inguild's; by fone, according on the Quality of the Mate-afect the Fosition of the Materials; as when Brick, or Gaure Steness are laid in their Lengths, with Sides and Healst spetcher, or their Nimos copieds, illee a Nerowork, the Walls thand perpendiculars to the Granudework; the Kiphr Ange, being the Casif of all Sublity; that the unifient and heavied Materials be lowed, as fitter to bear with the Casif of the Casif of all Sublity; that the unifient and heavied Materials be lowed, as fitter to bear with the control of the Casif of all Sublity; that the unifient and heavied Materials be lowed, as fitter to bear with the control of the Casif of the Casif of the Casif of the Casif of Weight and Expense c that creating Couries, or Ledges of more frength than the cell, be intrasta, the Bonce, to fullet the Darket from text it. He Angels be firmly bound, when the being the Nerve of the whole Palacels, and commonly frontify, by the Endians, on termitted ; and the Intermiffions are either Columns or the Angies be hrmly beamd; these being the Nerves of the whole Pabrick, and commonly fortifyd, by the Bullens, on each fide the Corners, even in Brick Bulldings, with figural's stones; which add both Beauty and Strength. See Wart. The Intermiffices, as before observed, are either Co-lumns or Filsten; whereof there are free Orders, viz.

Tuken, Dorie, Ionie, Corinthian, Compafite; each of which fee difficitly confider'd under its respective Head. Columns and Pilakers are frequently, both for Beauty and Majedy, form'd Archwife; the Dockrine of which, fee an-

der Ascn.

For the Apertures, they are either Docs, Windows, Staircafes, Chimneys, or Conduits for the Suillage, &c. which
fee under their Heads, Doos, Winnow, &c. Only with
regard to the laft, it may be observed, that Art flouid
imitate Nature in the figooble Conveyances, and feparate
than foom Stable when a sunning. Ware is warning into

regard to the laft, it may be observed, that Art floudi instance Narues in the lipsoble Conveyances, and feparation instance Narues in the lipsoble Conveyances, and feparate the used remotes, lowed, and thickeft Part of the Fundi-tion with feer Verse, pading up then be Walls, like a Tausted, by the eyes Art year, which the Dadines at commend Art of the eyes are when the Padines at commend For the Compensation, or Distribution of the Groundpels into Apparentials, 95°, Sir H. Pierce lays down their Feel-pare, Pangaly, how exactly fewer for oil in Perfolicity ands lied on a mere Plan, without a Model, or Type of the Paper Dength, bowe exactly fewer for oil in Perfolicity and the on a mere Plan, without a Model, or Type of the Wood, that this Model has a pitte and in advit and of the particular of the Padines of the Padines of the Body of the Padines of the Padines of the Padines of Sile, no prevent the Eye's being import on, and that the larger inhis Model, he better. In the Compentions it fell better and the Padines of the Padines of the Padines of the Ulefalance of the Dalbitution, for Recons of Olice and Entertainment; a Sir as the Capacity thereof, and the confill in a double Analogy or Compfendency first, be-tween the Erres and the Whole, whereby a large Patheir floud her best page Fartitions, Enterces, Doors, Columns, the Patt themselves, with regard to Length, Bendelin, and Height. The Antenna determined the Length of their and their Height by last for the Enals and Length added Height. The Antients determin'd the Length of ther Rooms, that were to be Obiongs, by double their Breadth a and their Height by half their Breadth and Length added and their Height by half their Breadth and Length added together. When the Room was to be pecifiedly Square, they made the Height half as much more as the Breadth's which Rules, the Moderns take occusion to different with a fornecimes fquaring the Breadth, and making the Diagonal thereof the Mealtone of the Height's and Sometimes more. This doviation from the Rules of the Antients, is affirld to

to M. Angelo.

The fecond Confideration in the Compartition, is the Ufefuincs; which confids in the having a fufficient number of Rooms of all Kinds, with their proper Communi-cations, and without Diffraction. Here the chief Difficulty will lie in the Lights and Staircafes. The Antients were ry will like in the Lights and Staircales. The antenns were pertry easy on both those Heads, having generally two cici-iter'd open Coarts, one for the Women's Side, the other for the Men: Thus the Reception of Light into the Body of the Building was easy, which among as must be simply? A cither by the open form of the Building, or by general Refugeror Becks, by terriffing a Story in danger of Dirk-Kehagese Breaks, by terraffing a Story in danger of Dark-nels, and by Abnjous or Sky-1-ghst. For caffing the Stairca-fes, ir may be obleved, that the Intalients frequently dillerbuse the Kitchen, Bake-houfe, Batterry, &c. ander Ground, next above the Foundation, and fometimes level with the Floor of the Cellar; ralling the first alecten lines the Houfe 15 Foot, or more: which, befide the removing of Annoyaness on of the Sight, and gaining to much room above, due, by elevating the Front, add a Majetity to the whole. Indeed, Sir H. Watton observes, that in England the natural Hospitality thereof, won't allow the Buttery to be so far out of fight; besides that, a more luminous Kitchen, and a shorter Diffance between that and the Dining-Room, quir'd, than that Compartition will well bear. In the Dif-tribution of Lodging Rooms, 'its a popular and antient Fault, effectially among the *Italians*, to caft the Partitions fo, as when the Doors are all open, a Man may fee through se whole House; grounded on the Ambition of shewing Stranger all the Furniture at once; an intolerable Hardfhip on all the Chambers, except the Immoft, where none can arrive but thro all the relt, unless the Walls be ex-treme thick for secret Paffages: nor will this serve the Turn, without at least three Doors to each Chamber; a thing inexcusable, except in hot Countries: Besides its being a weakning to the Building, and the Necessity it occasions of making as many common great Rooms as there are Stories, making as many common great Roomas a there are Streets, which devous a great deal of room, better employd in Placets of Retreat 4 and malf likewife be dark, as running through the other Middle of the Houle. In the Comparation, the Archited will have occasion for frequent Shifts 4 throw which sown Sugardity, more than any Rules mult conduct him. Thus be will be frequently put to struggle with Scarcity of Ground 5 formed to the more than the sum of crosses; tometimes to dama one room for the Benefit of the reft, as to hide a Buttery under a Saturack, etc. at other times, to make those the most beautiful which are most in Sight; and to leave the rest, like a Painter, in the Sha-dow, Ec.

For the Covering of the Building; this is the laft in the xecution, but the first in the Intention; for who would

shill, her in Ruder 1 Inche Correings on Reef, here are we actured as the variety of the control build, but to shelter? In the Covering, or Roof, there are

region to that to the Foliage of the Faither in working, and that they has commondated to the Intention of the Room they are aid in 5.00 FAIRTH 1800 FOR Scalpture, it must be observed, that it hear to submit as Galpture, where a Ziurita Chrumera, limiting, or at the Entrance, where a Ziurita Chrumera, limiting, or at the Entrance, where a Ziurita Chrumera, limiting, or at the Entrance, where a Ziurita Chrumera, limiting, or at the Entrance, where a Ziurita Chrumera, limiting, or white State, he not coloured in their Concessive two twikes State, he not coloured in their Concessive two twikes ones, that the Niches, if they centime Faigure of white State, he not coloured in their Concessive two twices of the Concession, the concession of the Concession, the concession of the Con

argent well bruthful 4, whether the principal Emmance be a regular with bruthful 4, whether the principal Emmance of the Windows, as one Eye, S. fit to qual. Nomber and Division of the Solids 4, the Office, like the Veins, officially cance on both Solids 4, the Office, like the Veins, officially cance on both Solids 4, the Office, like the Veins, officially office of the Solids 4, the Office of the Solids 4, the Office of the Office MY, SYMMETRY, &c. Dr. Fuller gives us two or three good Aphorifms in

Building; as,
18, Let not the common Rooms be feveral, nor the feveral Rooms common. i.e. The common Rooms not to be

private or retir'd, as the Hall, Galleries, &c. which are to be open, and the Chambers, &c. retir'd.

2d, A House had better be too little for a Day, than too big for a Year. Houses therefore to be proportion'd to or

has for a Tore. I notes therefore to be proportional to use distributions of the control distribution of the Contr

id over one another: Thus, the Roots of Saffi olchique are call'd bulbous Roots, See Roov. Cachique are cal'd Justions Room. See Room.

The Green beforest, their in Justices Hinns, as well as many Perennial ones, the Root is annually sense "d, or expirit," and present of the Root is annually sense "d, or expirit, so stall, sentialises and indeathly defendes below the Surfices of the Barth; and hiding it fell ritherin, is, both in Nature, Pince, and Oline; changed into a riter Room. Thus, in Brownwort, the List, finking by degrees, becomes the and the next asofteners as way; a facility fixing properties and the next asofteners as way; a facility of the Root of R

Account of a Ferion albeled with a Bulling, informach that he would not up an ordinary Legol Food lar a common Meal, and feed on Son-thilles, UE, car'd by giving up Several Worms, of the Length and Thicknets of a Tobacco-Pipe. The Word comes from the Greek Bir, bes, and Auses, Hanger, as if the Patient had an Appetite fufficient to act at Ox. BULK of a Sbirs, is her whole Content in the Hold, for thowage of Goods. See Baraka-Berk.

nowage or Goods. See Barak-sevil.

Built-Heads, are Partitions made across a Ship, with
Boards of Timber, whereby one Part is divided from another. The Built-Head sfore, is the Partition between the
Fore Catile, and Graling in the Head, and in which are
the Chafe-Ports.

ther. The Bull-Hoad glew, is the Partition between the Fore Calley, and Graing in the Head, and in which are preceded to the Calley in the Head, and in which are preceded to the Head of the Head of

King's Council; if there appear any Reafons for not executing 'om, notice thereof is given to the Pope by a Supplication; and the Bull, by this means, remains without Effect: And the like Method of proceeding with the Court of Rome, is observed by the reft of the Court of Europe. To full mines Bull, is to make the Publication thereof.

of Rame, is oblived by the real of the Gorare of Europe.

To Faintines 2 Whill, its rounke the Publication thereof, by one of the three Communified on whom they are discovered by the control of the Communified on the control of the Communified on the Communifi

and but, Bubble.

inte derivet 2004, Contin.) severew from the Camer 2004, Golden Berts, in a Ordenmance, or Strates, made by the Emporer Chewlor IV. In 1956, find to have been drewn as personal continuous continuous

for first icks, viz. the Archbishops of Memes, Treves, and Co-leone; and four Seculars, viz. the King of Belowing, Prince tine, Duke of Saxony, and Marquis of Brandenburg.

Golden Bulls were in use among the Eastern Emperors is a confiderable Time; Leaden ones being confin'd to

for a confiderance 1 ime; Leaden ones neing common we Marters of smaller moment. Spelman mentions a Golden Bull, in a Treaty of Alliance between our Henry VIII. and Francis I. of France; and there are other Instances and Francis I. of France; and there are other Inflances in Du Cauge and Altaferra.

BULLET, an Iron or Leaden Ball, or Shot, wherewith Fire-Arms are loaded. Bullets are of various Kinds, vice. Red Bullets, made her in a Forge; intended to fer Fire to Places where combuffible Matters are found. Hallow Bul-Places where combatithle Matters are bound. Hollow Blaist, or Shells, made Cylindrical, with an Apertuare and a Fusice at one End, which giving Fire to the Indick, when in the Ground it burds, and has the fame Effect with a Mine. Chain Bullets, which confill of two Bullets, which confill of two Bullets, two by a Chain three or four Foot apart. Branch Bullets, two nome, Comm 2016/17, which could of two Balls, join'd by Oaksin here of two Free spars. Partiest Ballett, we yell of Casin here of two Free spars. Partiest Ballett, we have a support of the partiest Ballett, and the Ballett Ballett, and the Ballett Ballett Ballett, and the Ballett Ballett Ballett, and the Ballett Ballett

try'd and exchanged.
BELLWARK, the fume, in the anticat Fortification,
with a Englise in the Modern; for Baryrow.
BELLWARK, above the Bernstein in Affricat. These
BELLWARK, above the Section of the Sec

Hours, with Darta, Javelina, Scimiters, &c. laying defperately about them, till they fall down on the Ground oppered with Blows: After telting a Moment, they recover their Spirits and walk off. What their Rule is, is not well irits and walk off. What their Rule is, is not but they are faid to be an Order of Religious.

their Spirits and with off. What there range n_1 is now war income 1 he there are full on he an Other of Religions. Income 1 he there are full on he are full on the property of the spirits of the sp

is to tife up the 22me of the Sail, for the better faring is to tife up the 22me of the Sail, for the better faring is BUOT, at San, a piece of Wood or Cork, finentines an empty Cuft well cloud, frimming on the Water, and feiffined by a Gains or Cord to a large Stone, piece of Velfa, Alechon, the Cork of the Cork of

Men who go in the Beat to weigh the Anchor, may certainly how where it lies. Pairs in force Marieta International Pairs in the Period of the Period Pairs in force Marieta International Pairs in the Period Pairs in the Period Pairs in an Organ, a Senging, 45 see Dances. Hence the Burden Grad Stump. The Word comes from the Fench Burden, a Stuff, or a New York of the Period Pairs in the Period Burden, and Stuff, or a many of Bees or Drenes. This is what the Audients early, Pryflewindermones.

men of Been or Denee. This is whet the Antients cally. Performed prize into Content or the Number of Tenestral # a 50%; in a forecastine the Studen of a 5th principle of the Rect, Inches within Bleard, by the Breadth of the Ship, within Bleard, when from the the Been and the Rect and the Re

The Word is form from Store, City, and Gerier, Judge or Contr. LANT, Spilites the robbing in a Hondy in BHLR (1), Spilites the robbing in a Hondy in Hard (1), and the Hard (1

B URN, in a Medicinal Soné, a Suission of the Continuity of a Part of the Body, by the Impredian of The 1 reading of a Part of the Body, by the Impredian of The 1 reading of a Part of the Body, by the Impredian of The 1 reading of the 1 reading

Name of Hee therefives, it yet if a orden. See fix a.

BERNINGS. OF BERNINGS, in our anient Colleges,
was as indicated Diffusing, gas in the Sawa, by converting
call the Forenet's Diffusile, gas in the Sawa, by converting
call the Forenet's Diffusile Vilence that Diffusile is applied
to be much some assistant than the common Expole of the
The chief Oblicities against Barmeric Delight is applied
that the state of the s

matter of irequest Observation, that issue Diletals gove Son that the Records which might have availed for the anitors Broading, may now fold as to the modern Broading, may now fold as to the modern Broading Broading, may now fold as to the modern Broading Control of the Company of the Home Teachers for the Company of the Home Teachers for the Company of the Home Teachers for the Home Teachers and the Company of the Home Teachers and the Company of the Spring when the Home Teachers and the Company of the Spring when the Home Teachers and the Company of the Spring when the Home Teachers and the Company of the Teachers for the Company of the Teachers of the Teachers of the Roberts of the Teachers of the Teacher

by that means their Force and Effed extranely heighbard, to as to hom Objecth placed therein. Burning diagle use of two Kinds, it is full Course, which remains the result of the Course, which remains the Name of Light, and in their lacing exists or incline them to be considered to the contract of the

and REPLECTOR.

The first, or Gorevez kind, Authors inpugic to have been from the first of the f a round terraficient Souce or Olifs, with in lighting of First, as in the Day was swirten on Was. The Girl hier and to leght the First, and melt the Was, M. & Is Hirr observed, the Courtery flows a reclifedt Fister content to the Courtery flows a reclifedt Fister content of the Courtery flows a reclifedt Fister content of the Courtery flows and the Courtery flows a

Breadth does not fabred an Arth of a \$D Degrees 50 that Experience and Demonstrating so people. As the Surface of a Mirror, which is a Segment of a larger, receiver more Kayn than seather of a L6s, if the more of the surface of a L6s, if the more, or left, provided it he pass of the people of th

which as Degeners of a finalle.

Since, laifly, the Farming depends on the Union of the Reyn and the Union of the Reyn and the Union of the Reyn on the Concess Sphericor of the Prepared of Alabelle, eff. coveral with Gold, and the Concess of Alabelle, eff. coveral with Gold, and the Concess of Farming and Concess of Farming and Concess of Farming and Concess of Farming and Production of Farming Affects of Architecture and Products are embour; by one of which, the Almong the Alabelle, when the Concess Affects of Concess, Texture, Galan, See, and by the chees, the Navy of Finisher being-flowers of the Concess of Products and Products of Finishers, and Typichen Strategy, Arrest, as the dot deterated to Finishers, and Typichen Strategy, Arrest, as the Concess of Strategy, and a Taxabolium, and Typichen Strategy, Arrest, and the Concess of Strategy, and a Taxabolium, and Typichen Strategy, and the Typichen Strategy and the Typichen St

cording to Schuttus, hurnt Pieces of Wood, at the Diffance

cording to Schetters, burnt Pieces of Wood, at the Diffunce of 3 or 16 Paces.

M. Afchirmbeau's Mirror, at leaft, equals the former, both in Higness and Effect: The following Things are noted of it in the Afta Ernstiturum.

I. Green Wood takes fire Inflantaneously, so as a strong Wind carn't extinguish it. 2. Water bold immediately, and Eggs in it are paidh it. 2. Wares beld immediately, and Eggs in it are prefeatly edible. 3. A Maximo of 10 and Local, three loches thick, drose prefeatly at he no or Steel Plans becomes reclearly relative than the new of Steel Plans becomes reclearly relative to the relationship as Steenes, Britch, 156. Becomes from reclearly, ille reas. 7. State becomes first where, then so related to the relation that the relation of the relation to the relation of the relation of the relation relation and Shells into a blackfifty yellow one, 7. A Pariser Steene emitted from a Pricken, relate into white Glair 3. Ads. A piece of a Crecible allo virifies in eight Musters. 9. Beces are foot number the one of the Crecible and Steel and Shells, and Earth history. Bones are toon turn'd into an opake Glais, and Earth into a black one. The Breadth of this Mirror is near three Leip-fick Ells, its Focus two Ells diffant from it: It is made of Courser, and its Subfrance is not above double the Thick-

Copper, and in Subthnee is nor above double the Thiesens of the Basic of a Mail. Purs. make a large Mirror Pillors, a French Artifl of Jenfest of the Basic of a Mail.

Fillors, a French Artifl of Jenfest of the Mail of Forting of Pillors, and the Mail of Pillors of the Mail of the Copper, and its Substance is

his Length are three and four Feet; the Feets at the Dif-tance of 12 Feet, and its Diameter an Inch and half. To make the Reout the mere vivid, "its collected a feeted time by a feeted Lens parallel to the first; and placed in that Flace where the Diameter of the Cone of Rays form'd by the first Lens, is equal to the Diameter of the feeted 15 of that it receives the mill 31 and the Feets from an Inch and that it receives em all 3 and the feeus from an Inch and a half, is contralfed into the Space of eight Lines, and its Force increas'd proportionably. In Efficie, among others, as related in the Affa Erwalt. Liftin, are. That it Eghat hard Wood, even moillen'd with Water, into a Flame, in-flantly 1 that Water, in a little Veffel, begins to hed pre-fently 3 all Metals are melted Jirick, Pamics Stone, hantly, that Water, in a little Voffal, begins to bell pre-ferrly; all Meanla are method; Beck. Funite closes, former and the property of the property of the pro-tographe, Woods, and other Matters, translaund into Glish. In a word, every thing apply'd to in Fourt, is e-cholomical flower, and all other Books, Methal search colomical flower, and all other Books, Methal search bett when the Matter apply'd in lad on a hard Goal well bett when the Matter apply in lad on a hard Goal well

rnt. The the Force of the Solar Rays he here found to stupe:

The he Force of the Solar Rays he here found follspec-dous yet the Rays of the Full Mono, collected by the times graving Gift, don't exhibit the jost increase of Host. When the Host is the Host is the Host is the pear of the Host is the Host is the Host is the pear of the graving a piece of ice inso a Stanta, or hills to commend the Host is the Host is the high continuous till the Host is the high continuous till the Host is the Host is the Kee will their ignorate of Dioprice, be fell furgiral to fee Finne, and the Efficia thereof, produced by mean of the Refacillow of Light is a Gild Bobble fill with

of the Refination of Light in a Glaft Bubble fill'd wink Ware, Sec Lieux, but an Artist of Trypties made Jerry-Hights relia whose, by the properties of the Jery-Hights relia whose, by the present and the G. M. Zibierz-bent or Fillers, which the Effichts a tairt equal to say of ren. Tradevist teaches how to make favoring Mirrori of Laff Gold; via by mering a Goosen, higher in Hole Laff Gold; via by mering a Goosen, higher in the Laff Gold; via by mering a Goosen, higher in the Gold, two or three Fingers beaud, futuring or mo, of pool he, by line. He adult, hat very large Mirrors may be made, of to, to, or more Goosen Pitces, artisity joined in a sund whosen Diffu o Statute; phe Efficht on

which will not be much lefe than if the Suefice was did-

asous. Zabnius adds, further, that Norman, an Engineer at

" in fide with Straw glu'd to it; by which all kind of Merals,

Es. were melted. See Minaon. Beastive of Lend, called allo valgarly Desploiring, qualf Develophiring, or Develophiring, as being most nied there: A Method or preparing and tertilizing Lands barron, four, beastly and rathly, for Corn; by paring off the Turf, and drying, and Surving tron the Ground. The time Method allo obtains for Meadows and Falture Ground, mostly, clairey, or

with.

BURNING Manutaint. See VILLAND FIRMHOUSELY. MOUNTAIN, E.C.
BURNISHING, the Action of important or poliffing

BURNISHING, the Alicio of fincothening or polithing BOANISHING, the Alicio of fincothening or polithing. Body, by a violent raishing it with any thing. Thus Bookinsher Journally the Edges of their Bookinsher Journally the Edges of their Bookinsher Journally with a Welf 1 Footh, a Deg 1 Footh, or the bloody Stone, Tippol, a piece of white Wood and Emery. Hence Burnisher, is a read optical piece of Stone, it brings to fine fine for the property as well as to give in a specific piece and the piece of the piece

Deer are faid to burnifb their Heads, when rubbing off a white downy Skin from their Homs against a Tree, they thrust 'em into a reddish Earth, to give 'em a new Colour

thend 'en mies a reddiffi Earth, to give 'en a new Colour and Ladies. BURR, DOCK, is no Hebt, whole breast Laves, Roces, and Soods, are forestiment and in Physics. Berna-Pears, or Bilds Pennyl, a find of Pump So all'st. BERRA-BLS, much Water just Tests.

BURRA-BLS, much Water so be inhibited for the Spines.

Probjutys by whom they are to be inhibited for the Spines.

BURRILLS, and Manter of Cycaptive or things Day as the Spines of the Spines.

BURRILLS, and Manter of Cycaptive or things Day as the Spines.

BURRILLS, and Manter of Cycaptive or things Day as the Spines.

BURRILLS, and Manter of Cycaptive or things Day as the Spines.

BURRILLS, and Manter of Cycaptive or things Day are to the Spines.

BURRILLS, and Manter of Cycaptive or the Market Spines.

BURRILLS, and Manter of Cycaptive or the Market Spines.

BURRALLS, and Manter of Cycaptive or the Market Spines.

BURRALLS, and Market Spines.

BURRALLS, MARKET SPINES, And Market Spines.

BURRALLS, MARKET SPINES, And Market Spines.

BURRALLS, Market Spines motter. These fleigh, an inter-Motion the shall be a seried of the state of the sta 48 Minots a Muid

Du Cange derives the Word from Bufellus, or Buflellus, or Bifellus, a diminutive of Buz, or Buzs, us'd in the corrupt Latin for the fame thing. Others derive it from

an Urn wherein Lors are co

BUSKIN, Cothernes, a kind of Stocking among the Antients, in manner of a little Boot, covering the Foot and Mid-less. and my'd beneath the Knee; very rich and fine, Billish N., Edwarden, is nind of society beings and Micke, and vill beneath the Knot were with an idle on and will principally on the Suepe by the Afform in Trage-Spilester; it was not a "department of the water indifferently on either Leg., it was to thick, as by the wore indifferently on either Leg., it was to thick, as by the the leg of the same than the leg of the leg of the wore in the leg of the le

in Hule 3 yet it is our property called a Bulk that Weed being combined on things in Reitires. The Bulk is the fame being combined to thing in the Bulk that the Bulk Mercury 3 the lange of that God being frequently represented in this manner among the Athenama.

Bury, 1 is all wide, ejecually by the Bury the One Deliver, by the Bury the Bury

chemicine hreight.

Burry, or Burross, in Antiquiry, a Pyramid or Rise of Wood, whereon were sademly placed the Bodies of the Docard, in order to be barn. The Renness borowed the Carlos or Wood with the Bodies of the Docard, in order to be barn. The Renness borowed the Courts of the Renness borowed the Courts, and defidd in his richert Baltis, was hid to the Ballos. He needed Relations lighted it with Teethe's guarant, their Paces from it, to Office. After the Safforn was confined, the Women spointed to coiled the After, ordered ten in an Um, which was deposited in the Tenth. Sons Anthon far it was an experiment of the Tenth. Sons Anthon far it was a constant of the Court was deposited in the Tomb. Some Authors say, it was only call'd Bustum after the burning, quast Bene ustum: before the Burning it was call'd Pyra; during it, Rogus; and afterwards Buftum.

only exil Suplane after the barning, roof Brain offunc-beden the Barning is assall of Yare, adming it, Rogus; a charge is a suplant of the property of the control of the BUSTUARII, a kind of Giodiston, among the antest Raman, who fought souts the Zuffunc, or File of a for-Raman, who fought souts the Zuffunc, or File of a for-tion of the Control of the Control of the Control of the Facility at first way, to furtifice Captives on the Tensh, or at the Bustley of the Decease In the Control of the the Litter of the Decease In the Facility of the Control of the Litterian Code; and reade Blood, vess frag-poid, might lave the fines British. According to Ten-plant, and the Control of the Control of the Control of the Litterian and the Control of the Control Facility with the Control of the Control of Control Facility with the Control of the Control of Control Facility with the Control of the Control of Control Facility with the Control of Control of Control Facility with the Control of Cont

Rame; who is lies theroof invoduced the Mechod of Gl-Money, that Turnships, derives the Ward from Spacerise, of Stances poeute the Eurobre can Meast for the Manifest, that Turnships, derives from Mecan. Landships and the Standard Thus is done find, Accessive from Mecan. Landships and Standard Thus also seem for Mechanical Control of Standard Thus also seem for Standard Thus also seems for Standard Thus also seems for Standard Thus also seems for Standard Thus Standard Thus

A Bust of Currants, is from fifteen to twenty two undred Weight.

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A But of Cumans, is from fifteen to twenty two hundred Weights.

BUTTERS, it is, oncloses Subdance, proposed, or figst-submitted Weight.

BUTTERS, it is, oncloses Subdance, proposed, or figst-subdance, Butter Cheely, and strong or Whyely, See Mixer.

The Word comes from the Greek Brivery, as fapposing it appears to his had any Notion of Butter.

The Word comes from the Greek Brivery as fapposing it appears to his had any Notion of Butter. It is may related to the submitted of its and yet are dispused by the processing of its and yet are dispused by the processing of its and yet are dispused by the processing of its and yet are dispused by the processing of the processin

pays, and undertain the way me but no entertain the An-gels withal: He examines how it was prepared among the Scythians; whence arife its different Colours; teaches how to give it its natural Colour; how to chura it, falt it, keep it, Ge. keep is, &.

Витта, in Chymiltry, is us'd to exprefs feveral Preparations in Chymiltry, as Butter of Antimony, of Arleine, of Wax, of Starra, &c. fo. call'd from their Ferm, Conference, &c. See Astronovy, Assante, Wax, &c. See Dull't OCK of y Sofr; is not full Breadth right after BUTTOCK of y Sofr; is not full Breadth right after BUTTOCK of y Sofr; is not full Breadth right after on names at the Transon, fire is fail to have a twost or names at the Transon, fire is fail to have a twost or

narrow Buttock.

form the Jet spread, per la new merchant pipel internation of the Jet spread, per la tild to be the a bread or nature at the Transform, fine is tild to be the a bread or nature at the Transform, fine is tild to be the a bread or nature at the Transform, fine is tild to be the a bread or sill the too finallite to each a Definption. The Matter whereof Butters are made in various 3 at Ment, \$10, Mohait, \$65. the Matter of the Matter, and Matter of making 3 and the Matter, and Matter of making 1 Beddies their claim in the Matter of the Matter, and Matter of making 1 Beddies their claim in Fater, or Lever of Gold, Sirver, and Beddie falled claim in Fater, or Lever of Gold, Sirver, and Beddie falled claim in Fater, or Lever of Gold, Sirver, and Beddie falled claim in Fater, or Lever of Gold, Sirver, and Beddie falled the Matter, and Matter of Matter

RITT (137) RYL

Afon

vents, its flattening, and preferves its Buffe or Defign. Or-dinarily, indeed, they content themselves to cover the na-ked Mould with the Shell; and in this Cafe, for the fai-rening, país a Thread or Gut acrofs thro the middle of the Mould.

Mould.

BUTTRESS, a kind of Busment built archwife; or a Mals
of Stone or Brick, ferring to prop or support the Sides of
a Building, Wall, &c. on the Outside, where it is either
very high, or has any confiderable Load to suffain on the
other fide, as a Bank of Earth, &c. The Theory and

other fide, as a Bank of Earth, &c. the Incory and Rules of Ruttrelles, are one of the Deliderate in Architechure. BUTTRESS, or BUTTRES, is likewife a Tool, that Far-riers make use of to pierce the Sole of an Horse's Foot.

which is overgrown; to pare the Hoof; to fit the Shor,

BT-LAWS, or BILAWS, Orders risde in Court-Lexes, Court-Barross, Efc. by common Coeffen, for the Good of these thosp referrise them, and which extend further than the Pathlock Law Islands, in Statistical, by they are call? Leves of Pathlock Law Islands, in Statistical Court Co BY-LAWS, or BILAWS, Orders made in Court-Locts.

CAB

THE third Letter of the Alphabet; form'd, Greeks, by retrenching the Stem or right Line: Others derive it from the 2 of the Line: Others derive it from the 2 Caph fam. From allowing only for this, the effect, the thinks, in effect, the thinks, in effect, the thinks, in the thinks, in the thinks, in effect, the sum of the thinks of the thinks, in the length of the thinks, in the thinks, the from probable. P. Allowingtons, in the Fallengaphia, gives as some Forms of the Greek K, which come very must that or or G, thinks for full the thinks, it is a final thinks, in the probable. P. Allowingtons, in the Fallengaphia, gives as some Forms of the Greek K, which come very must that or or G, thinks for full the Cap the thinks of the sum of the Greek K, which come very must that or or G, thinks for full thanks. C is All Salder claim the G. of our C_3 this, for Inflance, C_1 : And Suides calls the C_2 , the Roman Kepfele. All Germmerians agence, that the Romens protounced g like our c_2 and e like our k. F. Market in the Roman Suides and c like our c_3 and e like our k. F. Moreovier is Name with a C_2 whereas, all bis Predoctifies of the fame Name worse it with a K: The time Difference is

obferv'd in their Coins C was a Numeral Letter among the Romans, fignifying an hundred : according to the Veric,

Non plus quam centum C litera fertur babere.

Non piu quatu ceitum Cutere jerure cusere.
Some add, that a Dalft over it, made it figniffy an hundred thouland i but it wou'd be hard to find an Inflance thereof among the Antients. In Proper Names, C. was ui'd for Gains; as, C. Gefar, &c. Their Lawyers wi'd it faired for Galies and Conglish, &c. dombe, C.C., for Confillians. C was all 6 wi'd in their Cutes, as a Letter of Condemnation, and Bood for condemnes; in opposition to A, which fignify'd abfalvo. See A.

In Musick, a Capital C denotes the highest Part in a thorough Bata.

thorough Bis.

CABBALA, or CABALA, or KABBALA, a Term
and in various Senses, which Authors generally confound,
it is originally Hebres, 1722 Kabbasis; a gap, properly,
signifies Tradition: whence the Verb 727 Kibbst, to receive by Tradition, or from Father to Son; especially in
the Chalder and Rabbinical Hebres. Hence Cabbasis is primarily used for a Sentiment, Opinion, or Explication of Scripture; or a Custom or Practice transmitted from Fa-

their to Sin.

At to the Criging of the Cabbada: The Few believe, that
God gave to Mode's on Mount Sinsi, not only the Law, but
also the Explaination of that Law, the
Cabbada of the Cabbada of the Cabbada
the Cabb latily the People, as many as pleas'd: To all which, Mo-is again repeated both the Law and Explanation, as he receiv'd'em from God. So that Aarsa heard it four times, received em from God. So that Aurus heard it four times, his Sons thrice, the Elders twice, and the People once. Now, of the two Things which Apples taught 'em, the Lows, and the Explanation, only the first was committed Lows, and the Explanation, only the first was committed to Writing, which is what we have in Endeals, Lorising and Armshery: As to the found, or the Explanation of Momey, to such it this Gibblers as the first they call fingly the Low, or the Privine Lower jet to their Gibblers and Armsher and Control of the Collection of the Collectio

CAC

thas Juphici was Clern's Maller; Jüphicia, Bersham's; Refried, Ilane's; Peleit, Jean's; Galried, Jüphich Marterna, Jühicis, Abatheha, Jünic, Gish, imanili, Abatheha, Jünic, Gish, imanili, Grantin, and Galried, Jüphich Marterna, Juhicis, Abatheha, Jünic, Gish, imanili, are little cile but the feveral Interpretations and Decilions of the Rabbies on the Laws of Julic, some are Applicad; conditions of the Rabbies on the Laws of Julic, some are Applicad; conditions of the Rabbies on the Laws of Julic, some are Applicad; conditions of the Rabbies on the Laws of Julic, some are Applicad; conditions of the Rabbies on the Laws of Laws, there is the Laws of Laws, the Charles, and the Laws of Laws of the Laws of Laws of

v.g. רומות the first Word of Genefit, for הומות הובות הומות הוא בראשות ברוצע שנדים ביל ביל על הוא בראשות הוא הוא בראשות בראשות הוא בראשות ב time. See NOTABLEON

The third kind, call'd Themura, q.d. elanging, confifts in the changing and transpoing the Letters of a Word; which is done various Ways: I. By feparating 'cm; and thus, o.g. from Brefebit, t.e. in Principle, they make thus, v. 2. from Breifelit, k. c. in Proteiph, they make Pers-ciri, i. c. peljut Fandimurum 3 juli as in playing with Wood, we idencime fepocate Simon sim, Ferminan, verm in a different manner has, from som, Ferminan, cent in a different manner has, from the firme Wood Breig-cirit, they make another Signification, * in Tripri; and boosale him is taken from the first Wood in the Hillitory of the Crestion of the World, they thence conclude, the World was created on the first Days of the Month of Tripli-wall was created on the first Days of the Month of Tripliwere was received in the an Indian Indian in Fabrica and Indian I bet of as Letters, into two Parts, and taking the first of either of their for the first of the other, the Icotod for the focund, Etc. by this means, of Tables, an unknown Namo memoral of inflinet, they form Renals, the Namo of a King of Iffset. Another manner of changing the Letters, is by taking the Alphabet two ways, first in the common way, then backwards, and changing mentally the two first Let-ers, then the two focusd, Etc. By this means, of Majo

the Hearts of those who rise against me, they make the the Chaldeans; and thence conclude, that those God here fpake of are Chaldeans. These two last Kinds are also fpake of are Chaldeaux. Thefe two laft Kinds are also call'd pyry Affectation, Combination. The Cabballe hitherto spoke of, may be call'd Speculo-tive Cabballs; in opposition to the following, which may be call'd Particul Cabballs.

be call'd Profilired Calabidate.

CARRACA, is also taken for the Uffic or mitter falsafe,
which Magisten make of one Engineer,
Markey Carrack, and of the Engineer, Numbers, Letters,
Charran, E's acid in Magis, stalls in the Hemotecla Science,
are comprised under this Species of Calabidate. But it only
the Chriffians are call it by this Numer, outsettions or the
Provide Carbette. 1 For the Numer, outsettions or the
Provide Carbette. 1 For the Numer of the Word Calabidate.

bals in any facts Sonfe, but ever with the utmolt Refrect and Vectoration. "Tis not, however, the Magie of the Free alone which we call Gabbias, but the Worth and Free alone which we call Gabbias, but the Worth and Free alone which we call Gabbias, but the Worth and the Charlest Company of the Charlest Charlest and the Abbe de Filters takes it, in his Counte de Gabbias; where he expose the reliabloss Secrets of the Secred Cabbias, as the Charlest Cabbias, the Charlest Charlest and Company of the Charlest Charlest Charlest and Company of the Charlest Charlest Charlest Charlest who the Seaf Soldmane; a that they benoved their Charlest the Art of concreting with the Inhabitants of the All. See Solvano. Air. Sec Symbol

Air. See Symbol.

CREMILL, or CARBALLIEVE, is also and to expects that
Sect among the Feets, which follows and practities the Gabbuttle 50 interpert Scripture according to the Art of Catbuttle, taken in the focund Sende above laid down. The
Feets are divided into two general Sects 4 the Karaties,
who relief to receive either Tradition, or the Thalmad, or any thing but the pure Text of Scripture. See Caraltes.
And the Rabbinits or Thainmulits; who, befide this, receive the Traditions, and follow the Thainmulit; see Thatceive the Traditions, and follow the Triatuna's for Trati-stern. And trick fatter are again divided into two orders Sechs; pare Rubbingth, who explain the Striperer in its narrell Sechs; for Commune, Thiory, and Tradition, which they furgiede Gold to have could'd therein, make use of the Cabbida; and the myllical Rules and Methods showmen-tical. There are Vificanties among the Srees, who be-lieve that y Idon. Griff wought his Minacles by vittee of the Mylteries of the Cabbida. Some Learned Mon are of Optimes, that "Phylicageses and Prior Learned the Cabbida"s. Opinion, that Pythogores and Plato learn d the Gabbalific Art of the Jews in Egypt; and fancy they fee evident Footleps thereof in their Philosophy: Others, on the contrary, fay, it was the Philosophy of Pythogorest and Plato, that firft familh'd the Jews with the Gabbala. Be this as it will, 'tis certain that in the firft Ages of the Be this as it will, 'ds certain that in the half Ages of the Church, moff of the Hereticks gave into the vain Notions of the Cabbata: Particularly the Geoffict, Valentinians, and Bafflideans. Hence arofe the ABPAMAZ, and the multitude of Thillmans, wherewith the Cabiners of the Virtual Cabiner

tinde of Thilmans, wherewith the Cabinets of the Vir-und are flockd. See Tattsmans, Ec.

The Word Cabballa is not only applyd to the whole Art y but also to each Operation performed according to the Rules of that Art. R. Jac. ben Abber, firman'd Bust Hatturius, has compil'd molf of the Cabbala's invented on the Books of Molfs before his Time.

of Mofes before his 1 me.

CABINET, the most retird Place in the finest Apartment of a Building; fet apart for Writing, Studying, or preferving any thing very percleus. A composet Apartment conflits of an Hall, Authenamber, Chamber, and Cabiner; with a Gallery on one fide. See Aranvasany. Hence a Cabiner of Paintings, of Cutiofities, Mofaic Cabiner, Cabiner, Cabiner of Paintings, of Cutiofities, Mofaic Cabiner, Ca

Californ of Fluintings, of Cardinice, Monitae Californs, Californica, Californica,

die "e Sert." When a Perfin had committed any Marder, he Galvier seew him in Afgliam. Mergins is very particular in the Proof of each of their debrus, and ye of Hengy, ferring to held Silving from a ri Andrey, to now Vedfah in large Rivert, Ge. The Torm is ferrections and gapping or the Consign stuff for risk andrey Louds, by means of Cranot, Whoch, and other like Engines : Tho, in frield-node, Gelle in one applyed to Nepee of this than three Inches of the Consign stuff or risk multip Louds, by the Consign stuff of Louds and the Consign stuff of the Consign stuff of the Engines : Tho, in frield-node, Gelle in one applyed to Nepee of this than three Inches of Louds and the Consign stuff of the

Every Came, of whatever I mixines it be, is compored of three Honeleying each However of three Errent's cach Strand of three Toylling seath I will of a certain Narrent's each Twill of a certain Narrent's each of Coburn; or Threads of Rope-Yam, more or left, as the Cabbe is to be thicker of finaller.

To make a Cobbe a rate froming the Strands, as in the Article of ROPEMARING, they first pash between the Strands whereof the Hawfers are compared to the Cabbe and the Cabbe of the Hawfers are com-

pos'd; and afterwards between the Hawfers whereof the Cable is compos'd; that the one and the other may turn the bester, and be intertwisted the more regularly together. And to prevent any entangling, a Weight is hung at the End of each Hawfer and Strand. The Cable heing twiffed as much as needs, is untwifted again three or four Turn

and or each relayer on mortal. In the deep length with the relay with better retain its figure.

The number of Threads each kind of Cable is no be composed of, in ever proported of in Level pand at Thickentig.

The sumber of Little and the composition of the c that is, let it more out from the Ship; that the Boat which carries the Author may the more called, drop is into the Soa: And Sametimes they fay, Poy cloud; the Called, that Soa: And Sametimes they fay, Poy cloud; the Called, that Soa: And Sametimes Called, that is, the rows out. When two Every Mexicant Vella, that is, the rows out. When two Every Mexicant Vella, boat mind lever, has three Called as efficied together, it is called a Start of a Called Called, and the Called Ca

Sec FATI The Word Cable, comes from the Hebrew Chebel, Cord, Du Cange derives it from the Anabic, Habi, Card, or ka-bala, omeire. Menage, from Capulum, or Cabulum; a nd-that from the Greek sequence or the Latin, Camelius. CABLED-FLUTES, in Architecture, fuch Flutes as are

CABLED FLUTES, in Architecture, facto Rimes asset and ultimate process in some of dader, See Terrissoc. Set of the process of the set of the se

ring which is done by a horizontal Lines heldes that, in a structure from the East hand Caddings. Sec Courseas, our attention from the East hand Caddings. Sec Courseas, which of Nava about the State of a moderate Almond, the Seed or Trail of a Tree of the farm Name, promoting hexance is that the Caddings of the Caddings of the Caddings and the Admittal thanks. The material section of the Caddings and the Caddin

of, for Concentra,
This precious Aimond, the Stemierste make to confident
This precious Aimond, the Stemierste make to confident
for Aimond, from a Gupte Carden of Carde, a
we Kinds of Genery is the most common which is like
we Kinds of Genery is the most common which is like
round: The other, call'd Variation, to within one or only, and
round is The other, call'd Variation, to the great and lattle
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Habita of Symplif Real; or 6:1 Sterling. See Cursu.

Habita of Symplif Real; or 6:1 Sterling. See Cursu.

Habita of Sterling and Rody; a therein, the Nutrition is departed throughout the whole Hilbs; a case: Interpose the sterling worths a Plany's and economyst of with a structure, the Contenting Plant of the Sterling of Fifteen's former than the Contenting Plant of the Sterling of Fifteen's former than the Contenting Plant of the Sterling of Fifteen's former than the Contenting Plant of the Sterling of Fifteen's former than the Contenting Plant of the Sterling of the Ste

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above mention'd.

Be it Earth, Gum, or Composition, Caclous is of much effects in Modicine: Among other Effects attributed to it, 'its fuposid to stop a Cough, and foreify the Stomach'; befice is severeting and perfect, when taken in an impalpable Pouder, mix'd with Gum Traga-

carch.

CAOOCHYMIA, a depeaved Habit of Body, confifting
in its being repiete with ill Hamon, from various Carle's,
for Cacterna, be when the Replection is morely with Bodo,
the call of Methers for the many carrier of the carrier of the Carle of the Ca

Julice. Seo Pertitiona.

CACOPHONT, in Grammar, the mension of the the mension of the theorem of the mension of the theorem of the mension of the theorem of the theorem of the mension of the additionated the comes from the Greek mean, and part, Voice.

CADARIANS, a Sect of Medicalization, who attribute the Aktions of them to them alone, and not to any force.

Power determining the Will; contrary to the reft of the

Mullulmen, who are fluid Predeflinarians. The Author Magainen, who are trick Triestingrids. The Author of this Sect, was Masked ben Kalid-Al Gubni. The Word comes from the Arabic Trp, Kadara, Power. Ben Aus calls the Cadarians. the May, or Manuchees of the Mulful-

cuits the Catherium, the Melly, or Monoclear of the Multiple-GCADPs, a Cog. Cath, or Barrel a, will in the Back of Restriction, and the Catherium of the Catherium of the Catherium of the Catherium of the Catherium to Edde of Herrings, in a Well continuing the Quantity of the Herrings, and of Syman 2000. See Mixanana. In a Society of a certain Number of Muscle (Notes, in a certain laterial, which fifthers the Err agrouthy, and effectably ethylogistic or the Catherium of the Catherium of the laterial which fifthers the Err agrouthy, and effectably ethylogistic or the Catherium of the Catherium of the ethylogistic or the Catherium of the Catherium of the ethylogistic or the Catherium of the Catherium of the formetime culf4 the attendant Catherium in the Catherium of the Catherium of the Catherium of the Catherium of the Catherium and the Catherium of the October of the Catherium of the Catherium of the October of the Catherium of the Paris of the Catherium of the

felt or 'marriell'. Ny priest the factor, in their wild, in confident was Notes, fining factor of both or by Dipperso capital of a cach of the two Parts; bit call perfect, because it insistes the Ear better than to other. The Calenton is imparted, when the priest cache is the perfect of the priest of the priest of the priest of the State of

Mediate as when he we Fara they a the Fifth, without similing the Calent, and the set of the Fifth and the Calenter. By the Fifth and the Calenter The Calenter when a Ref. is when that they is the Calenter The Calenter without a Reft, is when that they is the Calenter The Calenter without a Reft, is when that they is the Calenter The Calenter without a Reft, is when that they is the Calenter The Calenter without a Reft, is when that they is the Calenter The Calenter are always to preceded by a deadle cone. The Calenter are always to be received by a deadle cone. The Calenter are always to be executionally decirated in the Calenter are always to be a calenter of the Calenter are always to be a calenter of the Calenter are always to be a calenter of the Calenter are always to be a calenter of the Calenter and the Calenter of the Calenter and the Calenter of the Calenter well to be Channel we see that are stronger to be accommodi-decing, fally a College being the 11st of the Concilion of a pince of Harmony proper to terminate either the Whole, or a liver, Some Mackins cell 1 (Solide College) that Carasacca, in Singling, see the firms with Points and Virguis' in Dilocone. The Singling Mallaries by, the Ca-village of the College of the College of the College of the Carasacca, in Singling, see the firms with Points and Virguis' in Dilocone. The Singling Mallaries by, the Ca-delicane. When the Voice is barth, the two Notes where-of the College on this pinch of the College of the College on the College two Fingers on the two Single that make the Shake.

CAPENCE in Dancing, when the Steps follow the Notes and Measures of the Music.

CADENCE, in the Manage, the equal Measure and Time a Horfe is to keep in his Motions, Airs, &c.

CADENCE, in Oratory, when the Sounds and agreeable

CADENCE, in Poetry, a certain Measure of Verse, varying as the Kinds of Verse vary; differing, v.g. in Sapphies, from what it is in Horoics or Iambics. See METRE,

Dankstrit, Gr.

CADETS, the younger Bereben of a Family: a Term astemistic in our Language from the French. At The ris, among the Clarican, Florida, the Relation of the According to the Carlon of Spain, one of the Cadets, in great Families, take the Moder's Nums. See Barrystan. Caners, are also a kind of young Volunteers, who extends the thing of the Cadets of the

Cades

Cadets in each Company. In 1682, the King of France establish'd Companies of Cadets, wherein the young Gentry were train'd up to War.

current a Completies of Leaft, whereas the young Gerchi Caude, and John J., Same gives not be judges of Civil Caude, among the Twirt and Astrocut. The Term, however, is workneiny relativist to the judges of Cities, the control of the property of the H. S. who descended on the Apolitics in the Day of Pen-

record.

CADMIA, in Fiarrancy, a Mineral, whereof there are con Kinds, via. Naturel and Artificial: the Naturel Code are con Kinds, via. Naturel and Artificial: the Naturel Code are con Kinds, via. Naturel and Artificial: the Naturel Code are considered and the Naturel Code are considered as a constant of the Naturel Code and the Naturel Code are considered as a constant of the Naturel Code and the Naturel Code are considered as a code and the Naturel Code and the Naturel Code are code as a code and the Naturel Code and the Naturel Code are code as a code and the Naturel Code and Code an

Cadma is deficcative and deterfive, us'd in molft flink-ing Ulcers; which by means hereof are brought to clea-trice. The Betrytis and Placetis, are also very good in Difeases of the Eyes.

Diffects of the Fysics.

Diffects of the Fysics.

All Parks, Stand of Regligons among the Adubusestam. Their Founder was Adubal Cadria, agent Fallodgher Stand. Their Founder was Adubal Cadria, agent Fallodgher They irve in Common, and in a kind of Menalleria, which, however, they are allowed to quit, if they recarded the Common, and the stand of the Founder, and the standard of the Founder, and carrying inclinate field, intelligence of the Names of God's One of their Names plays till the Third Common of the Standard of the Standard

with two Serpents. The Poots attribute wondrows Viruses on the Cadhecaria; as that of through Feople into a Sleep, or the Cadhecaria; as that of through Feople into a Sleep, supported the Poots and the Additional as a Symbol of Peace. It was allowed by the Anderson as a Symbol of Peace. It was a Symbol of Peace and the Cadhecaria of Cardinal Peace, Cadhecaria, Cadhecaria, Feople is that Concended was Annuage the Researcy, those who denounced Wast Annuage the Researcy, those who denounced Wast School and Cadhecaria (Cadhecaria Peace). Events the Peace is the Pool who were to dominated Peace, Cadhecaria (Cadhecaria Peace).

were call'd Feetate's and those who went to demand Feace, Cadacestors'; because they bore a Cadacestor in their Had. The Cadacestor's found on Micdals, is a common Symbol, fig-nifying good Candedt, Peetec, and Proferriy. The Rod expectics Power, the two Serpents Prudence, and the two Wings Diligence.

CADUCUS MORBUS, in Medicine; fee Erilersy.

Wing Discover.

Wing Discover.

CACCIM, or mire Concess, Including or Bind-Science, CaCCIM, or mire Concess, Including or Bind-Science, as the first of the great Gans. It is four or five Kingers Cacciming Control of the C

mals, which are naturally book, have either no Caesson at all, or very little 3 as the Yalpa, Lebinus Terrefirm, Gulla, C. Nature's End, in thus providing for the Figuration of the Exercments, he takes to be, first, to prevent Diarness; Secondly, to abide Hunger the better 5 (thus it is that Smalls, in Winter, cell with full Intellines;) Lettly, to the Dispirition and Ferrencatation in the Somach and fmall Guts.

and final Gen.

Dr. Adigrove gives us an Account, in the Philiphylical Transfelling, of the Genus of a Dog being cut out, with our say Prigolite or the Admand. Mosfit gives as a social way being to the Admand. Mosfit gives as a social way to the Admand. Mosfit gives as social way to the Admand there Chopmes of a thing pay. If the Admand the Admand there Chopmes of a thin, pays the Admand the A

ing this to be the Caram of the Antiens, which they tim-gine to be the thick globous Fare, for the Colon, immedia-ately appended to the Islam 3 and therefore give this Fare the Name of Appendient Formaffering, See Inversystant, CAG, or KLG, is Barrel, or Veille, containing from CAMACAM, Extension 2, Digitally in the Ormans Empire. There are confiantly there Commensus; one con-flantly strending the Grand Spignier, somher the Grand Visier, and a third redding constantly as Confidentingle, in quality of Corrector, who contained that is 70 billy, again exquality of Governor y who examines Affairs of Policy, and re-gulates 'em in great medium.' The Commount that at-tends the Visite, only officiates when at a diffance from the Grand Signor, his Fandlion ecasing, when the Visiter is with the Sultan. The Common of the Visiter is his 56-cretary of Stare, and the first Minister or his Consell. The Word is composed of the two detable Word, Casta matching, the who holds the Place, or dichtarges the Fundtion of ano-hom who holds the Place, or dichtarges the Fundtion of ano-

creating of States, and the first Minister of this Council. I as Word's accompted of the two decks (Coun meetings and the Council Coun

CAL (141) CAL

CALLYBAYA, A Military Order, infinition in 11 (8), 19, 25 studied III, King of Cuffillion, on the followings Oceafion: The Morring gains and the thirt. City Castlerens, and the Marry gains on stands the Intellic Structures, and the address gains of the Structures of the Castlerens, which was a following the Castlerens of the Royal Castlerens, and the Castlerens of the King. He obtained it; and he must and Diging are thermoleves in it; being glowed by a grant and Diging are thermoleves in the Castlerens of the City castlerens, and the summary of that's who go lead the not of Zead, for the Discourance of the City castlerens; and then under a Habit to the Castlerens of the City castlerens. The first Gender was the Kills of the Order of Castlerens. The first Gender confirmed by Military III, in 11 (2), and the City confirmed by Military III, in 11 (2), and the City confirmed by Military III, in 11 (2), and the City Confirmed by Military III, in 11 (2), and the City Castlerens. was the KUR OF the Longe of Letterbure.

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CALCANTHUM, is Vitriol Rubify'd. Some maintain Calcanthum and Colombar to be the fame Thing: but Ps-

CALCANTHUM, is Virtici Rabify'd. Some maintain Cattentium and Galcabarro to the time I'lling is bue 'productive in the Calcabarro to the time I'lling is bue 'produced in the Calcabarro to the time I'lling is bue 'produced in the Calcabarro to the

Fire, of Wood, Coals, or other Facl, rais'd to a certain Hear, according to the Nature of the Substance to be cast-Mear, according to the Nature of the Subditates to be col-cient. Decental Colestantes, in the proceed by posential File, cite, by Waten, Denge, Er., which have, as it were, the large of File, as a Benng Waten, Commits Spittin, Ex-cury, and Std. Ammoniae. See Coats. Siver with common Sail and Alkail Sid. See Saix-rax. Copper with Saix and Sailphur; I ben with Std. Ammoniae and Vinegar; The with Tall sid., Judicial Commits and Commits and Common Sailphur; I ben with Std. Ammoniae and Vinegar; The with Tall sid., Judicial Sid. See Saix-rax. Copper with Saix and alone, without any other large-distance, sides with Jud-aloce, without any other large-distance, sides with Jud-ca to hing over basing Waten, or other Liques, till they Douber.

CALCULATION, the Act of computing feveral Sums,

and WATCH-WORK

and WATCH-WORE, CALCULUS, in Medicine, the Difease of the Stone in the Bladder, or Kidneys; See STONE, LITHOTOMY, E.C. In the Bladder 'tis usually call'd Lithiasis; and in the Kidin the bindger its authory can be Literages; and in the Assembles Reported; which fee. The Term is pure Latin, and figuilies, literally, a little Pebble, or Flint. Whence also, the Term Calculation. See Calculation. CALCULUS, or Methodus Differentishis, in Mathema-ticks, is a Method of differencing Quantities, or of finding an infinitely finall Quantity, which being taken infinite times, finall be equal to a given Quantity, or, 28 others, define it, the Arithmetic of infinitely small Differences between withhic Quantities.

Detween variable Quantities.

The Foundation, then, of this Calculus, is an infinitely imall Quantity, or an Infinitelimal, which is a Portion of a finall Quantity, or an Infinitefinal, which is a Portion of a Quantity, incorporable to the Quantity of roth is left than any affignable one, and therefore accounted as nothing, the Error accepting by omitting it being left than any affignable one, i.e. left than nothing. Hence two Quantities, only differing by an Infinitefinal, are equal. The better to con-ceive the Nature of an Infinitefinal, improfit that in meaceive the Nature of an Infinitedinal, imposit, that in mea-fairing the Height of a Mountain, while you are looking thro the Sights, the Wind blows off the finallest Grain of Daft; the Height of the Mountain is, then, less by the Dis-meter of the Daft than before: But as the Mountain is till ound the same Height, whether the Dust be there or not found the firme Height, whether the Daff be there or not, in Dismeter has nothing to do in the preferr Cafe, and paffes for nothing, i.e. is infinitely finall. Thu, in Afthonomy, the Dismeter of the Earth is an Infinitefinal, in refiged of the Diffuser of the Fix'd Stras. And the fame holds in abstract Quantities. The Name Infinitelimal, holds in abstract Quantities. The Name Infinitesimal, therefore, is merely respective, and involves a Relation to

therefore, is mercy respective, and involves a Relation to another Quantity; not any real En; or Being. Now Infinitefimals are call'd Differential, or differential Quantities, when they are confider'd as the Differences of Children, when the per commerce as one purchases of the fine plane as the momentary forcement of Quantities, etc., et a. Line generated by the Flux of a Foliar, etc., e two Ousnities. Sir Hage Norman colls 'con Fineignes condx is a positive Quantity, if x continually increase; negative ir Angreele

if it decrease.

The English with Sir Islan Newton, instead of d x, write z, (with a Dot over it) for d y, y, &c. which Foreigners object against, on account of that Consiston of Points, which they imagine arises, when Differentials are again different d y brides, that the Printens are more apt to overslow a Point than a Letter.

to overflook a Point than a Letter. Stable Quantition being always expreh'd by the first Letters of the Alphabet da = a, db = a, dc = a; wherefore d(x + y - a) = dx + dy, and d(x - y + a) dx - dy. So that the Differencing of Quantities is easily perform'd, by

To difference an exponential Reantity: There is nothing required but to reduce the exponential Quantities to Logarithmic east; which done, the differencing is manual as in Legerithmic Quantities: Thus, toppole the Differential of the Exponential Quantity x y required, let

See Evro

sil = sThen will $y/x = t_3$ 1xydx:x=d3:3

3lxdy + 3ydx : x = d3y=1 $x \cdot l \times d y + y \times d x = d z.$

Lanti, Die Ad y + y x x x = d y. See Extonerion Calcium, Landing and Calcium, Landing and Calcium, Landing and Calcium, Landing and Differential Quantities 1, t., from a Differential Quantities 1, t., from a Differential Quantity for the Calcium the Calcium and the Calc

That is,

To integrate, or firm up a Differential Quantity. 'Tis demonstrated, first, that $\int dx = x$: fecondly, $\int (dx + dy)$

If the Differential Quantity to be integrated, don't come under any of thefe Formula's, it must either be reduc'd to an integrable Finite; or an infinite Series, each of whose

Integrable Finite 3 or an infinite Series, each of whole Terms may be insurable 41, that, as in the Analyte of El-aires, any Quantity may be raid to any algore of Fower; but, the early has been considered out of any element of the entire of

attain to a perfect Integration. Catterist Calculut, is the fame CALOUND. Literist, or Literist Calculut, is the fame with Specious Brithmetic; is called, from its using the Letters of the Allphabet, in contra-difficition to Nameral Arithmetic, which uses Figures. In the Literist Catculut, given Quantities are expected by the first Letters, $ab \circ ab$, and Quantities buggles by the last ay x, bc. Equal Quantities are denoted by the last ay x, bc. Equal Quantities are denoted by the fame Letters.

titles are denoted by the lame Lecters.

CALCULUS SIIII, is a new kind of Calculus, propos'd by
M. Leibnirs, built on the Confideration of the Situation of
Quantities, no of their Magnitudes, as in the roft. This
Calculus he makes the Foundation of a new Analyfis, which

he calls Analyfis Situs.

he calls Angolft Sun:

CALERATION, a School Term for the Adion of
CALERATION, a School Term for the Adion of
Flive in besting a Body * it is at' particularly in Filhidophy
and Plumary, a where Calefaffine is diffiningfulf of more
Callers in the first being applyd, where the thing is only
heard without boling. Soc Co-row.
CALENDAN, a Distribution of Time, accommodated
ing the Cofer of Pays, a Pable, or Almanack, containing
the Cofer of Pays, a Pable, or Almanack, containing
the Cofer of Pays, a Pable, or Almanack, containing
the Cofer of Pays, a Pathon, a Pathon,
paining throughout the Year. Soc Thus, *Lam, Mooren;
Law, Moore, Markey, Cale.

illi use bound a says, "as So Trats, Trans, Morris, Trans, Morris, Trans, Comm. Colondor, which continues fill in siq, owner. The found Colondor, which continues fill in siq, owner. The found Colondor, which continues fill the law of the People under his too feveral Pedois, for the sip of the People under his too feveral Pedois, for the sip of the People under his too feveral Pedois, for the sip of the People under his too for War than et Arrowson, be only divided at "Natural Colondor of War than et Arrowson, be only divided at "Natural Colondor of War than et Arrowson, be only the first of which the people under the first of Section 100 cm. Ill. Celebrate was selected his dependent with the Markov of the People with the fedoral for the Natural Section 100 cm. In International Colondor of the People with the depth of the People with the depth of the two post international colondor in the section of a 20 per, which he depth of the two post internations of the Origin, which he depth of the two post internations of the Origin, which he depth of the two post internations of the Origin, which he depth of the two post internations of the Origin of the Colondor of the Origin of th

which Month, thus interpoid, he call'd Mercadening, we he interestate Pheirary. But held Interestation begins ill oblevel day the Fastifit, to whom Nume committed 'un, which Calefa,' a sourceip Pontifit, factoward to removing. To this End he made choice of Stiggmar, a celebrated fine the Calefa of the Calefa of Stiggmar, a celebrated fining of Time in the Calefa of Stiggmar, a celebrated fining of Time in the Calefa of Stiggmar, and the Calefa of the San. Accordingly, as the San's yearly Casari, is often so that the Calefa of the San Accordingly, as the San's yearly Casari, is one of the San. Accordingly, as the San's yearly Casari, is one of the San. Accordingly, as the San's yearly Casari, is one of the San's Accordingly, as the San's yearly Casari, is one of the San's Accordingly, as the San's yearly Casari, is one of the San's Accordingly, as the San's yearly Casari, is one of the San's Accordingly the San's yearly Casari, is one of the San's Accordingly the San's years of the San's Accordingly the San's years of the San's Accordingly the San's years of the San's Accordingly the San's San' which Month, thus interpos'd, he call'd Mercedonius, or

out that Youry for that it confilled of 15 Months, or asy Days, This Redomenta was made in the Your of Rause. Days, This Redomenta was made in the Your of Rause. The Rause, call'd allo the Julium Chimadra, from its Redoment Julium, in dispoil time Quidentiand Periods, whereof the three fifth Years, which the call'd Consumer, readed to the Hulen, which the first Consumer, readed on the fith Hunen, which the first rate make 2 Days, of forcewhat left : for in 15.2 Years, an Intercality Day's to be rememble. On this secount it was, that Prop. for the Prop. of th

the Spillar Ners. See Gourns Number: In this Geldrache, the Automat Engines is Suppoid to be find a the 1st Day of March's (see Engessees) and the Cycle of 19 Carrs, or the Goldon Numbers, consistings, the Cycle of 19 Carrs, or the Goldon Autometric, and the both are cromoons. See Cycrat. And heace and a very great Irregularity in the Time of Engels get European To these this Error the more apparently Jet us apply it to the preferst vers in this Year, then, the Vermal Equinos fails on the coth of Morre's, and therefore comes no early by 17 Days. The Edith P fall Monta Bills on the tyric for

falls on the toth of Moreky, and therefore comes now carry by 17 Days. The Petch Fall Mone falls on the rio for 18 Days. The Petch Fall Mone fall on the rio Cycle, by three Days. Learn for like, with regions to the Cycle, by three Days. Learn for like, with regions of the Cycle of the Petch Fall Cycle of the Cycle of the Cycle of Cycle of the Cycle of the Cycle of Cycle of the Cycle of Cycle of the Cycle of the Cycle of the Cycle of Cycle of Cycle of the Cycle of the Cycle of Cycle of Cycle of Cycle of Cycle of the Cycle of Cycle of Cycle of Cycle of Cycle of the Cycle of Cycle of

Exact. The tateman, however, we made, and the other Protestan State of the North; with and, and the other Protestan State of the North; with a foreign and the state of the North All Moon, and the Time of English; difficult when the North Moon, and the Time of English; with the North All Moon, and the Time of English; with the North Moon, and the Time of English; and the North All Moon, a

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Pichal; yet not fo accounted by the Gregorism. On
the other band, the Gregorism account the Full Moon of the
and of Marrie, the Takkal's which yet, falling before the
Carlot of Marries, the Takkal's yething, etc., falling before the
is collested in an Irregular Munth; in the Inters, there
are two Effert in the filme Eccleditalic Yaze. In list
matter, the Cyclical Computation is founded an moss Full
form the Cyclical Computation is founded at moss Full
form Horn. The Falshi Full Moon may, also, fall on destanday, which is yet referred by the Cycle to Sanday:
Whence, in the full Cost, Juffer in before the Costal
form Horn. The Falshi Full Moon, with the Freez and Squariadesirant Meterities, cournary on the Decree of the Cossall
deviation Meterities, cournary on the Decree of the Cossall
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es Calendar.

Reformed, or Correlled Calendar; that which fetting
afide all Apparetus of Golden Numbers, Epsels, and Doande all Apparatus of Golden Numbers, Epaths, and Dominical Letters, determines the Equinox, with the Pathal Full Moon, and the Moveable Feath depending thereon, by Aftronomical Computation, according to the Radelphine Tables.

Tables. This Calender was introduced among the Prosefunt States of Germany, in the Year 1700; when 17 Days were at 7500. February bab due 18 Days; By this mean, the Corelled State agrees with the Gregories. This Alexandon is produced to the Calender State States and the Calender States of the Calender States of the Calender State States of the Calender State States of the Calender States one Intercularion

sing at longith more decurately determined by Understand-tion and the property of the fine more convenient in the contract of a Charactan, or dismand in the con-tractant of the contract of the contract of the con-tractant of the contract of the contract of the con-tractant of the Dominical Licities, such by means thereof, dilut-tors, or take the more Liphomerical, see flow, and Mone. I find the Dominical Licities, and by means thereof, dilut-tors, or the contract of the contract of the contract Moveshib Feeth. See Exercis. 4. Add the Immoveable add the San's and Mono's Frace, with the Riding and Ser-ting of exth. Lummary; the Leopth of Day and Night; in the proper Pieses, the chief Phade of the Mono. See Frastan. The San's Barmane into the Cardinal Fallier; a and the Serting, depositly Relieval; of the Francis and chief Field State. Means for each whereof, will be found. The Duraction of the Configulity of the Rid of the Fre-lage. Be Roboting of the Moning T-willing is a good the with the transferrid from the Calactator for our Fall of the Ferning. The Configulity of Taylor of San the Con-line of the Configulity of Taylor of San the Con-line of the Configulity of Taylor of San the Con-line of the Configulity of Taylor of San the Con-line of the Configulity of Taylor of San the Con-line of the Configulity of Taylor of San the Con-line of the Configulity of Taylor of San the Con-line of the Configulity of Taylor of San the Con-line of the Configurity of Taylor of San the Con-line of the Configurity of Taylor of San the Con-traction of the Configurity of Taylor of San the Con-traction of the Configurity of Taylor of San the Con-traction of the Configurity of Taylor of San the Con-traction of the Configurity of Taylor of San the Con-traction of the Configurity of Taylor of San the Con-traction of the Configurity of Taylor of San the Con-traction of the Con-traction of the Configurity of Taylor of San the Con-traction of the Configurity of Taylor of San the Con-traction of the Con-tractio

each Month.

CALENDAR, is also un'd for the Catalogue, or Fessia, antiently kept in each Church, of the Saints; both universal, and those particularly honour'd in each Church; with their Bilhops, Matryrs, Sc.

There are fill form of these Catendars extent particularly honour in the Catendars extent particularly services.

mer hallow, Maryen, Ge.

Inter Sallow, Maryen, Ge.

Goldscher canner particularly a very anticute one of the Charle of Ream, and
bloot the middle of the I'Vib Century; comprehending alwho the middle of the I'Vib Century; comprehending alwho the comprehending of the Charle of the Charle
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agrees with that of the Charle, published by Gondored.
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3 Miles; sad their of England, before the Reformation, have nothing in 'ven her what is found in those of the color have nothing in 'ven her what is found in those of the color and the color of the satisfant Marriagolie; I for each Count had in personal color of the castion Marriagolie; I for each Count had in the satisfant Marriagolie; I for each Count had in the satisfant Marriagolie; I for each Count had in the satisfant Marriagolie; I for each for the form of the Count Color of the Count Colo

were rectoral backwards, or in a emograde Order: Thus, or, the first of hap being the Galine of Mey, the Mill, or yich the April, was the Frisit Galindsrum, or fectoral of April, was the Frisit Galindsrum, or fectoral of Mey the April, or before the Calends of Mey, the shot of April, the third of the Calends of Mey to the Southern or Western or Mey the Calends of April, See Nouxis, and Isras. The Rakes of Companion by Calends, are included in the following Vericis.

a die 1000 mg. vone.

Prima Dies Menfis esiptyne eft diela Calenda: 5 m Mejus Nonas, Oliober, Julius, E Mars;
Quatum as reliqui: Dabis lous qualibes Octo.

Lade Dies reliquos somos die effe Calendas;
Quas retro unuseraus dices a Menfe fequente.

Again First numerous states a Menje Jepanette.
To find the Day of the Calinad we are in, the bow many
Days there are yet remaining of the Month, and to that
Number and two to. For Example, fargote in the aid of
Agril is then the toth of the Calinat of May. For
manints 3, to which two being added, the Sam is re.
The Word comes from the Latin Calinat, to call, preclaim a
became on the Days of the Calinat, or find the Month, the
Toutiff, with a load Voice, proclaimly the Day whereon the
Name were two is whiche on the filled reventib Day of the

Nones were no be, whether eachefifth of revent Day of the Month: Or states, because originarily the interior Pentils Paul it in change to wands when the New Moon Month of the House Confere, apparently from the Greek assas, store. The Confere, apparently from the Greek assas, store. The Confere, the Conference of the Pentils, were dedicated to Jame. On the Conference of the Conference of

Any of effects, exceed them of felds:

The Ramas Whites themfelves are at a lofs for the Rection of this heliand and whimfast manner of computing the Days of the Month y ve is full flag vely in the Rection of Lourning, research of the Rection of Lourning, preferred to the common, more natural, and early manner. See Years, Darry, Nouxis, 10xx.

GALENTURE, is an inflammatory lever, frequent at Sec., attended with a Belliman, wherein the Fattent insection, and the Rection of the Recti fion'd Horace to call them Triftes.

of the Houfe, from one common Fornace.

CALIDUM Investors, or Innate Heat; a Term the Anti-CALIDUM Menatum, or lanast: Heat; a Term the Antienth and many super. Notions show: I or Geometrial Resifosing has taught as to affire a more diffield lides betwo:

For its heave set lanes, that this instruct Hear is an ormore

by its chrustianty Motion, effectivility in the Arteries; wherein, ledge properfile form a decalar Badi, towards the Ayes
of an boldom Cone, with a Force begun in the Heart, it
menes with a should Refilience; on a against the Side of orthe

menes with a should Refilience; on a against the Side of our of

the America, and against the perceeding Blood. For whereas the Blood contains in it Parts that are fixed to excite

at the Blood contains in it Parts that are fixed to excite Heat, whenever they can get at liberty; that is, if the Parts inclosing them can be get afunder: and whereas the Parts inclosing such Corputeles cannot be got asunder, un-less by some Niss of the Parts of Blood with one another, ich is fom Nilin of the Paris of Blood with one strotter, whereby the American and Alentino of the cohering brackets is produced in follows, but the United Wile by many the Paris will be for many the Paris and the Paris among our cancher is increased. And with the fame Refiliances, (that a, the Selfons of the American Increased Niling of the Heart, and critical Marin of the Blood, the Nilss and American of the Paris Milling of the Blood, the Nilss and American of the Paris Aller Selfons of the Paris and Paris and American of the Paris Aller Selfons of the Nilss and American of the Paris Aller Selfons of the Nilss and American of the Paris Aller Selfons of the Nilss and American of the Paris Aller Selfons of the Nilss and American of the Paris Aller Selfons of the Nilss and American of the Paris Aller Selfons of the Nilss and American of the Paris Aller Selfons of the Nilss and American Mills and Nilss and Nilss and American of the Nilss and American of the Nilss and American of the Nilss and American Mills and Nilss and Nils at the Refiliance or Re-action is nor alter d, which it will not be at the fine difface from the Heart; then the Heat of the Blood will not be altered, under by an Alteration of the Impease, or Velocity imprefed upon the Blood from the Heart be equal, there can be no change in the Heart of the Blood, but from a divertify'd Refifiance, or Re-acof the Bood, but from a diverthy'd Reditiance, or Rediction of the Attention and active filling and the Redit tance of the proceeding Blood. But the Redit tance of the proceeding Blood is proportional to the Distance from the Heart; of for the nearer the Bood is to the Heart, for much the greater with let 12 Quantity between any given Place and the Extremity of the Arnery). And therefore the Rediffunce of the Arneries will all be to much therefore the Robblince of the Anzele will all be for much better the most of the region of the region of the form of the region of the region of the region of the city; and the Velocity of the Blood is general as the leaft Dilitates from the Heart. Hence the Read of the Blood Dilitates from the Heart. Hence the Read of the Blood the Dilitates when the would be the region of the the Dilitates; that it, if in two Ferfans the Velocity be as three, and the Dilitates wheneve acould determine the Elect, be as much more in one as in another; that it, where the region of the region of the region of the three that it, the Heast of the first will be double that of the found. If the Dilitates of the first he as two, and three, and the Velocity has the Dilitates of the found there, and the Velocity has the Dilitates of the first heart we, and three, and the Velocity as one; the Heat of the first will be as eight, and of the second as three; and so the Heat of the first, will be more than double the Heat of the se-

of the nat, will be more than double the most was according to the natural properties. The control of the natural properties of the natural properti

late by 1 whole Dy'n 183 Years.

In the World State of the World State S

Pyrogini oberves, it is, that the Imperent and Sorvesige Pontill's were call'd Caliphy, as being God's Victor and Licentenans contrary to the more popular Opidon, that California of Ca o Greek wing.

CALIX, in Botany, is apply'd to a Flower, whose Body, or even a Part of it, is form d in manner of a Cup or Chalce;

or even a Fart of 11, 18 form'd in manner of a Cup or Chalase's as the Cap or Body of a Tailip, 15c.

CALIX is more particularly si'd for that ourward green. The Over which encompatific and defends the Foliage, or Leaves of a Flower. See FLOWER. The Calix is former times of one entire Fleen 2, as in Filts, 15c. and in forme bruke itso feveral, as in Rofes, 15c. The Calix is allocated Portainstimm. See FRANKHYEM.

Saffron has no Calin; its Flower comes out of the Earth before its Leaves. See Sappron.

before in Leavez. See Sarpron.

CALLYINGs. Name given to those among the Lintherent, who follow the Sentement of George Calarus, a
colaborated Driven, who copied the Optimizen of Se. Angulcelebrated Driven, who copied the Optimizen of Se. Angulcelebrated Driven, who copied the Optimizen of Se. Angulmanianish, that there is in all Men a Cortain Power of the
definitioning and Willings; with Named Knowledge funish
over: And that a good the being made of theft, God will
give us all the Alexan necessary to carrier at the Pertotion of the Cortain Calarus (Calarus). The Cortain Calarus
Colleges of the Cortain Calarus
Colleges of the Colleges o

tion to which Revelation direcks 'em.

ZALENTHS, as laid a Term, apply'd by the Romanifft of CALENTHS, as laid a Term, apply'd by the Romanifft of CALENTHS, as laid a Term, apply the Romanifft of Romanifer of Laik, and driving in Oakam, or forewhat of that kind into the Romanifer of Romanif

CALL, (in Hunting) is a Leffon blown upon the Horn, to comfort the Hounds. Amongst Fowlers, Galls are artificial Pipes, made to catch several forts of Birds, by imitating their Notes.

CALLENDER, or CALANDER, a Machine ut'in ris Mandicheus, for septing certain Colors, Stuff of Silts. Manufacture, for septing certain Colors, Stuff of Silts. And the service of the servic CALLENDER, or CALANDER, a Machine us'd in the

times to or e. "Lendad Frend." The six Weight start gives the Patifs, and that mates the Warts on the Sumi inter the Rollen, by means of a shallow indemtine or Basis about the Rollen, by means of a shallow indemtine or Basis by inclining the Machine. The Word come from the Latin Gilladen 3; an expend the whole Ricks of the Name of 1 them that of Britte Blad, Week of Come from the Latin Gilladen 3; and the Rollend of the Agreement between the Fauthern of the Call. In Expend of the Agreement between the Fauthern of the Call. In Expenditure of the Expenditure of the Agreement between the Fauthern of the Call. In Expenditure of the Agreement where the State of the Agreement where the Agreement whe

Piece of Artillery, or any other Fire-Arm; or the Diameter of the Mouth of a Cannon, &c. or of the Ball it carries. Hence,

CALLIFER, or CALLIFER-Compaging, is a Rule or Infra-ment, wherein a Right Line is fo divided, as that the first Fart being equal to the Diameter of an ison or Leaden Ball of one Pound Weight, the other Farts are to the first, as the Diameters or Ball of two, there, four, Efs. Pounds, are to the Diameter of a Ball of one Pound. The Cultiper is will by Engineers, from the Weight of the Ball

routh, are the planeter of a fail of one Found. The given point of the planeter of a fail of one Found. The given point of the given, to determine in Diameter, or Geliger or cuite owing. The Californ (Tab. Bernfaction, Fig. 1) omitted for one thin pieces of Benf, for thank nearly pind by a Street. End of the Foce is out circuit; and one half of in Circumsterned divided into cryst all Deg. On the other Half and the pind of the half of the pind of the content of the Semicirch, will, among the the Foliance et for delifyer, in letters and forth Fars. The Degree on the Head, force to take the Quantity of a Algory the Method of which a between 1 find a far and the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of a Algory the Method of which a between 1 find a find of a Algory the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a between 1 find a find of the pind of the Method of which a find of the pind of the Method of which a find of the pind of the

Jordonia, gree the Ladgere of that Josepher Section Jordonia, gree the Ladgere of that Josepher Section 1. The Degree or to bris the Galagere to nake the Quantity of an Angie it the Mitchel of which is devious. If the Assembly of the Josepher Section 1 is the Section 1 in the S

See Callus.

lostics. See Callus.

CALLUS, a kind of Nodus, or Ligature, which joins the
Extremities of a firstur'd Bone. The Formation of a Calkits may be as follows. The Juice that feeds the Bone, his may be as follows. The Juice that feeds the Bone, running along its Fibres, becomes extravalated in the Fince where those Fibres are broke: So that flooping, and ga-thering together round the Extremities of the Frakture, it there dries, knits, and hardens, to a Confidence like a flrong Gloss, leaving only a little inequality in the Pince where it is form'd.

where it is formd.

Callus's frequently grow fo firm as to supply the Place of Bones. In the Phil. Translat. we have an Inflance of a Callus supplying the Place of the Os Homestry; a when one, upon its being Carlous, by Mr. Frener; and another of a Callus's supplying the Place of the Os Fenneris; and the Perion as throng as ever; and walking without any Lamencia. by Mr. Sherman.

CALLUS, is also a hard dense Knob, or Substance, rising on the Hands, Feet, Sc. by much Friction and Pressure against hard Bodies.

sajaith hard Bodies.
CALOGERS, or CALOTERS, Meeks,
Or Religious, in Greee, both Maie and Fermale, inhabelor Religious, in Greee, both Maie and Fermale, inhabelor all the Charcheo of the East. They follow the Raise
of St. Eagli, and make Vows like the Wettern Religious.
Three has opere been any Reform among 'em, but they
thill retain their original fullituation, keep their fromes Hating. Go. to a Vinne. Taxvariar otherwo, they live a very

a good old Man. CALOMEL, in Pharmacy, the Name ordinarily given Dulcis. It rather forms to have first to Mercurent Zhalizi. It rather forms to have first his-wo-de to the Æthiopse Mineral; from sankt, patient, iting and plant, niger, black for that white or pale Bedies subble deswith, become black. But forme will have it given to heave the substantial of the substantial of the patient of the substantial of the substantial of the mill, who emply, how the Authority of a winning of Up-nill, who emply, how the Authority of a winning of the mill, who emply, how the Authority of the winning of the substantial of the substantial of the substantial of the mill, who emply how the Authority of the winning of the substantial of the substantial of the substantial of the mill, who emply how the Authority of the substantial of the mill, and the substantial of the substantial substantial of the substantial of the

black. See MERCUREUR DUCCES.

CALOTTE, in Architecture, a round Cavity or Depreffure, in form of a Cup, or Cap, lathed and plaifler'd; usd to diminish the Rife or Elevation of a moderate Chapel, Cabiner, Alcove, Sc. which, without fuch an Expedient, wou'd be too high for other pieces of the Apartment.

It takes its Name from It takes its Name from

CALOTYR, a Cap or Coif of Hair, Satin, or other

Stuff; ufcd first for Necessary, but now become an Eccloinstitical Ornament, in Prance, Sec. It was first were by

Cardinal Richites: The red Calatre is the Badge of a Car-

Soulf, and find the Needling, but now become, in Faciliarial Chromosom, in France, &c. It was first the confidence of th

Ardens improves vastly on the Lift; making 'em no less than one thousand four hundred. taan one thousand tour hundred.

CALVITTES, in Medicine, Biddocis, or a falling off of the.
Halt, without being able to grow again; the Moitture of
the Head, which should feed it, being dryd up by fome
Difeace, by old Age, or by immoderate ule of Pouder. See

HALLS.

CALS, Hierally Spating, Thous, yet a Sidne bernat, or calcird in a Kin for that Purpole, to be set 2 in the making
cird in a Kin to that Purpole, to be set 2 in the making
CALS, in Crybing, and the Calcing of the Calcing of the Calcing
CALS, in Crybing, to a kind of Africe, or fine friends
Pauder, which remains of Meeth, Minerals, 45c. after rivey
have another the Volcace of 2 live for a length fine; so all
is what remains of a Body after Calcination. See Cascirsarrons. God a set of Biller, after the Sale and the Calcing
as a may be again recovered for their deconference of the
in politicing calcing Mirrors, 45c. Calcing 47 graph, is called Arguing
staffum. See Æx verven. Calc of Lend, is called Caruft,
Calcing C Diaphoreticum.

Dielevericium.

CANAEU, a Sones, whereon are Good verious PiCANAEU, a Sones, whereon are Good verious PiCANAEU, a Sones, whereon are Good verious PiCANAEU, a Sones, whereon piLe faind of Loph Natures, fo a no califer PiSunes where

a kind of Loph Natures, fo a no califer PiCanaeu

Sones, a Chrys, Sandens, and Again, whereon the Lapidariet employ their Art to aid Nature, and perfect thole

Reprefentations. The Word concess from Canaechina, a

Name the Orientia give to the Opsy, when they find, in

peopleting it, asother Colours a wis though day, a frome

proprieting it, asother Colours a wis though day, a from

Stries. CAMMINE is allo us'd for a Fainting, wherein there is only one Colura; and where the Lights and Shadows are managed on a Color of Anner Grossel. When the Crossel of the Color of t

from the Greek supus, forei because Bas-Reitero's are study experted, breeched per Religios, founded by St. Rossnati, in 1829, in the horrible Defeate of Causaléir ji finanza in the State of Florence, on the Apominier. Their Bassaria is the State of Florence, and the Apominier of Causaléir ji finanza in the State of Florence, and the Apominier of Causaléir ji finanza in the State of Landson and the Causaléir ji finanza in the State of Landson and Landson and

ground on a piace, where neither her Att nor Fore-part do touch it; and from many other Resions taken from her Make) they lay, 5the is Gauber-keeled. CAMELEON, in Natural Hilfory, a little Animal, fi-mous among Antient and Modern Writers, for a Faculty, it is fuppord't to have, of changing its Colour, and affurning those of the Objects near it.

whole of the Objects near it.

The Camelan, or Consulteen, is of the Linzard Kind, only in Heal is femovahar begger than the common Lincard Kind, only in Heal is femovahar begger than the common Lincard Camelan Cam is without any Neck, as in Fishes: It has two little Aper-tures in the Head, that ferve for Nothrils; it has no Ears, tures in the Head, that terve for Notiria; it has no Ears, nor does it either make or receive any Sound. Its Eyes are big, and verfatile this or that way, without moving the Head; ordinarily, it turns one of em quite the contrary way to the other. The Tongue is half the Length of the Animal; confiding of a white Field, round as far as the They which is flat and hollong a forewhat like an Elephane's Probedity, or Tunk's and accordingly, fome call it a Primet. Probedity, or Tunk's and accordingly, fome call it a Primet. This it can dure out very simbly, and down but signs, the second of the

cm, and comagling cm In its Frobekis : Some lay, the Troughest styll with a phrimonal Marter, which the Fills Transpare to the wine phrimonal Marter, which the Fills Transpare to the phrimonal Marter of the Marte wards would vanish. M. Perratif observes somewhat size this of the Parts Cantelons you. At the upon handling and filtring it, it would appear speckled, or slaind with dark spoot, bendering on green. He adds, that warping it is in a Lione Cloth, for two or three Minutes, it would be not a thought on the continuity to: Nor did it takes the Colour of any tho nece confinently to: Nor did it takes the Colour of any though the way wrapped in. So that what Theophrafita and the Colour of the Col

the closure of any other Smit it was warpen, and, and the Colours from the property of the control and all the Colours from the property of the control and the Colours from the property of the control and the Colours from the property of the property of

oods y onc, when the Creditire is in tail Vigour, may have as he terms if, revisious Syccusif; that is, the Bifect of Mirrors, and reflect the Coions, or Bodies adjacent. These Hypothesis are all deficient enough, and there is in come for a new one of our own; The Cometen, then, is repredented to as as nexceedingly lean filosop shimilar is produced to as as nexceedingly lean filosop shimilar produced that the Intian call it a living Skin. M. Per-poul observes, of that which he difficted in the King's is forther than the management of the control of th

ing its Liver on a rea and, more in the living, and fleep'd in That its Right Eye, torn our while living, and fleep'd in Goar's Milk, took away Pearls in the Eye; that its Tongue

CAMELOT, or CAMLET, a Staff, fornetness of Wood, founcines Silk, and fornetners Hair, effectally that of Gears, with Wood or Silk; in forne, the Warp is Silk and Wood twidted together, and the Wood Hair. England, France, Holdand, and Farser, are the chief Places of this Manufacture; Brusell exceeds on all in the Beauty and Quality of this Camelors: Those of England are reputed the formal

the Econd.

Figured CAMPLOYS, are those of one Colour, whereon are thamp'd virious Figures, Flowers, Foliages, &c. by means of hot Iron, which are a kind of Moules, pass'd, together with the Staff, under a Fred. These are chiefly brought from Amient and Planders: the Commerce of these, was articulty much more confiderable than at prefins.

Water Cametors, those which, after weaving, receive a certain Preparation with Water; and are afterwards pass'd under a hot Prefs, which gives 'em a Smoothnefs and Luftre. Waved CAMELOYS, are those whereon Waves are im-pres'd, as on Tabbies, by means of a Callendar, under which they are past'd and repast'd several times. See Cau-

LENDAR. LENDAR.

The Manefacturers, &c. of Comelets, are to take care they don't acquire any falle or needless. Plains, it being almost impossible to get 'em our again: This is noccessus, even to a Proved's, thus we say, a Perion is the Comiler, be

but afeite his Platin.

Menoge deriven he Word from Zambelet, a Lemantier Tem for Smith, mude with n fine Hair of a Torolife Gent Tem for Smith, mude with n fine Hair of a Torolife Gent Learning, from Cetals, Sie-Gasen, Son Chen, all in Capture, from Cetals, Sie-Gasen, Son Central, in Capture, from Cetals, Sie-Gasen, Sie-Gasen, Sie-Gasen, Sie-Gasen, Sie-Gasen, Francis, from Cetals, Sie-Gasen, Sie-Gasen, Francis, from Cetals, Sie-Gasen, Sie-Gasen,

ect. See Artificial Eve.

The first Invention of the Gamera Obstara, is ascrib'd

to Bap. Porta. The Ult of the CAMERA Outern a is manifold. It forces The Upe of the CAMBRA USSCHRA is manifold: it serves to very good Purpofes in explaining the Nature of Vilon 3 and hence it is that fome call it the Artificial Eye. It affords very diverting Spechacles; both by exhibiting Images perfeely like their Objects, and each cloth'd with their nafecily like their Objects, and each cloth'd with their na-tive Colours; and by experiing, at the fame time all, their Morions: which latter, no other Art can imitate. By means of this Inframent, effecially the third Contrivance under mention'd, a Perfou unacquainted with Deligning, will be able to delineate Objects to the last accuracy and just-neis; and another well wered in Painting, will find many

Things herein to perfect his Art.

The Theory of the Camera Osserra, is contain'd in

The Theory of the Camera Obscera, is contain a in the following Proposition.

If an Object A.B., (Tab. Opicky, Fig. 16.) redirect thro-a final Aperture C, upon a white Wail opposite thereo-and the Piace of Radiation behind the Aperture b.Ca bedark : the Image of the Object will be painted on the Wall, in an inverted Situatio

in an inverted Situation.

**Densort, For the Aperture C being very finally, the Raya Hilling from the Point B, will fall on by those from the Point B, will fall on the Point B, will fall on the Point B, will fall on the Point B, will be the B, will be the Point B, will be the B, w

Object will of necessity be inwerted. Corollary. Since the Angles at D and \$a\$ are Right, and the Vertical once at C are Equal; \$B\$ and \$b\$, and \$A\$ and \$a\$, will be also Equal; \$c\$ neight of the Corollary, if the Wall, whereon the Object is delineated, be parallel no it, \$ab : AB :: 4G C: DC. That it, the Height of the Image will be to the Height of the Object; \$a\$ the Diffuse of the Object from the Apertuan, it or an Enhance of the Image from the fame.

Confirmation of a Camera Orscura, wherein the Ima-ges of External Objects shall be represented diffinely, and in their genuine Colorus at her represented diffinely, and ges of External Objects man be represented armostly, in their genuine Colours, either in an inverted, or an excel Struation.

1. Darken a Chamber, one of whole Windows looks into a Place for with various Objects; leaving only the Appendix of the Appendix looks into a Place fet with various Origens; asswing only one little Apperture open in the Window. In this Apperture is a Lens, either Planoconvex, or Convex on both Sides; to be a Partino of a large Sphere. 3. At a due Diffance, to be determin'd by Experience, specad a Paper.

iy ii abor a Wenna with Child, ande her Delivery field, a shalor Goth, ander there he a white Well for the That is right law removed all four p the rim Tail dropp of persons and the Confer of Rivers: Physy affects on Personavian and with the Confer of Rivers: Physy affects on Personavian and with the deliment the language of its district Objects compared a whole Robert for the Confering State of the Confering

Fee, the Objects will be repreferred, even the there be no Lean at all and the Images clear and diffined, via needfurly fine rander the Images clear and diffined, via needfurly the Objects be limited by the South Lights: They will be the Objects be limited by the South Lights: They will be the Company of the Company of the Company of the Hour in the Dad. So Childs a south of the Company on mach limited. Further, the greater Diffuser there is between the Aperture and the Wally the larger and more between the Aperture and the Wally the larger and more to make diluted, the Bey is the the Rays becoming, thus, no make diluted, the Bey is the Company of the Company of the beauty the through the Company of th

no mash dilmed, the Brightneds of the Image is weakerd, Conference and Parentife Currar ADDRESS. The Conference and Parentife Currar ADDRESS. The Parentife Currar Currar

G H. ercel, as before

in rife from in Artsic of this Kind; wheten, as a steep, or Signal to know one nonder by they been a Silin. The Siline of the Calculate of the Siline of the

of Groups. The chief Skill of a Conset than he American Consequent of the Consequence of

cover the Carnons in rotaction, and to keep the Acaver-lary in continual Alarm.

CAMPAIGN, a Military Term, fignifying the Space of Tune during which Armies are maintain devery Year in the Field. The Germant begin chief Campaign wery late; afaally waiting ar Harvell: The French are always early, and begin fometimes in Winter.

CAM

CAMPANULOUS, or CAMPANIFORMIS, those Plants

CAMPANULOUS, or CAMPANULOUS, the Share which Flowers exhibit the Shape of Bull 1, one Caspon, a Ball. See Feowers, and Prayer.

CAMPECHE, a kind of Wood brought from America, CAMPECHE, a kind of Wood brought from America is at first red, after it has been full'd fonce time, it becomes black; and, if flower in Ware, your a black Transcall, and the state of the Share which the state of the Shape of the Shap

care that it comes all refin'd by Sublimation; and prepar'd to our Hands.

of the New Natural Lampione among us, the Direct state of the New Natural Lampione among us, the Charleston Con Handle.

Memorr of Refusing crade Charmeton.

The Memorr of Refusing crade Charmeton.

The Memorr of Refusing crade Charmeton.

The Whom the Notifies I shall find, it is froyly, and just down a gentle Fire; where only the jurnel Fart rich is a first I see. It was a first I see. It was a first I see. They what the failatine, the They what the Handle Refusing Res was the Figure frey placed. This o'static, This o'stati

when met with Cantybir, will be much had first in students of the students of

Camphora per Naves caftras odore Mares.

But the Proverb, according to Scatiger and Tulpius, is falfe. Camphor, being hoil'd in Aqua vive, in a close Place, till

the whole be evaporated; if a lighted Torch or Canalle be immoded, the hir in the whole Pince will Immediately catch First, and agree in a Binner, without droing my bare and the state of the pince of

Rosemary, &c.

Refemery, &c.
Artificial Campinon, is prepar'd with Sandarach, and
white Vinegar diffill'd, kept 20 Days in Horfe-dung, and
afterwards export a Month to the Son to dry, at the End
of which, the Camplor is found, in form of the Cruft of a
white Loaf: This is also call'd Juniper Gune, white Ver-

white Lord. This is file call'd Juniper Gaus, white Ver-uly, and Majile.

The Word Compler course from the Arabic Capter, or Collever, which gives the fine things, an entire Collines, an amivertary Affenshly of our American, can deep Day; where they confedered segater to define the Kingdow against Recogness and all Emericas. Peg. Edoc. Contest. Since the Contest of the Contest of the Contest of the against Recogness and all Emericas. Peg. Edoc. Contest. Since Period Contest of the Contest of the Contest in the Contest of the Contest of the Contest of the force period of the Contest of the Contest of the Coldilis, a Period with a low, fit Nofe, hollowed or Coldilis, a Period with a low, fit Nofe, hollowed or Contest Equation. Call of the Contest of the Contest of the Contest Equation (Contest of the Contest of the Contest of the Contest Equation (Contest of the Contest of the Contest of the Contest of the Contest Equation (Contest of the Contest of the

the great Cingbis Kam, a celebrated Beauty, had only two s for a Nofe CANAL, in Anatomy, a Conduit or Paffage, through which any Juices or Fluids of the Body flow. See Duck.

and CHANNEL CANAL of a Larmier, the hollow'd Piafond or Soffit of a Cornice; which makes the Pendant Mouchette. See Larmier and Soffit.

LABRIER and Source.

CANAL of the Politics, in the Bosic Capital, is the Fore
CANAL So Switzersubers, in Austemy, are three GeCANALES Switzersubers, in Austemy, are three Gecanal and the Capital of the Capital of the Capital
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Lédité in es dweys in exest Conformity to oce anomer, in CANALISCH. Merriedin, in America, Activation, Valley, Observéd in Fernir, her which after Description, and the second of the se

The Stars in the Confiellation of Cancer, Ptobing makes 13 if Tycho 13 is but Mr. Plansflead no left than 71. Their Order, Namas, Places, Longitude, Latitude, Magnitude, Sc. he lays down in the Britannick Catalogue, as follows.

Stars in the Conftellation CANCER.

	Names and Situation of the Stars.			nde,				1 35
	100 01277,			"				· Mi
,	In Extremity of preced. North Foot	\$ 23	49 49	38	4	51 43	46 A 11 B 35 A	6
	Subfrquent and more Southern	24	14	46	4	12	35 A 15 B 29 A	6
		24	45	11	4	۰	29 H	7

In the Ground North Error (mones) 14 er 11 e 25 e B c -

Names and Situation of

In the record and more Spekly From In the preced, North Foot, Single

& Longitude. Latitude.

under S		4 47 4 54		13	36	44	B	6,7	
	2	7 33	31	1 9	19	31	A	1 7	
Against the Tail, Ptoless, 25. II	2		11	1 :	17	52	A	5 6	
15	4	7 48	15	1 5	43	25	A	7	
19	- 4.5	5 to		L		16	٨	١.	
And, the Extrem, of the 3d So, Foot	2	56	19		19		A	4 3	
The North of the 3d North Foot	3.0	5 28		1 7	27	23	3	6	
In the Origin of the 3d North Foot	17	2.9	33	14	20	11	Ε	6	
In the Back, behind the Tail	25	17	6	1 :	2	39	A	6	
70	_			١.					
The first in the 4th North Foot	S. 1	22	13	1 8	30	57 40	2	2 -	
The fecond	20 *	10		1 :	-7	40	R	6	
In the Orig. of preced. North . Claw	48	44	18	1%	50	36	Ē	1 7	
Subfequent, and more Southerly	2 0	20	10	1 :	7	Şī	ā	1 7	
34								l '	
	\$28			8	17	31	В	6	
	33	34	58	6	33	16	A	6	
The ferond	S 12	119	40	4	53	44	В	6 7	
The third	£ 19	3.9	24	1 4	45	36	a	7	
10	æ - y	, ,,	10	۱٩	57	48	2		
The Preced. So, of of the Breaft	Ŕ.	2,4	41	10	42	46	A	6 5	
Fourth and Subfequent		15	14	1 5	"	15	B	7 8	
Preced North in the of the Breaft	1		19	1	22	2.2	В	6 7	
			:	8	31	50	А	6	
	1	53	21	١ ۰	ŞI	52	В	7	
The preced in the 2d Southern Foot			-	1				١.	
The Subfequent	- 9	48	30	8		1 4	2	5	
	- 3		50		40	18	R	7	
Nebulous Stars in the middle of			25			31		6	
the Brestt, call'd Prefete				1	18	37	B	7	
40									
		13	0	3	9	41	В	4	
Preced, in the 4th South Foot		5 29	18	5	10	41	â	6	
Southern Star in Ceall'd Se. Afellus	2	11	49	12	10	46	20	7	
In the North Claw	st. :		53	1.0		46	5	4	
At at	٠, ١		, ,,	١.,	45	40	-	١,	
In the Extrem. of the 4th So. Fogt	a. e	2.5	11	I 2	44	58	Α	6	
Subsequent in the Southern Foor		£ 31	15	1 3	39		A	1 4	
First over the Northern Claw .	2	12	44	14	:8	33	В	7	
First of those following the N.Claw	3	13	1	10	15	33	B	6	
**	-	37	13	13	16	16	а	6	
50 Second		26		١.,	٠.	47	R	6	
Third	- 3	41	î	10	3.4	54	R	1 %	
Preced in the Middle of the N. Claw	- 1	6	12	12	25	34	3	15.6	
Fourth	- 4	I IO	51	01	- 8	24	Е	6 4	
Second		59	35	14	59	41	3	5 6	
55				ı				1	
That preced, the Southern Claw		46	33	5	30	32	Λ	7	
ad and Subf. in Middle of the Claw	- 1	59	41	12	29	Ĺ	Ε.	7	
First in the Orig. of the South Claw Second and Southern	ŝ		51	1 :	55	16 45	2	6	
· Third		41	3,4	1.	50	46	R	6	
60				1"	7-	4.		1	
In the Southern Claw		:8	40	1 5	6	17	A	4 3	
The last of four at	4	7	20	14	37	49	B	6	
Fifth of those following theN. Claw		30	37	10	30	5	В	6 7	
In the Northern Eye	4		57			3		6	
Last of those following the N. Claw	- 6	0	44	100	38	38.	۹	6 7	
In the Extr. of the Apert. of N. Claw		18		l.,	~	6		6 7	
an an annua and Aprilian Archive	- 1	1 2 3	-8	1.0	34 46	1	8	6 7	
Subsequent in the Southern Claw	11	40	44		36	8	A	4 5	
In the Southern Eye	8	52	45	5	13	34	В	5 6	
	9	7	14	5	24	49	В	8	
70							.		
In the Aperture of the South, Claw		41	7	I	8	31	A	7	
	12	19	40	0	30	45 -	41	6	

SPHERE. Systems, in Medicine, a bard, ragged, roand, immove-tion of the control of the control of the con-trol of the control of the control of the con-bine it been to the Cabellh, call'd Carorr, or, as other Por, becauli, like that trift, when ever is has got bod, it was proposed to the control of the control of the con-trol of the control of the con-trol of the con-trol of the control of the con-trol of the con-trol

Tropic of Canger, in Aftronomy, a leffer Circle of the Sphere, parallel to the Equator; and passing through the beginning of the Sign Cancer. See Tropics; fee also

rfath, as are barren, or live in Celibacy. The Resident Stuterfact, as are burnen, or live in Ceilbury. The Racie on of its appearing in the Breat more than other Parts, is, that being full of Glasda, with Lymphaticks and Biood-Verfile among orn, the finalled Countine, Compression, or Punction, extravisions twice Liquors; which growing, by degrees, are monitous, form the Canserr. Hence, the Malean of the Art Say, that a Canserr is that in the Glands, which a Canse is in the Bone, and a Gangereen in the fielity which a Caries is in the Bones, and a Gangreen in the fieldly Parts. The Canter, however, is fornetimes found in other fort, fromgy Parts of the Body; and three have been some found in the Teeth, Belly, Neek of the Matrix, Ureter, Lips, Nofe, Checks, Abdomen, Thighs, and even the Shoulders, as Staterful finers.

Conters are divided, according to their feveral Stages, in-to Occult and Ulcerated; the first is form'd as above. Ut Centers are divided, accoming no their feveral Suges, increated Actual Convention 4, the first is deem of a solven. Or

control and Convention 4, the first is deem of a solven. Or

convention and the convention of the conventi cerous Lancer so be nothing alle but an infinite Number of little Worms, which derout the Field by degrees. The Canter is allow'd the most horrible Evil that belist but Body: Tis usually cur? while yet a finall Tumnr, of the bignetic of a Nut, or at most of a finall Egg, by Extira-tion: When it felicare the Beneil, or is buril into an Ulicar-tion: When it felicare the Beneil, or is buril into an Ulicartation takes place

CANDIDATE, a Person who stands for some Post, or assires CANDIDATE, a Perlou who flands for fome Poil, or alpires to enter any Body, or Society. The Word comes from the Latin Candidatus, of Candidats, white: Those who alpird to Offices in nations Rame, being call'd Candidats, from their wearing a very white filming Habit at the Affemblies, in order to diffinguish themselves from the Croud. In the Time of Gardian, and afterwards, the Term Candidati was likewife given to the Soldiers who compos'd the Emperor's Guard a who were choice out of all the Legions, and much confi-der'd at Oast. Cedrems observes, that it was the younger Gordson who inflituted thefe, as allo the Protectivers and Scholares. The Scholares were choice out of the Troops, and conflicted of Perfans who belt underthood the Art of War: Out of these Scholares were choice the Candidati, War 1 Out of their Stellars were choic to Condidate, who were fich a special the not by rigorous, and had most of the Martial Air; proper to inspire Terror, fays the Chromotogous and the control of the Martial Air; proper to inspire Terror, and their Condidate, and were people the Emperies Theore a middle Co-der, and were people the Emperies Tailors, to Wax, sround a Wick; and for the giving of Light. A Tailore Canale, to be good, must be half Sheep's Tailors, half Cons; that the condidate of t

of Hogs making 'em gutter, give an ill finell, and a thick black Smock. Sec TALLOW.

Tallow Gendles are of two Kinds; the one dispd, the other mendded. The first, which are thofe in ordinary afe, are of an old standing; the latter are field to be the Inven-tion of the Sieve it 2000, at Paris. The Mannfasture of the two Kinds is very different, excepting in what relates to the melting of the Tallow, and making the Wick, which is the fame in each.

to the mediag of the Tailow, and making the Wesk, wucn is the finane racin off analogic Castrata. The Tailows being weight and mixed in stein dear Perpetius, are care to mixed it use Texes, to ficilition to being received to the text of the text will continue fit for use 24 Hours in Summer, and 15 in

Winder.

For the Wicks, they are made of fpun Cotton, which the
Chandless buy in Skeins; and wind off three or four together, according to the intended Thickness of the Wick, into Pelotons, or Clucs, whence they are cut out with an In-

Qq

frament contrivé for that Parryole, into Pecca of the Length of the Canada expandir cequirid 3, then part on the Canada expandir cequirid 4, then part on the Canada expandir central expansion of the Canada expansion of the not equilateral; it is Side on which it opens being only ten laches high; and the others, which make its height, 15. On the Angle, form'd by the two great Sides, it is suppor-ed by two Feet, and is plac'd on a kind of Bench, in form of a Trough, to catch the Droppings, as the Candles are taken out, each Dip. At a convenient Diffance from this, raken out, each Dip. At a convenient Diltance from this, is feated the Werkman, who takes two Rock, or Broches, at a time, firang with the proper Number of Wicks; even fixeen, if the Canadies are to be of eight in the Poand; twelve if of fix in the Poand, the, and holding 'em equi-diltant, by means of the second and third Finger of each dilates, by means of the Scored and third Figure of each Hand, which be puts between 'cm, he immerges the Which we over three times for their find Lay 2 and, hold-ing the control of the control of the control of the growth of the control of the

with fieth Tailow. When the Candine are faith'd, their polyal End, as festors, are taken of 5, not with any quantum of the control of the con form of a Dome 1 having, Modileg within fole, and pleed in the Nation 1 and 1 the 6 Holes receive the Moulds inverted, as far as the string in the Foot. Being thus placed perpendicularly, they are fill'd with melted Tallow, (prepared as before) drawn out of the Tra into a Tin For; and thence pour d into the Foot. After the Moulds have flood long enough to cool, for the After the Moulds have flood long enough to cook, for the Tallow to have come at its Confidence, the Gradle is ta-ken early he string off the Foot, which herings the Gradle is taken early the string of the Foot, which herings the Gradle black of within their Gradlet, by Stafening them on Road or Broches, and baseging them out to the Dew, and earlief the string of the Stafening them to the confidence of the theory of the Stafening the Stafening them to the stafening that the faces can in the Day-time from the top longer and of the Stafening the Stafening the Stafening the Stafening the Hygos Chanters are made of a Cortom or Flasen Week, Highely twifted, and cover'd with white or yellow Wax: Of thele there are feveral Kinds; some call'd Yapers, us'd to il-lumine Churches, Processions, Funeral Ceremonies, &c. Sec lumino Charches, Frocettions, Funeral Ceremones, &c. Se. TAPERs, a not others used on ordinary Occasions. For the feel Kind, their Figure is Conical, fill diminifining from the Bectom, which has a Hole to receive the Hook of the Candleillek, to the Top which ends in a Point. The latter are Cylinder of the Candleillek, and the Conical Cylinder of the Candleillek, and the Top which ends in a Point. The latter are Cylinder of the Candleillek, and the Cylinder of the Cyl drical. The first are either made with a Ladle, or with

Manner of making Wax CANDLES with the Ladie Manuer of making Wax Cassuras with the Ladie.

The Wicks being withed, and cat, of the proper Length,
a Doson of om are vid by the Nock, at equal Diffance,
round an Iron Circle, Infraended directly over a large Hadio
of Copper, timbd, and full of melted Wax: a large Hadio
of Copper, timbd, and full of melted Wax: a large Ladio
full of this Wax, is pour'd goorty, by Inciliation, on the
Tops of the Wicks, one after another; so that running
down, the whole Wick is thus cover'd a the Sarpia returndown, the whole With it has covered a to Carril assume,
down, the whole With it has covered a to Carril assume,
in not be Bloin, where 'the kept warm by a Fan of Caul
inthe Candia arrive as in delited Bigglied. It mail be
differed assumed to the continue to pour on the Wax,
all the Candia arrive as in delited Bigglied. It mail be
Top of the With, the fourth at the Height of 1, the fifth
at 1, and the fixth at 2; by which means the Candia arrive
as in pyramidal Form. The Candia's are then taken down
bean, and haid dieded of worder, in a Festerbe Bed folicies
as in pyramidal Form. The Candia's are then taken down
bean, and haid dieded of worder, in a Festerbe Bed folicies
as in pyramidal Form. The Candia's to the Candia's
They are then taken and call'd, one by one, on an even
They are then taken and call'd, one by one, on an even
They are then taken and call'd, one by one, on an even
They are then taken and call'd, one by one, on an even
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They are then taken and call'd, one by one, on an even
They are then taken and call'd, one by one, on an even
They are the taken and call'd, one by one, on an even
They are the taken down the taken and the Hole made in it.

Hole made in it.

Massure of masking Wax Candless by the Hand.

The Wick being diffued, as in the former, they begin
to foften the Wax, by working it feveral times in hor Water, containd in a Brafs Caldron, time'd, very narrow and

The Way was the Caldron, time'd, very narrow and

The Way was the Caldron, they'd, was a statisfied. tet, contain'd in a Brais Caldron, tim'd, very narrow and cheep. A piece of the Wax is then take out, and dilpor'd, by Bittle and little, around the Wick, which is hung on a Hook in the Wall, by the Extremity opposite to the Neck's fo that they begin with the big End, climinifying till, as they defected owards the Neck. In other refpects, the Mictized is the fame tiere, as in the former Cafe 5 only that they are sort laid in the Bed, but are profil of on the Table, jull tacy are not not in the Bed, but are roll'd on the Table, juil as shey are form'd. It must be observed, however, that in the former Cafe, Water is always as'd to moilten the feveral Instruments, to prevent the Wax from flicking, and in the latter, Lard, or Oil of Oilves, for the Hands, Tables, Tables,

the latter, Lord, of Oil of Olives, for the Heads, Ta-blo, 125-blo, 125-c. Her Courtest, are citized from Verberger, and the Courtest of the Courtest of the Courtest of the Courtest of Courtest of the Courtest of Courtest, borderly shape, and evident of perfect, coveral with the Leadle, and rolled, as the Couries loses, but not priered. Place Courtest of Servers, not for old all, because delautile the Leadle, and could, as the Couries loses, but not priered. Place Courtest of Servers, and the Courtest of Courtest of

five bandred Blis leight he fawn, naming. The invention of this, we one of Peters Highmans, of Petris, about The West Canada Can

wherein, the Time a lighted Caralite continues Saming, it allowed the Sime or own to Response, but after winds, he remains econtrolled to all intens and Farpoles, the control of the Caralite C

rede the control of the form of the control of the

CAN

(I. Carmond with Flower, Myrtic, 16fe, The Campleyer, in their Carmonders, always murchle the fifty, whe Flusicapher or Friedt texts, and the Chair of Multi follow I. The tended by a not Myrtic theory of the Carmons, which made Part of a feel, celebrated by the Multid the Fee of their Martinello Van and Worms who of Code of Multi-Carmons, which made Part of a feel, celebrated by the Multid the Fee of their Martines of the Carmons, which made Part of a feel, celebrated by the Multid the Fee of their Martines of the Carmons, and the Carmons of the Carm

CANINE Appesite, an inordinate Hunger, to the Degree
a Difusic. See Bullings. of a Dicate. See DULIMIA.

CANINI DENTES, in Anatomy, are two Teeth in each
Jaw 4 one on each fide the Inciferes and Molares. They pretty thick and round, and end in a sharp Point; have each one Root, which is longer than the Roots of the Incieach one Root, which is longer than the Roots of the Inte-fore. Their proper ulis is to pierce the Aliment; because the Fore-Teeth are not only ape to be 'pulled outwards' by the Things we hold and break with them, but likewise hecause they are less subject to Blows than the Mellars; therefore above two thirds of them are bury'd in their Ill-

therefore above two thirds of them are buryd in their servedi, or Sectests, by which their Refifthence of all lateral Prefluces, is much greater than that of the Molares. CANNUS Migellus, the fame as Elevator Labit Superioris; See ELEVATOR.

CANISOS Majorius, the father as Lievan periorit; See ELEVAYOR. CANIS MAJOR, the Great Dog, in Aftronomy, a Con-fiellation of the Southern Hemisphere. See Constituta-

Tho Stars in the Conficilation Cauig Major, Pedanny makes 28; Tycho obforv'd only 13; in the Britannic Catologue they are 32. Their Order, Names, Places, Longitude, Latitude, Magnitude, Ec. are as follows.

Street in also Conduttation Co.

Start in the Constitution Canis Major, or Great Dog.											
Names and Situation of the Stars.	Sign	Lo	ngit	ude.	Laribade.	4					
			•	100	0 1 11 3						
Proced. of the bright Informer	П	17	-	51	57 24 15 1						
Subf. before pofter, Feet of the Dog	-		7		59 14 20 1						
In the preced, potterior Foot											
In the Extrem, of the anterior Foor	6	- 3		-2		3					
Inform, under the posterior Foot	-	-	10	39							
<		7		,,,	56 44 8 5						
Preced, of two in the lower Knee		6	20	54	46 36 17 6						
Subteq. and South of the fame				15	46 36 17 5						
		-	**	48	45 5 36 5						
South in the upper Knee				41							
North, in the fame Knee				57							
10		•	7-	,,,	41 19 24 5						
Exceeding bright one in Mouth, Siring				1							
		á	40	28	39 32 8 1 37 19 38 5						
South, and preced, in the Breaft		70	28	50	37 19 38 5						
					43 52 II 6 55 II 25 4						
In the North Ear		17		23	34 44 34 5						
31		**	,-	22	34 44 34 5						
Preced. of the Contig. in the Breach		10			42 54 42 6						
			22	30							
			16	27							
		- 5		30							
Third of those following in Bresst	_		77	-7	36 41 50 4						
20 200	9	*5	54	22	42 45 40 6						
					. 1						

Names and Simusion of the Start,	Longitude,				L	arico	l E	
South in the Neck Bright one under Belly, betw. Thighs North, of two in the Neck Subfeq, of two in the Shoulder	9	17	11	8 46 31 41 25	50	16	50	Ignit. 4 3 4 3 4
Brightone in the Middle of the Body		20 20	59 18	30 26 52 34 10	47 48	11.	49 38	7 6 5 6
Bright one in the Tail	\$	22		16	46	38	30	5

CAN

Canis Mixon, Ceniculus, or the Little Deg. in Alto-nomy, a Conficilities of the Southern Hemispace; call'd by the Grovid, Progens. See Constructions. The Stars is the Confidentian Cenii Minor, in Prelimp's Carlogue are 2, in that of Tyche Trades; in the Size insuit Carlogue 4, in that of Tyche Trades; in the Size insuit Carlogue 4, in the Confidence in the Confidence guided, Lattonia, Magnitude, Gir. are as follows.

Start in the Confiellation Cants Minor

CANIS MINOR.											
Kames and Situation of the Stars.	Longitude Latinde,										
	S 16 48 34 10 16 11 6										
In the Head North in the Nock	17 19 <8 12 16 42 6										
South in the Neck	17 51 52 11 31 30 4										
Under these as in the Shoulder	18 1 23 12 51 51 6										
d and the same of the same of	18 18 14 49 14 6										
Informa, over the Neck North, against preced poster, Foot	17 56 31 9 45 18 6 20 10 40 19 37 58 6										
Middle	20 14 7 18 12 41 7										
In the Thigh, Procuss.	20 28 33 18 6 22 6										
to	21 30 21 15 57 55 1 2										
Informis, towards the Tail of Si In the kind Leg	22 11 5 10 17 57 6 5 25 19 47 18 53 0										
Preced, in the A of Inf.)	26 57 30 18 6 10 6										
follows this to the Sou. S North	18 39 11 23 47 56 5										
15	28 30 I 21 29 56 5										
Latter in the fold A	27 56 51 17 47 51 5										

Q 0 49 33 22 37 35 4

CANKER, is a Speck made by a farm Humone, which games the Fielh almost like a Cautic; very common to Children, in their Month ejecically, it is a fie. Difficulties, in their Month ejecically, it is a fie. Difficulties incident to Trees a proceeding chiefly from the Nature of the Soil, See Diracts of Thiese. CANNON, in War, a Face of Artillery, or a Milliary Stechnic for through Jenn Lead, or Stone Ballers, but a Face directly opposite to the Axis of the Cantella Control of the Cantella Cantell

Omentacket.
The Farm and Proportions of a Canner about 11 Foot long, are, in Biarrel, or Clority, p Foot jin Falerum, or long, are, in Biarrel, or Clority, p Foot jin Falerum, or long, are, in Biarrel, or Clority, p Foot jin Falerum, or long to the Clority of t

For a Battering-Piece, whose Ball is 36 Pounds, there must be two Cannoncers, three Chargers, and 20 Pioneers. Causant are disinguished from the Diameters of the Balls they carry, but this Distinction is different indifferent Nations. The Proportion of their Length to their Diame-ter, depends rather on Experimence, than any Reafoung a printry; and has been accordingly various, in various Times and Pisces: The Rulei is, than the Guan be of fach a Length, as that the whole Charge of Pouder be on Fire et the Ball out the Wise. He quit the Piece. If it be made too long, the Quantity of Air to quit the rece, it is on made too sing, the Quanty of the ob-be driven our before the Ball, will give too much Refiftance to the Impalfe; and that Impalfe ceating, the Friction of the Ball against the Surface of the Piece, will take off some of its Ball spinst the Serface of the Picce, will sake of founc of its Monties. Formsty, Centrus were used much longer than Monties. Formsty, Centrus were used on the longer than centrus, taught to make by claime of Northernsthian centrus, taught to make by claime of Northernsthian centrus, taught to make the Serface of Northernsthian K. et Sender provid by Experience in 164; 4 As Iran new Hortenstein, the Serface of Northernsthian Control of Northernsthian Control of Northernsthian centrus than smother Ball of Pollometro of an odd, longer Picce y whereas, in other respect, its certain the longer the Ener and Ball, the generator fit Range.

The Names of the feveral Connoni, their Length, their Weight, and that of their Balls, as they obtain among us, are as in the following Table.

NAMES of CANNON.	Weight of an Iron Ball,		of the	of the
Cannon Royal	148 lib.		8000 lib.	12 Feet
Demi-Cannon large	36		6000	12
Demi-Connon ordinary	32		5600	12
Demi-Connon least	10		5400	tr
Culverin largeft	20		4800	12
Culveria ordinary	Ly lib.	960.	4500	12
Culverin leaft	15		4000	11
Demi-Culverin ordinary	10	11	2700	tr [
Demi-Culverin leaft	0		2000	10
Saker ordinary	9		1100	10
Saker leaft	4	12	1400	8
Minion largest	3	12	1000	8
Minion ordinary	1 4		800	7
Falcon	1 2	8	750	7
Falconet	1		400	6
Rabinet	1	8	100	5. 6 Dig.
Base	1	5	200	4. 6

The greatest Range of a Connon, is ordinarily high at an Elevation of 45°. Dr. Halley thows it to be at 44°. See Heyerser. M. S. Julien addink the Ranges of the feveral Pieces of Connon, from the Weight of the Bill they bear a the Charge of Can ponder being always supposed in a fundaging Ratio of the Weight of the Bill: Thus.

n leaden Bill,	Range.	Grenteit Range.	Weight of a leaden Ball,	Horizontal Range.	Greateit Range.
33 lib. 24 16	600 Pares. 700 800	6000 6000	8 17	450 400 150	5000 1500 1500

The fame Author adds, that a Ball thrown to the Dif-The fune Author adds, that a Ball thrown to the IBitance of soo Faces, finds 9, 1, 2, 11, 12, 12, 19 Foot within Ground. For the Method of calling Garmont, lee Pownson, For the Method of Cannous, the either Iron, or, which is more ustal, a Mixture of Copper, Tin, and Brafa; the more ustal, a Mixture of Copper, Tin, and Brafa; the Cannous Ca

This is adont to the copper, to make upon series, some per per in the left This required. Some to text the con-perting the left This, and 8 of Braft: Others, to of Copper, add to of Tris, and 8 of Braft: Others, to of Copper, add to of Tris, and 8 of Braft: Others, to of Tris, or Braft, and to of Lecul. The Trimmite deferbes a via cornis the Swood made use of fisch in the long War of the Ind Cansary; but the feb unto costly to have much the Ind Cansary; but the feb unto costly to have much equal Bore, but different Lengths; the lengar course of special Bore, but different Lengths; the lengar course of parts Churge of Doder that the flower, in order to reach the fine Kange. The ordinary Change of a Comes, is to After each thirty Disbusges, the Common is to be Colly, with two Plans of Vangelr, mid-d with four of Water, pour'd Cansary are much Cylindrical, but the proper the Ball might not be returned in in Farfage; and that the Ball might not be returned in in Farfage; and that the londs, which one I far, might not the previous the Ball and

Ball might not be retarted in its Fattage; and that the Ponder, when on Fire, might not flip between the Ball and the Sarface of the Cannon, which would hinder its effect. Welfair would have the Cannon always decrease, as it goes rowards the Mouth or Orifice: In regard, the Porce of the Dander always decrease; in presentations. nounts he Month or Office: In regard, the Fuce of the Poulear slaves, decreeds, in proportion to the Space throw which it is expanded. The new Cannon, after the System Office and Cannon, after the System Office and Cannon is found to recoil wow or these Zerits; or Chanher at bottom of the Banci, which helps their Effect. A Cannon is found to recoil wow or three Pieces after Explodings which from except we of the Poule System of the Poule State Cannon and the Carly, is, the Poulet's after of the Data is that the Cannon, and the Ball. Gus FOUDER, &c.

Larrey makes Brais Cannon the Invention of J. Owen;

Gust-rouvan, com Genes the Inventor of T. Ower, and Isy, the fift Encora were in England, in 21). Consent, however, he worst, however, he worst, we have a hour a size of the consent in the Land Advances and the King Denored shorts from into the Preset Army, by fave or fact the consent of the Consent in Consent was called Emphasized, from the Land Research yet perform of the Consent was called Emphasized, from the Land Research yet reason of the Consent was called Emphasized, from the Land Research yet reason of the Consent was called the Consent of the Consent of the Consent of Consent in Consent of the Consent of Consent in Consent to Local Consent Consent to Local Consent Consent Consent Consent to Local Consent Consent Consent to Local Consent Consent Consent Consent Local Consent Consent Consent Consent Local Consent Consent Consent Local Consent Consent Local Consent Consent Consent Consent Consent Consent Consent Local Consent Co

Savages frequently make 'em of Bark, chiefly that of the

Savages, froquently make "on of Earls, chiefly that of the Bried-Tree's yet hig enough to beld favor of the Telenda. Preference of Drives Geregies and the Control of the C

themeliewe from their Rules, the Olderwane clark, and, at length, they cared and use in Community, yet till formed at length, they cared as length they cared as length they cared to level to the Church per difficulty to the Church Charles of the Church per difficulty to the Church Charles of the Ellings, taking spon them the charles of the Billops, and community of the Billops and community of the Billops, and community of the Billops and community of the Billops and community. Charles are done stretchild, and, as the Lenins cell it, honordinate mentions of the Billops and community, and the Billops and the Billops and the Rules of the Billops and community, and the Billops and the Billops and the Billops and the Rules of the Rules

thers and Councils.

CANONS Regular, are Comous that fill live in Commuthirty and who, like Religious, have, in process of Time,
to the Practice of their Rules, added the follows Profession
of Vows: They are called Regulars, to diffinguish
them from those Canons who abandon living in Communication.

in of Vows: They are called Regular, so delinguish in of Vows: They are called Regular, so delinguish in y, and it the fine time, the Obleview, of the Canar under as the Rule of the Corey, for the Maintenance of the matter Bridgish. See Raincasa. Of the Canar under the Rule of the Corey, the Rule of the Core surv, when fonce of them fearning from the Community, took with them the Name of Corem, exceptional Prefact and those with them the Name of Care and Regular The Regular have adopted and the contract of Care and Regular. The Regular have adopted on the Core and the Core and the Regulary to the Core and the Profice of Parisary and Corem and the Princip and the Core and the Princip and the Regular than the Core and the Princip and the Regular Cores; and then play Montes: The Bookle Capacity of the Cores, is the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find show the Coxwos Schuler, or Ley Lorus, we find the Coxwos Schuler, or Lorus and the Coxwos Schuler, or Lorus and the Coxwos Schuler, or Lorus and

Foundation of this Controversy.

Canons Secular, or Lay Canons, are such among the
Lairy, as have been admitted, out of Honour and Respect. Lairy, as have been admitted, out of Honour and Relpect, into some Chapters of Casons; such are the Counts of Anjou, in the Church of St. Martin de Tours; the Kings of France, of St. Hilary in Postliers, &c., the Emperor. of

St Peters Sec St. Peters, &c. Canonsus, in the Ramifle Church, a Maid who cajoys a Prebend, afficiled, by the Foundation, to Maids; sufficient being obligid to encounce the World, or make any Youn: There are few of thefe, except in Flanders and Germanny: They are rather look di upon as a Semicary and Retreat of Grids for Mariiage, this am Engagement for the Service. of God.

of God.

CANONIESES of St. Augullia, are a kind of Religious, who follow the Studies of St. Augullia; a which there are a visible there are a CANONIESE, the Benefice fill by a Canon. The Genomes is distinguished from Frebend, in that the Frebend may fulfill without the Canoniese, whereas the Frebend may fulfill without the Canoniese, whereas and the Frebend, that the Religious of Suffringer and other Freileges are amount. See Praisans,

and other Privileges are amound. See Privings.

CANON, in its more pooper Sonfe, is a Law, or Rule of

Eccheditical Diffeiline; and particularly, a Decree of a

Council. Concors are Decifions of Matters of Religion; or

Regulations of the Polity and Diffeiline of a Chunch, made

by Councils, either General, National, or Provincial; as,

the Cations of the Council of Nitre, of Frenz, &c. See

the Canner of the Caucili of Nies, of Frenz, Sc. Sec. Convecting and Casson Learn.

Cutter Casson Learn.

Cutter Casson Learn.

Cutter of the Casson Casson.

Part of the Casson Casson Casson Casson Casson.

Casson Casson.

Casson Casson.

Casson Casson.

Casson. down as low as the fecond Council of Nice; and 'tis on this that Balfamon and Zonaras have commenced.

that Belljamus and Zenarrar have commensed. There is a great Diffuse about the Apollolical Cassus, shally defined as St. Chemest. Bellarmini, Bernaum, Re-stand and Cassus, and the St. Chemest. Bellarmini, Bernaum, Re-Blacester, de Roman, de Roman

CANON is also used for the authoriz'd Catalogue of the Sacred Writings; See Scrivers, Bible, They manner. The author Canon, or Catalogue of the Books of the Office and the Canon, or Catalogue of the Books of the Office and the Catalogue of the Books of the Catalogue of the Books of the Catalogue of the Catalogu follow'd by the Primitive Church, till the Council of Trent; and, according to St. Jerom, confitted of no more than an and, according to 8t. Ferons, consisted of no more than as Books but that Causeit enlarged the Causes very considerably, taking into it the Books which we call Apertyphal, and eujolang all these to be received as Books of Holy Scripure, upon Pain of Annthema, and being attained of Herely. The Romanists, in defence of this Cause, say,

Inst, in 3, Articles, drawn chirdly from that of St. Brandfil. In this were pre-judy and the state of the Case Color Highly, bold in but accommodated to the Clerch Life. In this were pre-133, and with that of the third Council, or which were firstly their Bounces, Mishin, (e.f. There was a found presed a Elithops, and among her oft, St. Angulers who be the Clerch they received in from the International Council of the Cou that his the fame with that of the Coancil of Hyppo, held in 395, and with that of the third Council, at which were present 4? Bithops, and among the reft, 8t. Angulan who declar'd they received it from their Fathers. Some of the Fathers difficupith the inspired Wittings into three Classita, Proto-Canonical, Deutero Canonical, and Apocryphal. See DESTRE-CANONICAL and APOCKYPHAL

Destribe-Canonical, and Apocatymia.

*Paghad Canon, a Table of the Moreable Feafit, flowing the Day of Eafite, and the other Feafit depending on it, to a Cycle of 19 Neurs. The *Paghad Canon is fuppod to be the Calculation of *Fufficial of *Cofares, and to have been done by Order of the Commit of *Nice. See Easyma.

FRAST, CYCLE, &c.
Canon is also us'd in some Orders of Religious, for the Canon is also used in some Orders of Religious, for the Book that contains their Rules, Conflictutions, E.c. Canon, again, is used for the Catalogue of Saintz acknowledged and canonized in the Rossillo Church. See Saint, and Cano-NIT I TION

cannoted in the Remaji Courach. See Saive, and Cassi-Casson is all wide, by any of Excellence, in the Remaji Courach, for the factor where of the Midi, from the Pfe-fice was the Party in the Middle of which the Pricin Maries on the Party is the Middle of which the Pricin Maries on the Party is the Property of the Party is the same commerces with Te girar, &c. The Freque are to be on the Pfaces, being the Courach and see or release in a second of the Middle of the Party of the Middle of a Toes, (which was fapped to be formed by the Difference benefit of the Party of Party of Party of the Party of the Party of Party of Party of the Party of the Party of Party of the Party of the Party of Party of the Party of Party of the Party of the Party of Party of the Party

venera 1. 20-7-200 Mei Zudeligerus) trought short mulaci-ter Preportions within the Sounds terminating their Intervals bur to one another, when confider'd according to their de-grees of Acustered for Cinvirty, within, believe Artificense and the Comparison of the Comparison of the Comparison of the Distingtion could be Distingtion, in a Sequitation, and the Took it left in a Sectious strategy and all the other Intervals, according to the Proportion of the Sounds that terminates are considered to the Comparison of the Sounds that terminates the Comparison of the Sounds of the Comparison of the determinant Linc of any longth, be threat bow this Canera is to be cut accordingly, to first it may regelect the referen-tive Intervals; and that Michol and/ore soully to Experi-tive Intervals; and that Michol and/ore soully to Experi-tive Intervals; and that Michol and/ore soully to Exper-tive Intervals; and that Michol and/ore soully to Experi-tive Intervals; and that Michol and/ore soully to Experi-tive Intervals; and the Michol and/ore soully to Experi-tive Intervals and Intervals. meet, in the dancieur Lengths or munical Castras. From this Caston, Protenty and his Followers, have been call'd Castraici : as those of Ariffoxents, were call'd Musici. See Musick.

Mexic. Trigonomery, and Algebra, a general Railo for the Solution of all Cales, of a like Nature with the pre-fect loquing: Thus, every laid Step of an Equation is a Camou 3 and, if tured into Words, becomes a Rule to folve all Quellions of the time Nature with that propoid. For the Confirmation of the Canon of Sines; Ice Siness. For Tangents, for Tangents, for Tangents, for Tangents, for Tangents, when the Canon of the Confirmation of the Confirmation of the Canon of Sines; Inc. Sines. RITHM, Fig.

Natural Canon of Triangles, is the Cause of Sines, Tangeuts, and Seconts taken together: So called, because ferving principally for the Solution of Triangles. See Tas-

Artificial Canon, is the Canon of Artificial Sines, Tan-gents, Se. i. e. of Cofines, Cotengents, Se. See Cosine, Cotangent, Se. COMMONT, SC.
CANON LOW, a Collection of Ecclefishtical Statutes, Conflictations, Decisions, and Maxims, taken from the antient Councils, the Decrees of Popes, and the Reports and Refoletions of the Primitive Fathers. See Law.

febriers of the Primitive Fishers. See Law.

The Comm Law that chain't divergabout the Well, till
the Xish Contary, was the Collection of Contar made by
Divergine Engines, in you, or the Contarious of Contar
Contarious the Prope, then Stricture of
Anti-fishers. No transmiss the Prope, then Stricture
of Anti-fishers. No transmiss the Prope of the Contarious
to the Contarious Contarious the Register of the
Gettlean Charch, to confil in sheir not being oblight to admit vay shing eight, has to be at Elberry or veryel all massine
Complicates in the Contarious Furtification of the other
Complication of the Contarious Contarious the Complition; as well as all Papel Decrees before Striam. Include, Servence to Villain and Kirk Construct, the Con-war Zero was mixed and confounded with the Papel De-bottom schools of the Papel Striam of the Con-Dition and the Construction of Early which is the Collection Gill course, under the Time of The Construction of the diffici-tion Construction of the Construction of the diffici-tion Construction of the Construction of the diffici-tion of the Papel Striam of the Construction of the Con-traction of the Papel Striam of the Construction of the Papel Striam of the Striam Striam of the Conformation of R r

not of Times and Councils, as had been done before : So that upon the Appearance of this, all the antient Collections immediately lunk. It is divided into three Parts: the man again the expression of the side of the Party : the first may be blinking as the fixed into a \$\tilde{\text{California}}\$ the fixed into \$\tilde{\text{California}}\$ the fixed into \$\tilde{\text{California}}\$ the side of \$\tilde{\text{California}}\$ the third into \$\tilde{\text{California}}\$ the side of \$\tilde{\text{Calif Rule and Measure of Church Government: Indeed, what us, fince the Reformation, the Camos Law has been much abridged and reftrained; only for much of it obtaining, as is conflicted with the Common and Statute Laws of the Realm, and the Doctrine of the Establish'd Church. See

Realm, and the IJOCTINE OF THE EXTRAINIA CAUSED.

COMMON LAW, STATUTE, U.S.

CANONIZATION, a Declaration of the Pope, whereby, after a great deal of Solemnity, he enters into the Lift
of Saints, fome Person who has Rv'd an exemplary Life,
and support to have wrought Miracles. See Sainty, and

Min Actas.

F. Melilles otherws, that the Term Commitation is not of to much Antiquity as the Unitary. The was done of the much Antiquity as the Unitary. The was desired to the United States of the MIRACLES

Generators autenty confided in infering the Saint-Name in the Sacred Dyptimes, or General Saints is ap-pointing a respect Office involving him, and techniq exclusive the saint of the inferior saint of the saint of the saint of the large carryl in training by the Dy of its Death detailed a Fealt. And so render the Thing till more follows, In-ternational Community, the Dy of the Death detailed a Fealt. And so render the Thing till more follows, In-Tit a gent Diptime smooth for Larmed, when the Right of Community, which is overvil was autenty com-with the Pape, beame fairly poults to the Pape i. Some with the Pape, beame fairly poults to the Pape i. Some Canonization antiently confided in inferting the Saint's

mon to Ordinaries, effectivity Metropolitans and Frinces, with the Fope, beams full preclaim to the Pope 1 Some with the Fope, beams full preclaim to the Pope 1 Some Pope 1 S bilihop of Vienne in France, and his Suttragaus, acknow-ledge it in an authentic manore in the Year 1341, by a Letter written to Gregory IX. defiring him to casonize st-plene, Bilihop of Die, who dy'd in 1xc3. Quin mems, try they, generaliste Meritorum Prerogativa politica, ab Ix-cida Die pro Bant's belombie, and veneralism of, mil-gritus ter Jehem Apoliticipus ajus faultius fueris approban-The Term Commission takes in telli from the Cathon of inferting the Names of the Saints in the Canon of the Mats, as abovefaid, before there were any Martyrologies in the See MARTYROLOGY.

CANTALIVERS, in Building, Pieces of Wood fram'd into the Front, or other Sides of a Houfe, to fuffain the Moulding and Eves over it: Thefe feem, in effect, to be

Mondiling and Ieves over it. Thefe focus, in effect, to be the fine with Mollium, except that the former are plain, and the latter careld. They are both a little of Carnades, and the latter careld. They are both a little of Carnades, and Ca

CANTHARIDES, in Medicine, a Drug much us'd for the raifing of Blifters. See BLISTER. Cambarides are the Principal of the Tribe of Epifpatticks, or Veficatories. See

Principal of the Title of Epifquilitis, or Veteranties, the Erers struct, Gr.
Cambridist are kind veterant leads of the Many Structure and Wings, like Intic Fittes, horse also said all daying Braze.
Wheat, the Leaves of the Popins, 18th. There are various Kinds of Cambridist: the best are thost which appear with different Colours, having yellow Lines running sends with different Colours, having yellow Lines maning sends them over a very through Vinesper, which is made to be did for that purpole; after which they are dryd, and may be preferred two Years. Cambridist are very tharp and one properly also Years. Cambridist are very tharp and one properly and years. Cambridist are very tharp and one properly and years. Cambridist are very tharp and one when yet here were the properly and the properly and the properly and years. whereby they become exceedingly injurious to the Bladder, for as to ulcerate it, even when apply'd externally, if ful-fier'd to lye on too long. They are much commended in Fevers; as they raife and throughten a low trembling Pulle, give Relief in delitious Ravings, fooriferon Stupors, Lofe of Reason, 6%, (the common Symptoms of high and duagerous Fever) reduce continual Fevers to regular and ditunst. Remiffions; and do make way for the Bark: cleanfe and open the obfureded Glands, and Lymphaticks; bring on critical Sweats, Ec. Dr. Morgen accounts for the Effects of Caustorists thus: 'The fubile and volatile pargent 'Parts of which the Cansbarides confits, being early disrous Fevers) reduce continual Fevers to regular and diffind

Gauberiet bins. "The fittle and whethe pusques Farrs of which the Camberiet conflict, being carryl die to the Blood, and pulling with the Lymph or Serum into the Camberiet conflict, being carryl die to the Blood, and pulling with the Lymph or Serum into and ratifying the which Cohesine of the Lymph, and by the manner of the Camberiet of the Lymph and by the Manner of the Camberiet of the Camber Combrevite take their Name from Combrevit, an Anima, observice (12th Southeaut consequent). Combrevite Than Anima of the Combrevity Combrevite Combrevity Combrevity

CANTATION.

CANTON, a Quarter of a City, or Country, confider'd as feparated and detach'd from the reft of that City, &c. Hence the Swelf Coutons, to the Divisions of Sweitserland, thirteen in number 4 cach a Republick in it felf, and together forming the Helvetie Body. The Word, probably, comes from the Italian Couton, a large Part of an asquare

Conc.

CANTON, in Herniday, one of the nine homourble Ordnaires. See Onnus arv. The Gentre of a figure Perture of the Efsection of the Signary Perture of the Efsection of the Signary Perture of the Signary Perture of the Concepts of the Signary S

of the Wall.

CANTONER, in Heraldry, is whoo the four Cantons, or Spaces round a Ceofs, or Saltier, are filled up with any Pleces. He bears Gules, a Crop Argent, canton'd with four Scaley Skells. The Word is allo used when there are Pieces. He bests trues, a true of the four Scallop Shells. The Word is also us'd when there are little Pieces in the Cautous, or Spaces of any principal Fi-

little Piccés in the Causma, or Spaces of any principal re-gare of an Efecticen.

CANVAS, or CANEVAS, properly, a coarfe Cloth, after a surface of the company of the Causma and move regularly in little Squares, and for the Ground of Tupelity Words, Princip, Ce. Excenses in sulf, effectably smanning the Promot, for the Model, or first Words whereon an Air, or Fisce of Musick is oct, or first Words wheroon an Air, or Fiece of Musick is compord, and given to a Foet to regulate and finish. The Cannot of a Song, is certain Notes of the Composer, which shew the Foetthe Mensure of Verses he is to make. Thus, Du Los Tays, he has Cannot for ten Sonnets against the Musics.

20th Let Stys, be has Genera for ren Somens against the MicCaNULA, or CANULA, is Chicargen a little Tube, or Flee, which the Chicargeness leave in Woodstand Unres, that they due not, or chick not be lay up the Unres, that they due not, or chick not be lay up the Canula in of Gold, Siver, or Lord Illustration, and the Canula in of Gold, Siver, or Lord Illustration, Spring Canula and placed at the Corflex, to keep the Ulber warm, and to pre-mark have King Stoney, Spring of Wine, and have King, whereby to keep them fill in the Woonaly, and others have Holes with Kibbons throwen, to be able to the Canula and the Canul

PING, and DROSSY

wies, and in what menfare the Patient phastes. See Ixa-yun, and Dinory: Island of Cammid for the Application of a Shail Coaterdes; they are made very fluidles, and see, in effect, little more than Broay, thou the Appearen of the Patient Coaterdes; they are made very fluidles, and see, in effect, little more than Broay, thou the Appearen CAP, Garment Gerrige to the Application Patient, See CAP, Garment Gerrige to the Application Patient, See CAP, Garment Gerrige to the Cap and Balancia Far-CAP, Garment Gerrige to the Cap and Balancia Far-red who the Irac stay is the fifted on in the Patient of the World who the Patient Cap and the Cap and the Broad of Carlot VIII, into Rosser: From that Hoods, for Chapmens, the had been well till little. Mr. of Grader, infect, goes further back; they began, fays he, the Shoulders, and to cover the Head with a Cap, or Boson et al. When this Cap was of Velore, they call the Morter's when of Wook, fluid you four the State of the Shoulders, and to the Cap and the Cap and the Cap and the Cap and the West of Wook, fluid you four the State of World and Little Balancia White of Wook, fluid with the Cap and the Cap and the West of Wook, fluid on cover the Head was 1.Cl, page 1822. None but Kings, Princes, and Knights, were allow'd the Use of the Morrier. See Monrier.

Note but Kings, Princes, and Kenjans, were allow'd the Ulive firsh Morine. See Monryan. Collegy and Gendeates. Palpiner fays, that it was antiently a part of the Hood wore by the Popile of the Robe is the Sitter whereas the College and General College and General College and Colleg

the addeding Figure 1 Thus, be been Errain, a Centra Artheritan for the Control of the Control are so short that the Ears are exposed. See Turnans: fee alfo Hare

and Harm. The Cap's or Stream's is Mark; or Orange Sprager-Car's. The Cap's or Stream's is Mark; or Orange Sprager-Cap's. The Cap's or Stream's is Mark; or Orange Sprager-Cap's in Cap's or Cap

Banksuper, were obliged ever a fine to wear a green Cof 5 in more considerable to be designed on the large banks of the con-ment of the companion of the com

the like.

CAPARASON, or CAPARISON, the Covering, or Clothing laid over an Horfe; effectally a Sumpter, or Horfe of State. Anticnety, Caparaginst were a kind of Iron Armous, wherewith Horfes were covert in Barte. The Word is Statute, being an Augmentative of Cape, Caput, Head.

Among wherewith Herfers were covered in Barnel. The Word is Olomby, being an Augmentative Olor, Gept, Heads of a Studie, being an Augmentative Olor, Gept, Heads of the Control of the Con

for Woods.

The Meyense is thus defined in the old Nat. Brep., Where a Sken hash beinging a Proving spain relation of a Water Sken hash beinging a Proving spain relation of a Goodwall and the Deep to him given in the original Water, then this Wort shall be fore the King to take the Land given him by the Water, he helder him Land with the Deep Land water than the Deep Land water and the Conference of the C

King, &c. CAPE ad Valentiam, a Species of Cape Magnum, to Ill'd from the End to which it tends: It is thus deferib'd, Where I am impleaded of Lands, and I vouch to warrant another, against whom the Summons ad Warrantandum

380thct, against whom the Summons and Warrantensium hist been averaged, and the Sheriff comes not at the Day given; then, if the Defondant recover against me, I final have a Wirt against the Vouchee, and final recover fo mach in value of the Lands of the Vouchee, if the has fo much otherwise, I final have Execution of finch Lands and Tenemons as defeend to him in Rec 50, the parabale afterwarde, I final have a Re-Gummons

against him : And if he can say nothing, I shall recover

'the Value.'
CAPELLA, in Altronomy, a Star of the firlt Magnitude in the preceding Shoulder of Auriga. In Ptokeny's and Tytebo's Catalogues, 'is the third in order of that Contellation. In the Partnerm Catalogue, the Control Lation. In the Partnerm Catalogue, the Control Lation.
In the Partnerm Catalogue, 'is Latitude 22°, 51', 47". See AURICA.

Sec CAPRE.

CAPER. Sec CAPER.

CAPERA, To The Or Days, imped by the Tech on CAPERA, in CAPERA in C

quently keep at Undertraining, and even laware more GAFFORA. See Conterner.
GAFFORA. See Conterner.
GAFFORA See Conterner.
GAFFORA See Conterner.
GAFFORA SEE CONTERNER.
GAFFOR SEE CONTERNER.
GAFFOR

his Hand. The Car CAPIAS, a Writ, of two forts; one before Judgment, call'd Carina ad Refeondendum; in an Action Perlonal, when the Sheriff, upon the first Writ of Diffress, returns, Nibit babets in ballow noftra. The other is a Writ of Execution after Judgment, which is all of various Kindr; as,

Castas ad fattifactendum, Capias pro Fine, Capias Utlega-sum, after Judgment, &c. Tame, atter Judgment, e.g.c.

CAVIAS and fairty-feiendam, is a Writ of Execution after
Judgment; lying where a Man recovers in an Adijon Perlonal, as for Debe, Dimmage, e.g.c. in which Cales, this
Writ iffuces to the Sheriff, commanding him to take the
Body of him againd whom the Debt is recovered; who is

When the critical wholes the Debt is convoted a she is to be kept in Finder till he made Satisfaction.

Corata conducts of projections are original Wife, he has consensed to feer the King by the correct of the correct of the correct of the correct of the King is what a Classific of Market and the Corac and th

dichange is according to the Jadgment: By this Witreterious, his Body's to be taken, and committed to Priterious, his Body's to be taken, and committed to Pricertain the Committed to Private the Control of the Control
Cartax Citigatum; a With which lies again one one
with upon any Action, Perfend to Criminal; by which the
profits that the Control of the Control
Language of the Control
Language of the Control
Language of the Control
Cartage of the Control
Cartage of the Control
Language of the Contro

CAPILLAMENT, literally figuifies Hoir; being form'd of the Latin Copillus, of Copill; q. d. Hoir of the Head. Hence the Wood is figuratively apply'd to feveral things, which, on secount of their Length and Finencis, etchnically the state of the Copil in the Copil i Hairs : As,

A P CAPILAMENTS of the Norven, are the fine Fibres, or Filancean, whereof the Norven are compaid, 'I see Filancean, whereof the Norven are compaid, 'I see The Capital Compains and the Filance and the Filance and the Capital Compains and the Filance Capital Compains, once usually carll Scening, received the final Themse, or Harry which good way in the Capital Capit

TION, ÉG.

CAPILLARY, or CAPILLACEOUS Plents, are a Species of PCAPILLARY, or CAPILLARY of The Young, and instance of growing.

The standard from their Young, and instance of growing.

The standard from their from the Head: They grow from the Ground, like Hairs from the Head: They grow from the Ground, like Hairs from the Head: They grow from the Ground, like Hairs from the Head: They have been the Ground, like Hairs from the Head: They have been the Head of their Law of the Head o

Name. See PLANY.

The Copillories are diffinguished into those with an undivided Leaf, as the Hemmonitis, and the Phyllins; or with a fingly divided Leaf and these have the Leaf either are becamed in turn one divided into Pinne, clear home with a furph divided Least, and thefe, have the Leaf either can, o rigged in he use divided into Prense, clear home to the main kib; as, Polyderma, Lenchritz, Sodispendera, to the Rills, and honge like Prense; as the Cleans filed Martins, and the Pretermans; Others have the Leaf dos-bed to the Rills, and honge like Prense; as the Clean filed Martins, and the Pretermans; Others have the Leaf dos-bed like the Rills of the Rills of the Rills of Martins, and the Pretermans; Others have the Leaf dos-bed like the Rills of the Rills of the Rills Hamourin Mathfilds, the Files Man, Files Paulprin, Fi-les Seasthii. The Chalestone sides, and argons; and find it has Branche, then lines living the Rills of the Rills find it has Branche, then lines living the Rills and Rills find it has Branche, the Rills Readers of Farefi, has the Rills Rills of the Rills Rills of the Rills and Rills Files Euroth, or Opinated Rigolis; the Felix mat Remo-rations, and the Droppills argae. ridum, and the Drioptefis niera.

Name, and the Drieptetts myrs.

All the Capitalizers are reparted of ule in Medicine, effecially in the making of Syrops; to which, wonderful Virtues are attributed. But, in effect, only the Capitlary of Montpelliter, Advantiums album Montpellette, and that of Ganada, Advantium album Canadanfe, are regularly used.

of Genelas, debauthom album Canadensis, are rispativity will for that Partipols: The cell only factor to countertain tem. The Antiens thought that the Capillarias were all without Book and the Genel of the Moderny, particularly 2006, and the Capillarias were all without the Capillarias with the Capillarias was a second other of the more are the Capillaria. But 20 million was called a second of the more are the Capillaria was observed on with diffusion of the Capillaria for the Capillaria more Cardinity is belled up, the Capillaria or Common San, and them the best by half than a final grain of common San, and the San and Sa 100 Soods. See SEED.

100 Soeds. See SEED.

Carita.Ray Tubes, in Physicks, are little Pipes, whose Canals are the narrowest possible; nor fuch, whose Diameters do not exceed that of a common Har; for none the can be made: The Diameter of Capillary Tubes, is a half, and the can be made:

ten do not exceed that of a comion Hair's for none fash can be mude. The Dimenter of Capitary Tokes, its a highest a few and the control of t open Air.

CAP

Others, at Nr. Itanajan, Ro., have records at the Astrolicio of the Other Astrolicio of the Other Astrolicio of the Other Astrolicio of the Other Astrolicio of the Astrolicio of the the Phonomenon obtains; but in Mercury the very contra-ry is found: the Fluid in a Tube, not riting so high as the Level of that in the Veffel; and the Detect being found

the greater as the Tube is fmaller

the greater as the Tube is fmiller. We mail, therefore, recent to D. Jiriri's Solution of this Phenomeron, which is well fupported by Experiments:

'The Sulpreimon of the Water, on that Genelinana's System, et al. is owing to the Artrackion of the Petiplery of the concave Surface of the Tube, to which the upper Surface of the "Water is contiguous and adheres?" This being the only Part of the Tube, from which the Water mult receded up-Where the configuous and antheres is that offers there only one as the configuous and antheres is the configuration and in faintfully and configuration, the only one which, by the Force of its Cheidman and Armstiton, espekia the District of the Configuration and the Effect is in pregarit, the Problems and the claim are both in the finne Proportion as the first the Configuration and the Configuration and the Configuration as the first the Configuration as the first the Configuration and profit by the Profit by the Configuration and Profit by the Profit by the Profit by the Configuration and Profit by the Pro

CAPILLATION, or Capillary Fracture, according to

can fearce be perceiv'd; but yet often proves mortal. See CAPISTRUM, in Surgery, a Bandage for the Head.

CAPITAL, of the Latin Caput, is us'd on various Occa-fions, to express the Relation of a Head, Chief, or Princi-

Thus.

PAIL: IMM,

CAPITAL City, indimates the principal City of a King,
dom, Province, or State: as Landon is the Capital, or Capital City of England; Mofeour of Ruffle; Conflantinople
of the Ottoman Empire; Resens of Normandy, &c. See
Matropoles, and City.

of the Gimman Empire; Rame of Normanofy, Sec. Sec. Microscotas, and Cry. Study. In Commonce, in the Faul, or Study. In Commonce, in the Faul, or Study. Of a rading Company or Compention; or the Sum of Moncy they jointly intensity, commissee to be carried to the Company, as in first Earlier, was 1989; I. Strelling, which was a stremand a solution, and in now compand at 1979; I. p. of Johnson to Vote in the General Court theore. The Power gives by Parliament to the Study Sec. Company, to increase their Capital, was the Court theore, in the wide thights the Colminal to Court at Court. The Power gives by Parliament to the Study Sec. Court at Court in the White Indicate the Capital, was the Court at Court in the White Indicate the Court at Court in the White Indicate the Capital, was the Court at Court in the White Indicate the Court at Court at Court in the White Indicate the Court at Court at Court and Court at Court at

CAPTYAL, in Architecture, the apperment Part of a Co-lumn or Pliafter, serving as the Head or Crowning thereof; plac'd immediately over the Shaft, and under the Entabla-

re. See SHAPT, and ENTABLATURE. CAPITAL of a Column, properly, is that whose Plan is tound, See Congain,

CAPITAL of a Pilafler, is that whose Plan is square; or at least rectifined. See Pitantum.

The Capital is a principal, and effectial Part of an Ordet, of Column or Pilafter; it is made different in the different Colors or Pilafter; it is made different in the different Orders; and is that which chicity distinguishes

different Orders; and is that which chief and characterizes the Orders, See Onders.

The Tukan Carran, is the most fimple and unidom'd:

"The Tiphen Carry II, it he woll fimple and undorrid: 11 Members, or Para, are but there, is an Adwars; as well at his to Post, or Guarter Round; and under that, a Nock, or Caderina. The Neck estimates in an Affreya's Nock, or Caderina. The Neck estimates in an Affreya's The Charder of this Gayini, whereby it is diffingulful. The Charder of this Gayini, whereby it is diffingulful. The Charder of this Gayini, whereby it is diffingulful. The Charder of this Gayini, whereby it is diffugational. The Charder of this Gayini, whereby it is diffingulful. The Charder of this Gayini, whereby it is diffingulful. The Charder of this Gayini, whereby it is diffingulful. The Charder of this Gayini, whereby it is difficult to the plant of the Charder of the Charder of the Charder of the Control of the Gazes. In the Typic Charder them to the Correct of the Gazes. In the Typic Charder them. the Userces of the Abacus. In the Trajun Column there is no Neck; to the Affraged of the Shaft, is confounded with that of the Capital. The Height of this Capital is the fame with that of the Bufe, viz. our Module, or Semidiameter. It Projecture is equal to that of the Circum at the Bottum of the Column; viz. § of the Module, See

Tescan.

The Davic Capital, befide an Abacus, an Orolo, and a Nock, in common with the Taften, has three Annulets, or little square Members, underscath the Orolo, in lice of the Affragal in the Taften; and a Taion, Cima, or Ogec, with a Fillet over the Abacus. Authors vary, too, Ogec, with a Fillet over the Absens. Authors vary, too, as to the Osarafters of this Ceptical: Pelladia, Vigorda, occuper Rofes under the Corners of the Absent, and in the Neck of the Capital. The Height of this Capital, Virrurous, &c. makes one Modale; and its Projecture 37 Mi-

notes and an half. See Donge.

feven Tenths.

ments and an half. Sec DORIC.

The Raine Captrant is composed of three Parts; an Abacus, confilting of an Ogec and a Fillet; under this a Rind, which produces the Volutes, of Strolls, the most effective Part of this Captral Part of this Captral; and at the Bottom, an Ovolo, or quarter Rouad: The Adragel, under that Ovolo, belongs to the Shaft; the middle Part is called a Riod, of Bart, from its fuppood Redemblance on the Bart of a Tree laid the Shaff; the middle rare is called a roles, or based from its fuppos'd Refernblance to the Bark of a Tree laid on a Vafe, whose Brim is represented by the Ovolo; and cleeming to have been shrank up in drying, and to have twif-ted into the Volutes. See Volutes, and Scrott. The ton mee the volutes. See volutes, and school. The Ovolo is adorn'd with Eggs, as they are fometimes call'd, from their oval Form: The Greek; call it the Echinos. See Ecunos, Eco, Ec. The Height of this Capital, M. Perrant makes 18 Minutes; its Projecture one Module,

feren Tenha.
The Differences in the Charafter of this Capital, flow modify from the different Managements of the Volutes; and conflict in this That in the Arightee, and forme of the Modern, the Eye of the Volute surfaces not the Allandi Modern, the Eye of the Volute surfaces not the Allandi Modern make it. That the Pace of the Volutes, which until the Modern make it. That the Pace of the Volutes, which until the Modern make it. That the Pace of the Volutes, which until the Modern make it. That the Pace of the Volutes, and is foreigned in the Annique. That the Bordor, or Rim of the Send! in the Volutes, is fooreigness or only a platin. is frequent in the American. That the Bootle, or Alam of Secrey, as collisarily, but the Sweep's accompany'd with a Rible. That the Loaves which irecid the Billistic, are That the Loaves which irecid the Billistic, are That the Loaves which irecid the Billistic, are Constant to the Constant of the Inner, to make a Rogelindry between the Inner Copylind has been aired, and the Gor Farsen made this, by while the constant of the C

Fice. See losse.

'The Crimbiana CAPITAE is much the richeit: It has no Orolog and fire Absona is very different from their defeated to the control of the c See lonic.

Enic, are here 16; four on each tide, under the four Hotns of the Abacus, where the Volutes meet in a finall Leaf, which the Abacat, where the Volutes meer in a final Itali, while turns back rowards the Camer of the Abacat. The Leaves are divided, each making three Ranges of leffer Leaves, are divided, each making three Ranges of leffer Leaves, are divided, each making three Ranges of leffer Leaves, and the Ranges of Leaves and the Ranges of Leaves, and the Ranges of Leaves. The model Leaves, in the Camera of Leaves, in a Friendra Leaves. The middle Leaf which heads down, in parent into lettern. In the Middle, over the Leaves, in a Friendra Ileaves, in a Friendra Leaves, in a Friedra Leaves, in a Friendra Leaves, in a Friedra Leav

Some and Volues, Ille she Sode in the About. The Highe of this Ceptat is we Modeles e, and in Peigelure on C.;
The Differences in the Charder of this Ceptat, see, the Leaves are in form of the tent in Firments, etc. the Leaves are in form of the tent in Firments, etc. the Leaves are in form of the tent in Firments, etc. the Leaves are infairly morphily the undersord being made commonly tilled, finenties flowerly in 6 mentions that Leaves are infairly morphily morphily to the former the Bount. The after the Row generally belly out towards the Bount. The offen finentimes fleight; former the Herns of the About are flangs at the Corners, which former agreeable to the Three is formed fifty, but they are more commonly one off. Three is formed fifty, but they are more commonly one off. Three is formed fifty, but they are more commonly one off. Three is formed fifty, but they are more commonly one off. Three is formed fifty, but they are more commonly one off. Three is formed fifty, but they are more commonly one off. Role. Again, the Volutes are formerimes join'd to each other; fometimes wholly feparate: Sometimes the Spires of the Volutes continue twifting even to the End in the Game Coarfe; and fomerimes rum back again near the Centre, in the form of an S. See Contragan.

Centre, to the form of an St. as Co. Once a span near two Centre, to the form of an St. as Co. Once a span near two Centre of the Centre of the Centre of the Column. The Centre of the

The Differences of the Character or this Lapins, comming this; that the Volutes, which ordinarily delected, and touch the Leaves, are in forme Works of the Antique feparated from them: That the Leaves, which are generally unequal in Height, the lower Rank being talled, are formetimes equal: That the Volutes of the Moderns generally unequal in Height, the lower Rank Esing tulled, are Gene-trine equal; The the Volume of the Modern generally, furing out of the Vale; a whereas, in the Antique, they or compared to the Vale; a whereas, in the Antique, they or Crook, without fulling time the Vale; Thus us, over the whole Theight and the Vale; a whole of the Vale whole Theight give the Vale; the theight give the whole Theight give the Vale; and the Vale whole Theight give the Vale; and the Vale whole Theight give the Vale; and the Vale late, which have been hitheren, both by the Anti-theight good lates, which have been hitheren, both by the Anti-theight good which may be a filled, are now made much lighter and more stry; the Folds through bollow, and at a dif-tance of the Vale of the Vale of the Vale of the Vale Anti-theight growth growth growth growth growth growth growth The The Protections of the Secural Memory and the Vale The The Protections of the Secural Memory and the Carlo

For the Proportions of the feveral Members of the Capi-tals of Columns, fee Columns. See also said Member un-der its proper Head; 21, Abacus, Acanthus, Volume, ECBINUS, Ec.

Resinus, U.S.
Some Architechs dilitinguish the Tuston and Doric Copitats, which have no Ornaments, by the Title of Capitat
of Montdery; and the three others, which have Laves
and Ornaments, they call Capitati of Santytore.
Angular Carvata, is that which bears the Return of
an Entablature, at the Corner of the Projective of a Fron-

Captral of a Balluster, is that Part which crowns the Balluster; which formetimes bears a Refemblance to the Capitals of forme Calumns; particularly the Lonic, See Bal-

EXPERIMENT of a Triphyle, in the Plat-band over the Tri-CALFIELD of Triphyle which does Tracture. The Jonetimes also a Triphyle which does the Office of a Ca-talon of Superior of the Triphyle which does the Office of a Ca-CALFIELD of a Nucley, it is kind of little Canopy over a failuber Nichey, covering a crossing a Sunce. See Nicesa. That the Triphyle of the Triphyle of the Triphyle of the foun the Angle of the Polyson, to the Data of the Band-foun the Angle of the Polyson, to the Data of the Band-foun the Angle of the Polyson, to the Data of the Band-foun the Angle of the Polyson, to the Data of the Band-foun the Angle of the Polyson, to the Data of the Band-on, or from the Peter of the Bandion to the Middle of the Conge. The Capitals are from 3 to 40 Euler band where the way

pitals to a pitch of Extravagance; making it a Rule, is begin almost every Sublitantive with a Capital; which is a manifeld Pervention of the Define of Gapitals, as well as an Officne against Beauty and Diffineheck. Some of em begin sow to retreach their inger-fluore. Capitals, and to tall ince the Medicare of the Printers of other Nations. See Learning, Capitals, and particular of the Printers of other Nations. See Learning, Capitals, and particular of the Printers of other Nations.

the Medispes of the Armondania Plantisto.

TARS, GRABACTERS, and PARNISTO.

CHITATAE Plante, in Boumy, are fach Flants whole Control of the Flower) medit stally fruction into a large and road Bolly, containing within it the papeous Society as in Cardonia, Centamy, Knapaveré, Cintro, Ciritum, Largest Flantiston, Centamy, Knapaveré, Cintro, Ciritum, Largest Flantiston, Contamy, Knapaveré, Control Control of the Control of th

CAPITATION, or Poll-Money, a Tax, or Imposition raised on each Perion, in consideration of his Labour, Industry, Office, Rank, &c. This kind of Tribute is very

med, Chem, Sec.

CAPITATION, or Phil. Menoy, a Tug, or Impolition, CAPITATION, or Phil. Menoy, a Tug, or Impolition and CAPITATION, or Phil. Menoy, a Tug, or Impolition and Capital, Chem, Sec. 11 and Sec. 12 and Capital, Chem. 12 and Chem. 12

in there were Rewards and Crowns beflow'd on the Poers, and put on their Heads by the Emperor himfelf. Thee Games became for celebraced, that the manner of accounting Time by Leifres, which had obtain'd till then, was chang'd; and they began to count by Capitoline Games, as the Greeks by Olympiads. The Feat was not for Poets alone, bur also for Champions, Orators, Historians, Come-

auos, put ano se Champions, Orators, Historians, Comedians, Magicians, &c.
CAPITULAR, or CAPITULARY, an Act pas'd in a Chapter, either of Knights, Canons, or Religious. See Chaptes.

The Capaculars of Charlemaigu, Charles the Bald, Se. are the Laws, both Ecclefishical and Civil, made by thole Emperors, Se. in the General Councils, or Affemblies of the People: which was the way the Conflictions of most

Some diffinguish three kinds of Capitularies, according to the Difference of their subject Matter: Those on Eccles-attical Affairs, are real Canons, extracted from Councils;

the Difference of back tablect Matter, Thole on Excidi-tion of Security Hallin, and Laws , table entitions are backed on Security Hallin, and Laws , table entitions are related to the control of the control of the CAPTULATION, a Tracty made with the Caefine of the Captulation of the Captulation of the der thandives up, on certain Articles, and Candidies Hi-pation of the Captulation of the

CAPITULUM, in Bossay, the Head, or fowering up on any Plant; being compared of many Leaves and Threads, on Samuns, cloidly connected in a globous, circ. The state of the Capital Control of the Capital Capital

made therein.

CAPRA, She-Gost, a Conflellation in the Northern He-misphere, consisting of three Stars, comprized between the 45th and 55th Degree of Latitude. The Poets say, 'ds

milphere, confilling of share Stars, computed between the applies of share Stars, computed between the applies of Lattice, "The Peen fay, "Th

See Craxper. See CLASPER.

CAPREGULATE. Plante, are fuch Plants as turn, wind, and climb along the Surface of the Earth, by means of their Caprooli, or Tendrils; as Gourds, Melons, Cucumbers, Sc., See CLASPERS.

ber, Br., Sec CLASPERS, in Afternoomy, one of the Signs of the CAPRICORN, in Afternoomy, one of the Signs of the Zedisck, mark'd thus "N. Sec Signs."

The Amiliars accounted Capternoom the 10th Signs and when the Sim arriv'd thereat, it made the Winter Sollifice, when the Sim arriv'd thereat, it made the Winter Sollifice, when the Signs and "I could the Eath, Capternoom's now the 11th Signs and it at the Sam's Entry late Signitury, that

the Solitice happens: the the antient manner of fipealing is full retaind. Set Solverers, and Parezasson. Thus Sign is reprediented on antient Menuments, Models, &C. having the Fore-part of a Gest, and the Hind, yet as the Form of an AEgypau: Sometimes, firstly which is the Form of an AEgypau: Sometimes, firstly when the Form of a Gest.

ply under the rorm of a treat.

The Stare in the Confidence of the recording and Tybelo's Catalogues, are 33 Mr. Fleneflend, in the Britanne Catalogue, makes near double that Number, no. 5. The Order, Names, Longitudes, Latitudes, Magnitudes, & whereof, are as follow.

Stars in the Confiellation CAPRICORN. Noises and Stration of Canginude, Latitude.

200 02.00		٠	,	"			п	- 1	9	
	100	18	6	58	7	17	4	B	7	
In the Extrem of the preced, Horn		28	10	18	7	13	18	B	6	
				41			34		6	
The preced. Star in the fub feq. Horn		27		19	7		23		6	
		*7	*/	17	7		3.1	"	4	
The last of the configuous Stars		29	23	2.1	6	48	6	B	i	
That under the Eve		x8	ST	44	0		29		6	
The middle Star in the febree, Horn	22	0	6	56	6		52		6	
Most South of ; in the subject Horn	20	29	43	57	4		17	В	3	
Foremost of 3 in the Nose	240	0	23	55	٥	56	6	Б	6	
North of thefe			6.1	9		**	17	R		
South of those in the Nose				10	ô	26	.,	B	5	×
		3	18	57	3	19	9 30 16	B	6	
North of two in the Nock		3	58	44						
More South		3	10	53	0	15	46	B	6	
That under the upper Knee				11	١.					
That under the upper Knee				59						
In the lower and bent Knee		2	37	32	8		51	A	6	
		6	47	14	0	18	9	A	6 .	٠
				16	1	41	10	A	6	
10					1					
Preced, and Nor, of 3 in Mid. of Body			17		0	29	38	A	6	
Preced. of a in the Back			* 7	55 40			43			
That in the Shoulder				46		55	38	A	13	
South in the middle of the Body		8	57	53		zi.	8	A	6	
Second in the middle of the Body				57	3	36	46	Δ	6	
Laft of 3 in the middle of the Body			32	7			9			
and or 5 in the amount of the body				17		-7	40	5	100	
		12		37			23			
30					1					
			16			39	3	A	7	
Subseq. of 2 in the Back			21	50	1		13		15	
1st of contiguous ones under Belly		12		35			36			
a guodo ones unon beny		13		92			37		1 6	
35		- 7			1'	100			ľ	
Subfeq. of the fame		15	19	10	6	21	45	A	6	
			IC	57	15	22	15	A	6	
Preced, in South, Fin		15		37	15	31	19	. A		
Preced. in Root of the Tail				52	13	56	18	. 4	4	
40		*/	0,	40	1 °	5 *	10	a	1	
		15	43	16	18	53	48	Δ	16	
		18	40	49	0	. 3	13	A	16	
Subfeq. in South, Fin		17		5	14	43	36	A	1 5	
Preced. in North Part of the Tail				46	0	37	44	A	6	
Subfequent 45		19		0	1	3	54	A	6	

Subfeq. in North, Part of the Tail 22 21 29 12 0 39 10 A Tropic of Carraconn, a leffer Circle of the Sphere, stalled to the Equator; passing thre the Beginning or

21 5 32 4 13 51 B 21 19 31 3 56 38 B 20 41 4 1 57 24 B 19 13 14 2 12 19 A 20 36 58 1 38 24 B

Capricorn. See Troppe.

CAPRIOLE, in Horfemanship, the Gast-leap; is when an Horfe, at the full Height of his Leap, jerks our with his hind Legs as near and even together, and as far out as he can firetch them; in which Action, he clacks, or makes a noise with them. The Capriole is the most dif-

Subfequent North in Extrem. of the Tail

Another, fubfrquent Middle in North, Part of the Tail Subfeq. in Root of the Tail

or makes a noise with them. The Capricle is the most dif-ficult of all the high Airs: There are foveral kinds of Ca-priclet; us, a right Capricle, back Capricle, fide Capricle, broke Capricle, open Capricle, &c. The Word comes from Caprolus.
CAPSQUARES, in Gunnery, are those firong Plates of

CAPSQUARLS, in Gunnery, are thele irreg rates or from, which come over the Truntinos of a Cun, and keep her in the Gerriage: They are fathed by hinges to the part of an Arch in the Middle, to receive a third flar of the Thickensk of the Truntinosa; for two third flar of the Thickensk of the Truntinosa; for two thirds of them are let into the Cartiage, and the other flad is infliend by two Iron Wedges, which are call'd the Forelecks, and Keess.

CAPSTAN, or CAPSTAND of a Ship, a large Cylinder, or Barrel, plac'd perpendicularly on the Deck of a Ship, and turn'd by four Levers, or Bars, which cross it; and by means of a Cable, which winds round the Cylinder, ferves to draw up walt Burdens, fathend to the End of the ferred to dow up will Bardene, failined to the End of the Childs. By the Coffeen it is, that Verleifs are drawn a floar, and facilited up to be related; the heavier! Goods are unbaded; Ancient weight, 43, this holited, §C. There are two Conferent in a Verlei; the Mirro piace behind the Minimati, fainable on the first Deck, and exaching done for Feet above the fectord. "The alloward of excluding the because from your Deck to Mind the particular of because it Force may be decreased in the property of the conference of the conference of the property of the con-tract and the contract of the conference of the con-tract and the contract of the contract of the con-tract and the contract of the contract of the con-tract and the contract of the contract of the con-tract and the contract of the contract of the con-tract and the contract of the contract of the con-tract and the contract of the contract of the con-tract and the contract of the contract of the con-tract and the contract of the contract of the con-tract of the contract of the contract of the contract of the con-tract of the contract of the contract of the contract of the con-tract of the contract of the contract of the contract of the con-tract of the contract of the contract of the contract of the con-tract of the contract of the contract of the contract of the con-tract of the contract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the contract of the con-tract of the contract of the contract of the contract of the contract of the con-tract of the contract of the contract of the contract of the con-tract of the contract of

ing and stopping it.

The Jeer Capflan, or little Capflan, stands on the second Deck, between the Mainmast and the Mizzen: Its use is, Deck, between the Mainmitt and the Missen: Its ufe is, chiefly, no beare upon the jeer Repe, or to theave upon the Viol, to hold off by when the Anchor is weighing; and other Occasions, where a left Spree is required, than to weigh the Anchors, 65°. The Terms belonging so the did not the Capfelian, are, Come not Engline, that is, links: the Cable which you heave by in which Send allo they claumed our left Capfelian.

from going back. from going back. The French call that an English Capsism, where there are only half Bers used; and which, for that Reason, is only half perforated: This is thicker than the others. There is also a fixing Capsism, which may be moved from

There is also sping Gaffatt, which may be place to place.

AffSULA, a Diminutive of the Latin Capfa, literally place to place.

AffSULA, a Diminutive of the Latin Capfa, literally affine a property of the place of

Actives, or rippins are income. OUR PRITT.

CASSULARY Plants, Capitatae Plants, are fuch as have a terraporalous regular Flower, conflitting of four diffined Perala in each Flower, and which bear their Seeds in fhort Capitale, by which they are diffinguished from the Silizunes, which have their Seed in long Caico, or Capitales, which have the long Caico, or Cap fule seminales; and all the other Branches of this Genus of

Fiants.

CAPSULE Arabilares, in Anatomy, call'd also Renes facconsariati, and Glandaule Reneales; are two Glands fuza en near the Renins, call'd Arabilares from a black Liquer found in their Cavity; and Succenturiati and Renates, from their Position. See Succentrality. Bilars, and

Deverse

They are about the bigness of a Nun Vomica; their Fi-gures are somewhat various; in some round, in others tri-angular, square, Se. The Membrane wherewith they are pures six famewhet various s in fome round, in others triringular, figures, [5]. The Membranes wherevolv the syssimples, figures, [5]. The Membrane wherevolv the sysball. Their die is very oblicare; probably us to ferete
the late. Humon found in their Cavity, which being arterwards dicharge is yether blood into the Emulgara, misses
according no others, only to dilute to Thickeris! In a Fatrans, they are should as big as the Kidneys. See Britz.
CAVELLA GAMMANI, of the History, is a Membrane
CAVELLA GAMMANI, of the History, is a Membrane
the Four Forest, after in Estance into the Liver, as a
Coff, or Covers; dividing it fell into the fame Number
of Branches; and accompanying all, even in finalest RuBlawdie Incident for Purm Blitzing; whence it also the

mineations. See Four A. The tame Caffilla, or Membrane, likewife inclose the Powrs Bilierius; whence it takes the Name of Caffilla Communis. See Pours Bilanius. Carvan. Cordis, a Membrane investing the Heart; more usually call'd the Pericardium. See Praicardium. Carsum. Sominales, are the fame with Vesseula Sominales.

males. See Visicuis. Semmales.

CAPSULA, in Chynifty, is an Earthen Veifel, in form of a Pan; wherein things are frequently plac'd, that are to undergo very violent Operations of the Fire.

CAPTAIN, a Military Officer, whereof there are various Kinds and Degrees, diftinguish'd by their various Commands : As,

Commends: As,

CAPTAIN of a Campany, or Troop; the Officer who
commands a Company of Foot, or Troop of Horle, under
the Colonel. See COMPANY, and TROOP.
In the like Seule, we fay, A Captain of Dragons, of
Grenadiers, of Marines, of Invalids, &c. See Dragoon,

Gremadiers, G.

In the Horic and Foot Guards, the Captains are styl'd Colonels; being usually Perfons of the prime Nobility, and General Officers of the Army. See COLONEL, and

GUARDS. In the Colonel's Company of a Regiment, i. e. the first

Company, or that whereof he himfelf is Captain, the com-manding Officer is call'd Captain Lieutenant. See Cap-

manding Officer is cill'd Ceptum Lieuweinn. See Carstats Lieuwein.

Methods of the Compion under the Critists,
and in his ablence. See Lieuweinstein. Seemal or the
Officer who commands the Compiony under the Critists,
and in his ablence. See Lieuweinstein. In Seme Compion,
Carwan Lieuweinstein his who commands at Troop, or
Carwan Lieuweinstein, he who commands a Troop, or
Carwan Lieuweinstein his who commands a Troop, or
Canguary, in the Name and Place of from other Fericis.

Quality, from performing the Function of his Polt. Than,
Campany of his Regiment, that Compius is commanded
by the Depart, under the Tribe of Ceptum Lieuweinstein

Mandelle, Ceptum Compius of his Regiment, that Compius ja commanded
by the Depart, under the Tribe of Ceptum Lieuweinstein

Capturing of his Regiment, that Compius ja commanded
by the Department of the Tribe of Ceptum Lieuweinstein

Lieuweinstein Commanded the Compius of th

without any Poft or Command at all, See REFORMED.

CAPTAIN General, of an Army, is the General, or Commander in chief. See General.

CAPTAIN of Militia, is he who commands a Company of Train'd-Sandy, or Light-Pofe. See Militia.

CAPTAIN, in the Turkifb Empire, and Army. See Ca-

CAPTAIN of a Ship, is a Sca Officer; whereof there are two Kinds; the one of a Ship of War, the other of a are two Kinds; the one of a Ship of War, the other of a trading Veffiel.

CALTAIN of a Man of War, is the commanding Officer of a Ship, Galley, Firefhip, or the like: In fuch Veffels, the Pilot commands the Seemen, and the Captain the Sol-

the Filot commands the Seamen, and the Captain the Sol-diers, or Mainer. See Markins.

Captain of a Merchant Ship, is the Mafter thereof; or he who has the Command or Direction of the Ship, her Crew, Lading, Ge. This Officer is more ordinarily called the Mafter; effecially in ordinary Voyages. See Master

of a Ship. of a Sosp.

On the Mediterranean, he is call'd the Papen or Patrons; and in great Voyages, as to the Eaft Indies, Somb Sea, Sec. the Captain.

Sea, &c. the Captain.

The Propictor of the Veffel appoints the Captain, or Moffer, and the Captain is to stem the Ceso, that is and the Captain is to stem the Ceso, that is and the Captain is to stem the Ceso, what is additioned to the Captain is suited by the Captain in Ca

CAPTIVE, a Slave, or Person taken by the Enemy; articularly the Pyrates, and Corfairs. See SLAVE, Pr-

CAPTURE, a Prize, or Prey; particularly that of a Ship taken at Sca: Thus we say, The French Captures, to the Namber of as, were brought into Port; see Parsz. It is also an Arrest, or Sciaure of a Criminal, Debtor, &c. at

alfo an Arreft, or Selaure of a Crimman, Douver, ochada, See Satzwar, and Analts:
CAPUCHINS, Religious of the Order of St. Prancis,
in in thickel Observance. See FRANCISCAN. The Capuchins are thus call'd, from Capuer, or Capuelons, a fluif Cap,
or Cope, wherewith they cover their Head. They are
clothed with Brown, or Gray y always bare-footed; are
no in a Coach, nor ever flave the Beard. The never to go in a Coach, nor ever shave the Beard. The Capuchins are a Reform made from the Order of Minors, never to go in a Couch, nor ever flave the Beard. The Copulsions are a Reform much from the Once of Microson, Coupling the Coupling of St. Francis to the Letter. Upon this, he made Application to peer from the Coupling of the Coupling of St. Francis to the Letter. Upon this, he made Application to peer from the Coupling of the Coupl

to the Eldest Daughter, cateris filiabus aliunde satisfactis. See Banony.

(157)

CAPUT Directoris, or the Director's Head, in Altronomy, the Name of the Moon's afcending Node. See Dragon's-Head; fee also None.

Hed. i se also Nour.

Caver Gillinguig. Gelili Gellinett, Ock's Head, is
Caver Gillinguig. Gelili Gellinett, Ock's Head, is
Caver Gillinguig.

Gelili Gellinett, and the desiration of the control of the control

of Agrettuce of each of the Pollinett, and the first reference

of personnel of the property of the chort. Some

will have it sail to be, to prevent the Societ, from rathing

upon, and fo flopping the Difcharge of the chort. Some

will have it sail to be, to prevent the impact of the Societ

out, except when stilled by the Compection of the fair
country Europe and Tooylatton is Bet this, according to

De Drake, it sether the Office of a diffield Curence placed

at each Orline, and ching as a Valve. See Vastreaux

Seminales, SEED, and GENERATION

Seminates, SEED, and GENERATURE
CAPET METHUM, in CRAPHITTY, the Faces remaining of
any Body, after all the volatile and hamid Farts, as the
Phlegm, Spirit, Salt, &c. have been certached thereform,
by Force of Fire. What remains after Diffillation, is only
reportly call & Facet. See Faces. E er it be Caput Morroom, it must likewise have passed the Retort. See Dis-TILLATION, and RETORY.

FILELTON, and REFORT.

The Capta Meritans, call'd allo Terra damante, is food in form of a finable, perous Marces, without Talle and fuppor'd to contliance the dry, field, early, and fippor'd to contliance the dry, field, early, and fippor'd to contliance the dry, field, early, and filed Farle of all mix'd Bodles. As an Element, it is more commonly expected by the Name Zerb, beek Early, and the dry of the dry of the Captain Ca

The Term is femetimes more immediately reflrain'd to the Remains of Vitriol, after Diffillation; otherwife call'd Calcathar Vitrioli. See Calcothar.

The Caput Mortsson is never pure, but there is fill fome active Principle remaining in it, and particularly a fax'd Salt. See Salt. Thus the Calcuthar Vitrioli, exos'd to the Air, is re-converted into Vittiol. See VITRIOL 4

c also ELEMENT. CAR, CARR, or CARRE, a kind of rolling Throne, 'd in Triumphs, and at the fplendid Entries of Princes.

s'd in See CHARIOT Plusareb relates, that Camillus having enter'd Rome in Triumph, mounted on a Car drawn by four white Horses, it was look'd on as too haughty an Innovation. See Tra-

Can, is also us'd for a kind of light open Charies. Pou-tauss, L. III. de Stellis, observes, that Ericthenius was the first that harness'd Horses, and join'd 'em in a Car, or

Chariot. See CHARIOT.

The Word is from the antient Gastiffs, or Celtic, Carr;

mention'd by Cafar, in his Commentatics, under the Name

The Car, on Medals, drawn either by Horfes, Lions, or The Car, on Modals, drawn either by Haefes, Lions, or Elephans, usually fignific, either a Trainsty, or an fignification of the Images of the Gold, Relative to the Control of the Carlos of the Carlo

Pauler. See Assens.

CARABINS, a Freed-rm, or little Harquebuft, with a CARABINS, a Freed-rm, or little Harquebuft, with a CARABINS, a Freed-rm, or little Harquebuft, and the residence of the Firms table in code, lightly, which carry the Ball to a very good off-the Firms that the seed friendly, which carry the Ball to a very good off-the Hard firms of the Firms of th to do other Offices requiring Expedition. There are fill fome of those Carabineers in the French Horse; two in each Con

Gaja derives the Word from the Spanish Cara- and the Latin binus: Intimating the Carabinsers to be People with two Faces, from their manner of Fighting; formetimes ad-

and fometimes retiring.

vancing, and lometimes retiring.

CARACOL, in the Manage, a Motion which the Cavalier makes half round; or a half turn from Left to
Right; changing Hands; that his Enemy may be uncertain on which fide he intends to attack: whether in Front,

Caracot, is also the half turn each Horseman in an Army makes after his Discharge, to pass from the Front of the Squadron to the Rear. The Word comes from the Arabic, and that from the Hebrew, Carae, involvere. But

we have it immediately from the Spanifb; where it fig-nifics properly a Snail, and figuratively the Evolution de-ferib'd above. CARACO: is fometimes also us'd in Architecture, for a Suircase in a Helix, or foiral Form. See Syangase. CARACT, CARACT, or KARACT, is properly the Name of the Weight, which expresses the degree of Goodness, Title, Perfection, or Imperfection of Gold. See

The Coiners fix the highest Purity and Perfection of Gold at 24 Carats; and the several Degrees are estimated from the Divisions hereof, which are call'd Grains: But Cold et a La Lestei ; a not the sextest acquee are estimated that the cold is a contract to the cold is contract to the cold i

Piece, or 192 Grains

Piece, or 1930 Cranss.
Monage, from Alleiat, derives the Weed Carat from the
Greek segms, which was a kind from all Weight: But Swout, with mace probability from zeegms, a Tribute-Penny, or finall Coin firuck for that purpole. Others do-rive it fimply from the Lettic Gazarder.

Others do-rive it fimply shound y all on weighing Diamonds
and specious Shoune's and conflict for Gor Grains. See Dia-

MOND, and GRAIN.
Thus, the Grain Alogo?s Diamond is faid to weigh 279
Graefit. Thefe Grains are fomewhat left heavy than thofe
used in Gold, \$\frac{1}{2}\$ fc. In this Sende, the Word is fingped to
be derived from the Grack Magazine, a Fruit which the Lature call Sidyan, and we Carab-beaus; each of which may
weigh about four Grains of Wheat: whence the Latin Si
**The Company of the Carab-beaus of the Carab-beaus of the Carab-beaus
The Carab-beaus of the Carab-beaus** of the Carab-beaus**

**The Carab-

lique has also been us'd for a Weight of four Grains.

weigh shout four Grainer of Wheet: "wience the Lain Signa hand been and if are Weight of four Grains."
CARATTES, a Seed smoot the nution Ferry in wherefree the seed of the

Text of Scriptor. The other fore give them the editor. Name Scattlerer, from their Agreement with thois Schrict can the Island of Traditions. See SARVECERS. Schrigt of High, and Stantier, and Adjuliance, has be carried to the Schrigt, Manchen, and Adjuliance, has by military and the Schrigt of High, Manchen, and Adjuliance, has by military and the Schrigtor of Algebra and serve thanks on manches of block habese. It is all spobbbility, whi Sech was not form'd till after the Calledino of the focoul Farr of the Tahmad, or the Gemart's prehaps not till after the compiling of the Molling in the Milliam in the III Country. The Caratter hemoletes, preced to another. Wights, from the Manuser's of Manchesters, a Caratter, texters their Origin to a Mathera among the Flowiff Debres, makes effective the Mathera among the Graph Debres, makes efficiently Flowing the Caratter form, the Caratter for the Mathera among the Graph Debres, makes efficiently Flowing and the Queon's Boother, making his Eleope into Egypt, there forg'd his preceded Traditions and at his Recture to Jerushan, publish dhis VII v.

after his own Fancy, and fupporting his Novelides on the Nozice which Gold, he faid, had communicated by the Mount of Molfe, whole Depolition be weat: He gathed monty Followers; and was reported. It was the property of the Communicated of the Nozice was written. Hence the Ferre bearm divided in one we Soch, the Carnitre, and Traditionaries: Among the first, Tyda, Son of Tables, diffusion and the Sochreich, in the Number of Caristre. But the Address of the Financies prevailed against 'em alt; and the Number of Caristre, the Numbe Title Corattes are but little known; their Works coming The Coratte are but little known; a their Works coming only into very few Hands, even among the greateft Hebrafit. Bussorf never faw more than one; 3 siden two; M. Yrighand lays, he has recover decough to freak of them with affurance. He afters, that form after the Prophets had coast, the Jours became divided on the Subject of Works,

curâl, the Jewi became divided on the Subject 6 Works, and Superconjustic norm minimizing their Neccessity from Tradition; whill others, beeping cole to the written Law, for them shade, and it was from their said that Cartarillo the Cartarillo Cartarill PRISTRE The modern Caraites, Lean de Madena observes, have

The modern Carvites, Lein de Moderns chêrers, have their Synapopens, and Germonius pertending to be the folic proper Year, or Observer of the Laws of Moder set-tion of the Carvites of the Carvites of Modern and Robbins: Their has the Carvites mercally a refunding to ally, or even converte with them, and streating them as the Carvites of the Carvites of the Carvites of the Conditions of the Robbins in Marsiages, Republishers, Particulations of Women, 28s. This Avention is to great, that if a Carvite would become a Robbins in Modern that if a Carvite would become a Robbins in the Carvites of the Carv

that if a Caratte would become a Rabbuttif, he would never be received by the other feet. See KABBINS.

The Carattet, however, don't abfolutely reject all kind of Traditions; but only latch as don't appear well grounded. Selden, who is very expects on this Point, in his User Hebratte, obferres, that behigh the more Text, they have Hierarch, observes, that behides the more l'ext, they have certain lacespreadtons, which they call Heredizery, and certain lacespreadton, which they call Heredizery, and to differ from that of the other Jown, in that it is pursa, and clearer of Sapertition: They give no credit to the Explications of the Cabbaillit, chimerical Allegories, nor to any Conflictations of the Thinad, bur what are con-formable to the Scriptore, and may be drawn from it by the control of the Cabbaillity of the Cabbaillity of the three probles influence-quences. Of the dow so fall give three probles influence-quences of Of the or we fall give three notable Inflances.

rices enoble Influence. The first eneme of the Third mean which The first ending the curve show which the mode sufficient The first ending the curve show which the mode sufficient The forcad regarding the Thepitillin or Dividizineria, measured in the first Collamoni And the third, the Problems of the birth of the Collamoni and the third, the Problems of the Sign on the Mindo, and they find fever then as Frontier (Herdellini) because the first third than the first third than the Collamoni and the Sign on the Handle, and they find fever then as Frontier (Herdellini) because the Handle of the Handle as the Rabban da, but figuressely as immuring, that the Teen, whether exciting pering act, fload be always untained of them. See the Teephisian, the Carabier rolly untained of them. See the Teephisian, the Carabier rolly rolling the Carabier rolly the Thougo of Leasther filled of their Rependent (compress generally as the third that the transport of the Teephis them to brilled After. This Pattings the Carabier lowerest generately as on the third teephis rolling is up, in the teephis the teephi "Thou shalt not take the Mother when with young," which is natural. Nor have the Jews any thing to object in behalf of their Interpretation, but its being that of their Doctors. Thus the Caraites exempt themselves from an infinite Namber of Ceremonies and Superfittions, which the Rabbins have established among the other Jews. See

TRADITION.

Yer, in many Things, they retain all the Superfittion of the Rabbins. Schupeer, in his Treatife de Sella Kerrentzur, treating of their Degmats, observes, that they are in all respects as precise and coremonious as the most rigid.

Treditionary, in what relaxes to the Observation of the Subash, Patilwer, Peat of Monement, of Tabernacio, 16c. That they observe Prayers and Follings; and went between That they observe Prayers and Follings; and went for Enterthy of the Carter, or becen of Prings, on the Corners of their Gazz-tan, or pieces of Prings, on the Corners of their Gazz-tan which they differ from the Rabbias, who hold, the form are only effect by Death. As for Circumcidion, they don't believe its centify, with the Traditionated; that them the Blood Read of the Market a Child dits before it be be Blood Read of Add, that when a Child dits before it be when the Corner of the Corner of the Corner of the Market Prover's preparation of the Reditional white Prover's preparation of the Reditional Market Prover's preparation of the Redition of the Reditional Market Prover's preparation of the Redition cight Days old, the Rabbingli circamcife it after via deca-tait it mayer appear uncincumcifed at the Refaredition is whereas the Cartates, when they perceive the Child in Aunge, chufe rather to circamcife it we're beighth Day, Green and observe the time Raties and Reshiftlens in the Views and observe the time Raties and Reshiftlens in the Kinds of legal Imparities and Pollations. The Periogra Observes of the Cartate in Lithmania, that Terringer Observes of the Cartate in Lithmania, that

Terringer observes of the Carataes in Lithousian, that they are very different, both in Afgel, Linguage, and Manners, from the Rabbielli, wherevold that Country they are the Carataes of the Carataes of the Country of the Carataes of the Carataes of the Carataes of the they after interfectors and Synapogues are ported North and South and the Kaston they gave fort. So that, in Paying, to look to Terriform, they want turn to the South. He dids, that they admin all the Books of the Carataes of the Carataes of the Carataes of the Carataes, who sold that there is perfect all bett the 2-rea-te Learners, who sold that they reject all bett the 2-rea-

statunds.

Čatis, a Garaties, reduces the Difference between them and the Robbinght to time. Points: 11i, in that they deleted, 1.4, in that they about the "Educated", 2.4, in that they about the "Educated", 2.4, in that they abotter the "Educated", 2.4, in that they abotter the "Educated", 2.4, in that they abotter the "Educated", 2.4, in that they abotter, the "Educated", 2.4, in the many be abotter, in the "Educated" and "Educated", 2.4, in the "Educated Science Scienc

dicine. "O CARAVIANE in the Esti is a TAN VIANE in the Esti is a TAN WAN many of Travellum, Marchinen and Esti grims, who for the greater Security match in a Body, thire the Deferra, and cober dangerous Places, infelded with Marks and Robbers. See Caravianes Places, infelded with Marks and Robbers. See Caravianes and Commun. and has ander bim a Number of Janiszieric, or other Forces, fulficient for their Defence. The Commun Incarm curry Night eres Wellen or Rivates, known to the Galdes;

cos, futilident for their Defence. "The Corestons incompered year Night next Wish or Ravisate, however to the Gallest and before a Deferition as regular as in War. They thief-ducing a world of fairings, existing little, and pulling home of four Days without drinking, fourth Part of the Revenues of Eggpt, on diving the Expense of the Correston and Eggpt, on Morea, to vitia Mobium's Tomb: The Decretion, in the Carrierans, such bear except secondary to Morea, to vitia Mobium's Tomb: The Decretion, in the Carrierans, such bear except secondary to the Carrierans and Edgest, on the Carrierans and Carriera

and that from the Perfan Kerren, which Injunes to find them.

The state of the stat

encled out of the Chirty and Magnificence of the Prince, U.S. of the foveral Countrie.

These of Stirre and Cestine, in Prefix, are slid to have
These of Stirre and Cestine, in Prefix and the Stirre
plow and Countrie, without any Questions that, or any
Money requird.

The Cirrensesprei are usually been quarte Buildings,
with a fuedous Court in the middle thereof. They are
concepted with Gilleries and Arches, under which mans

The the Coravanfera's ferve in lieu of Inns; yet there is this effential Difference between them and our Inns, that the Traveller finds nothing at all in the Caravanfers, not-ther for himfelf nor his Cartle; but must carry all his Provisions and Necestaries with him. They are chiefly Provinces and Necotiface with him. They are chiefly belief only, horse, defer Places a dar generally fee silfid with Water from a great Dilance, and at a wift Export. There are leveral of can in Clies; where they Carried and the Carried C

In Turky, none but the Grand Signior's Mother and siter, with the Visiers and Bashaws who have been in In Terroy, none out the Arman Maries who have been in three Butter agried the Chriftians, are allow it to build a Cormention. The Word comes from the Tarkith Kernerories, the Word comes from the Tarkith Kernerories, and the Word comes from the Tarkith Kernerories, and the Word Comes from the CARAVANSERAKIER, the Directles, Science, or Increases of a Cormension. At Influence, the care of Corresponding to All publics, the Conductor of a Cormension. At Influence, the Cornection for the Cornection of the Cornection

CARAWAY, or CARWAY, a Medicinal Seed, pro-duc'd from a Plant of the same Name, by Botanists call'd Carve Officenarum, or Cuntimum Pratense. See Seed. Carvo Officenarum, or Communa Pratenfic. See Sulla.

The Seed or Grain of the Carvi or Carsenge, is narrow, longth, furrow'd on the Back, and of a britk aromatic Taile. It is oftened Stomachic, and Directic; difficile Wind, flrengthens Digellion, &c. The Emplify and Germans make great us of it; particularly in Bifacts, Comfits, and other feeds and Comfictions,

mod other food and Confections.

and other food and Confections.

Military and Military and Confections.

All Military and Confections.

All Military and Confections.

All Military and Confections and Confections.

All Military and Confections and Confections.

All Military and

encount d.

The Greeks call it Ambran, the French Charbon, Coal, from the Refemblance of its Scab to a Coal. It is fome-times peffilential, and fometimes not. When it arises without Pulles, it is properly call d Pruna; when with, Igns Perssen.

Rest Perfettes.

CAR SENSEL, in Natural Hillory, a fabuleus Kind of peccious Stone, whereof Plinty and the Antonian relator perfect of the perfect of the perfect of the perfet of the p

Dragon's Head: And we read of many a Cavaller, who was to combast with Dragons, on purpose to gain, who was to combast with Dragons, on purpose to gain this invaluable Jewel. Partoness affures us, that the King of Pogu wild no other Light in the Night time, but that of his Carburcke, which call a biaze like that of the Sun. The Name is formed of the Latin Gerbmerluin, q. d. a baming Coal: For which Reafon the Greeks call it adject. Plings, treating of the Carburcke, Lish XXXVII.

Coal. "Pliny, treating of the Larpineae, Line."
cap. i, dillinguillines tewelve Sorts thereof.

Carpuncta, in Heraldry, a Charge, or
Bearing, confitting of eight Radil, or Spokes, and the common Crois, and

four whereof make a common Cross, and the other four a Salteer; as in the adjoinand firequently tiped, or committee with Flower-de-Luces, and firequently tiped, or terminated with Flower-de-Luces, Others blazon 'em, Royal Scopers, placed in Salteer, Fale

CARBUNCULATION, is the blatting of the new-proated Buds of Trees or Plants, either by exceffive Heat, or exceffive Cold. See Blatters.

CARCASE, or CARCASS, the Corpfe, or Body of a dead Animal, whole Field is, moil of ir, cut off, confum'd, or dry'd. See SRELEYON.

Thus, we fay, The Carcaffes of the Soldiers, Horses, &c. were seen long afterwards on the Field of Battel.—The

Aind of Bengarate, or Elevation, fone Feet high, where Careafo of a Few), Capon, Partidge, Lewerer, Ralbit, Trevellers neith themselves, and make their Ledging as well. Eff. is what remains thereof, after the four Members, or as they care it their Bangupe, and the Bengarate. Over the Careaform of the Bangurate. Over the Careaform of the Careaform of the control of the Careaform of the control of the careaform of the careaform of the careaform of the careaform of the control of the careaform of the careaform of the control of the careaform of the control of the careaform of the control of the careaform of the ca

fcc FRAMIN CARCASS, or CARCUS, in War, a kind of Bomb,

CARCASS, or CARCUS, in War, a kind of Zonels, unitely obeogree oval, arrely circuit; confiling of a Shell, or CMc, forneatines of Iren, with Holes is more commonly though a fine of the Conference of Iren, with Holes is Mid with combetifible Marters, as Hand Granadee, Ends of Muthers, loaden Pittols, and Preparations of Campoular, U.F. In sufe is to be thrown out of a Morta, to the Hossis on Fire, and do other Execution. See For Ite Canadations of a Campoular, U.S. and the Conference of the Property of the Conference of the Property of the Property of the Conference of the Property of the Property of the Conference of the Property of the Property

na, bo tel, Rodics on Fire, and do other Execution, see

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It has the Name Carraft, because the Circles which
pass from one Rieg, or Plate, to the other, feem to reprekent the Ribs of a human Carraft,
CARCINOMA, in Medicine, a Tumor, more usually
active. See Carraft.

call'd a Concer. See Cancer.
The Word comes from systems, Cancer, and ruse, departo feed upon.

es, to field upon.

CARCUSS, in War, the firms at Executify the Carcastra, CARCUSS, in War, the firms at Executify the Carcastra, CARCUSS, in War, the firms at Execution to Capital Carcastra, Carcas

gedina i, and are wid in Diesley of the Brain, Somush, The Flust of the Cortaman Family, affelf densiting very remarkable, at to the manuer of their Propagation i When rispe, their David Propaga, and form on their Seed page of the Cortaman Family, and the Cortaman Republic of their Propagation is Reg tells up, the Cortamanon Impairious breaks its Fed, and emain in Seed on two life in out-fit Age tells and the Cortamanon Impairious breaks its Fed, and carried affirm it to be true. See Skin, and Strassker took. CARDIAG, in Medicioc, volging will Cortain a Remechy antendry largood to exect it left immediately in Phylicians rather gloupod in to produce its Erfelt, by puriting the Biood Into a genetic Ferromatation, whereby the dutie of the Cortain Cort

and PAR more and FAR cogions.

CARDIALGIA, CARDIALGY, or CARDIACUS

Dolor, in Medicine, a violent Pain, felt towards the upper

Orifice of the Stomach, accumpany d with a Palpitation of

the Heart, Fainting, and a Propension to Vomit; better

known by the Name of Cardiae Passion, or Heart-burn.

See HEART.

The occasion' by flary Humans, which prick and white that Chiffee, and the adjoining Pars. The Word comes from the Greek sales, Herst, and ey, Pain. Blandard makes the Difficial confill in a Gnaving, and Contraction of the Par ougars, and the interodals Nerve implanted in the Stomach's proceeding from a pangent vell-leaving Matter in the Somach's first which, by restino Gooden of Parts, affects the Henry strating and the Construction of the Stomach's proceeding formation of the Construction of the Con

controlling it is, as functions to occiden (secondary, occounting the Constancy of Pertin.

CARDINAL, a Term faving to expect the Relation, or Quality of Finne, Principal, moll Confederable or, in the Foundation of any thing. Thus, we fay, the four Cardinal Virtues, tib. "Fances, Julies, Particle, and Temperature, is which are the Estim of all others. So, the Cardinal Fount, Cardinal Which, 50%.

The World formal of the Latin Carde, a Hinge, it The World for the Cardinal Fount, the Latin Carde, and Latin Carde,

fame kind feem to turn.

fame kind form to turn.

CARLINAL Points, in Colmography, are the four Interfeditions of the Horizon, with the Meridian, and the prime
vertical Circle. See Point.

Of these, 1900, viz. the Interfedition of the Horizon and
Meridian, are called North and South, with regard to the

sucrement, are called North and South, with regard to the Poles they are directed to. See Noarth, and South. To determine the Places of those Points, ice Marinian Line. The other two, viz. the Interfection of the Hostzon and first Vertical, are called East and West. See East, and West.

The Cardinal Points, therefore, coincide with the four Cardinal Regions of the Heavens; and are 90° diffant from each other. The intermediate Points are call'd Col-

from each other. The intermediate Points are cau a co-lateral Points; for COLLATERAL Points. CARDINAL Points of the Heaven, or, of a Nativity, are the Rifing and Setting of the San; the Zenith and Nadir.

See Rising, Setting, Zenith, and Nadir.

Cardinal Winds, are those that blow from the Cardinal Points. See Wind.

and Foots. See Wand.

Cardinal Numbers, in Grammar, are the Numbers one, two, three, &c. which are indeclinable; in opposition to the Ordinal Numbers, second, third, fourth, &c. See NUMBER.

NUMBER.

CARDINAL, is particularly us'd for an Ecclefiaftick Prince, or one who has a Voice, both active and paffive, in the Rossift Conclave, at the Election of a Pope, See Con-CLAYE.

Results Concluse, as the Election of a Pope. See ConCAN1. Entitle composition Popel, or conserve to
Late Hestimania of Confirmation Prompt of the ConLate Hestimania of Confirmation Prompt of the Confirmation
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Centry! But as the Grandeze and State of his Hallack
clearly! But as the Grandeze and State of his Hallack
of Certificati make a better figure and the reprocess and the state of the state of the state
freely and does. "In me, they fill preferred their anTwan good while, however, of they had he he more
over Bithen, we par the Elektion of the Pope into their
leges, they then had the red Hat and he of the for
ing fill in Asthodry, became at length farctior to the
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Difference of the state of the state of the state
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the Term Gerdinal was given not only to Pricits, but also to Bifdops and Deacons, who were attached to certain Churches; to dillinguish "en from shoe who of dillinguish "en from shoe who can be priced am es possion," and by Committeen Timiar Charches, or Benefices, were a kind of Parithes, i.e. of Churches affigued each to a Cerdinal Pricit; with some blaced Dillinguish Carlos and C of the cards of the card of the cards of the cards of the cards of the cards of the card of the cards of the card of the cards of the card of the cards of the card of

add, that the use of the Word commend as Kong and
being very great, by beame the common Religae of the unbeing very great, by beame the common Religae of the unhappy Picilis of all other Churches. According to Outheart of the Churches and the Churches are considered in the
Large of Remand of the Law has the Carellon and the
Corney of Rem. Some they the Escholan of the Pope
Admin State of the Churches and the Corney of Rem. Some they the Escholan of the Pope
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and top, that Nuclear III. having been celected at Attenuaty of the Churches and the Churches and Popels of Attenuaty of the Churches and the Churches and Popels of Attenuaty of the Churches and the Churches and Popels of Attenuaty of the Churches and the Churches and Popels of Attenuaty of the Churches and the Churches and Popels of Attenuate
Attenuated the Churches and Popels of Attenuated the Churches and Churches

Cinh of Cardinat.

The Cardinata began to wear he and list at the Council of Jovas, in 1245. The Decree of Pope Urbar VII. whereby in spained that the Craim is a deficit in the whereby in a pointed that the Cardinata be added in the they were call of Indiperiolist. See Envasure:

The Term Cardinata has all been applyed to Section Control that they were called Underfulned has all been applyed to Section Control that, we would cardinate. And Cofficient of the Control that the Con

Servant of the Vicount & Records: White American Could's Callify.

CARDING, in the Manufoctaries, a Preparation of Wood, Cotton, Hair or Line, by pating it between the Iron Foints, or Teeth, of two Infituments, call'd Cards, to comb, differangle, and range the Hairs or Fibres thereof, and to diffool it for fpinong, &c. Soc Spinning, and

and to dispote it not justices, the office, or great'd with Only whereof, two blow careful, the office, or great'd with Oll, whereof, one faunh of the Weight of the Wool is frequently for the odd editing for the Wool of General Control (Woor, Wang & Careful), for Wool of Antonia, the Control (Woor, Wang & Careful), the Careful of the Wang See Corvin, Woor, Wang & Careful of Careful of the Wang See Control (Woor, Wang & Careful), the Careful of Careful of the Careful of Careful of

Nects; lo call'd because the Head turns apon it. See Eristroverses, and Visarusa.

CARDIS, or Playing Canes, are little Pieces of fine thin Pathboard, whereon are printed divers Points and Frigares; a certain Namber; or Affemblage of which, ferve for the Performance of divers Games; as Ruffet, Ombers, Peipues, Whis, &ce.

CAR

The Method of making playing Cards, froms to have given the fift Hint to the invention of Printing; as ap-pears from the first Specimens of Printing at Herrien, ad those in the Boditian Library, &c. See Paintino; for alfo PASTROARD.

The cutting of the Moulds, or Blocks, for these Gards, is precisely the same as that us'd for the first Books; viz. 2 Sheet of wet or moist Paper is laid on the Form or a Sheet of wet or moilt Paper is Isid on the Form or Block, which is first lightly brush'd over with Ink, made of Hook, when is firlt lightly bruth dover with lak, made of Lampblack mix'd with Starte and Waters, and then rubble off with a round List, in the Hand. The Court Cards they colour by help of feveral Patterns, call'd Sampfler; confiding of Papers our thro with a Penkild Sampfler is provided to the Court Cards Agertures, or Incificous of which, the feveral Colours, as Agerman, or findings of which, the feveral Colours, as roof, &c. as feverally apply 4; (for at the fair Plattings of the colours, and the fair platting minuted with Oil Colours, to keep them from wearing out by the Berthes. Single laid on the Plattonal, they fillow a Findh field of Colour foot over the Pattern sy while leaving the Colour within the Apertures, from the Face or Figure for Platting at Heartless 3 might have been differed for the platting of the Colour foot for the pattern for the Colour within the point Letters in our old Manuferips of 500 Years ago, are appropriate Colour than Colour Colour foot for the Lindon Colour foot for the Lindon Colour foot for the Lindon Colour foot for the Colour foot foot

CARDS, in Commerce, and the Manufactures; for CARDING Carb., in Commerce, and the Manutactures, the Carbina-CARDUUS, in Natural Hiltory and Betany, it shows common to divers Species of Finnts, in English call'd This-ter. See Tristric.

The Flants of this Class most in use, are the Gerdum.

Rendelling, and Gardum Fullonium.

Carruus Benedictus, is a Medicinal Plant, of the Thittle kind, chiefty us'd in Infution, as a gentle Emeric in Fevers, and certain Naufeas. Antiently it was much in vogue, vce, and certain Natuleas. Antientity it was much in regue, as a Cardiac, Sudorific, and Alexipharmic, and in those Qualifies, was prefetible in Stomachic Cafes: but it is now focceded by others, left natuleous, and more efficient; the till intertaind in fome of the officinal Compositions, with those Intentions. Some dittil a Water from it, which they use in cordial and fudorific Potions. Its Salt has much the

fame Virtues. CARDUUS Fullonum, is also call'd the Fuller's Weed, or

same virtue.

Channella Blooms, a sile call'd the Faller's Weed, or Channella Blooms**, a sile call'd the Faller's Weed, or Channella Blooms**, a sile call the sile call the large and call the sile call the s

CARET, in Grammar, a Character of this Form, (A) denoting that there is formething inferted, or interlined, which should regularly have come in where the Character is placed. See Characters.

plac'd. See Снавлетек. CARGO, the Lading or Freight of a Ship : See Freight, and LADING

The Cargo of this Veffel is of fuch or fuch a Commo This is the proper Scalon for a Cargo of Codfifh, of

Wines, Ec. Cargo is femetimes also us'd for an Invoice of the Goods terewith a Ship is laden. See Invoice.

CARIATIDES, or CARIATES, in Architecture; fee

CARLOUS Tumor, is a Swelling telembling the Figure of a Fig ; fuch, frequently, are the Piler. See Freez, and Hemorrhous.

The Word comes from Carica, a Fig; or from Caria, a Country where they are frequent, or from whence they are

County where they are frequent, or from whence they are functioned and to be trought, as that of Retenanch, personal to the trought, as the second of the se

with the Addition of Iris, Birthwort of either kind, Gen-

tian, &c. and particularly the Pouder of Diapente. After using the Tinctures, the Pouders are apply'd on Lint, in form of a Piedget. An Actual Cautery, apply'd to the corious Part through a Canula, &c. is frequently found celsful. See CAUTERY

fuccisini. Sec CAUTRY.

Anatomisis, in difficking of Bodies, fometimes find carriers Bones; particularly those of the Jaws, Legs, &c. where nothing of that Kind was sufpected during the Perfords Litherime; nor any Difforder fest therefrom: Whence Mr. Chefelden conjectures, that the Cure of a carriers Bone.

Mc Cleylidea conjctues, hat the Cave of a crease Boen multip to the city's tremped, without waiting, a sur California multip to the city's tremped, without waiting, a to we California of the Carlo C

iments, or Embryo of a Chick, when in the Shell ; for

The Carina confils of the entire Vertebre, as they ap-pear after ten or twelve Days Incubation. See Eco.

'Tis thus call'd, because crooked, in form of the Kerl of This time call d, because crooked, in form of the Arte of a Ship, See Gentral arton. Bonnills, for the Lame Resfon, ule the Word Carring, to express the lower Petaliza
of a pupillinearous Flower. The Leaves also of the Afphodelius, they lay, are carrinated.
Carring, at all ould in the animal Architecture. The
Romans gave the Name Carrina to all Buildings in form of
a Ship's as we till call New, form New's Ship, the mid-

dle or principal Vault of our Gothic Churches; because it has that Figure.

CARINE, were also Weepers; or Women hir'd, among the antient Romans, to weep at Funerals: They were thus call'd from Caria, the Country whence most of 'em me. See Funeral. CARIPI, a kind of Horfe-Guards among the Turks.

The Caripi, to the Number of about 1000, are not Slaves, The Caries, to the Number of shout 1000, are not Salves, nor brod up in Seraglios or Seminaries, like the reft | but are generally Moors, or renegado Chriftians, who having follow'd Adventures, and being poor, and their Fortune to feek, by their Dexterity and Courage have arrived at the Rank of Heric Gounds to the Grand Signior. They match with the Unifegi on the Left hand, behind him; their

with the Grigory of the Lett mand, beams aim; then pay 12 Afgeory for Day.

The Word Garpin fignifies Poor, and Stranger.

CARISTIA, or rather CHARISTIA, a kind of Feat, among the old Ramoni, held on the 19th of February, in honour of the Goddes Concord. The Cariffia were infiltuted to re-citablish Peace and Amiry, in Families em-broil'd, or at variance in themselves. It consisted in a great Entertainment made in each Family, to which no Stran-Entertainment made in each Family, to which so Strangers were admitted, but only Relations and Kindred. The Joy and Freedom infpir'd by the Repath, was look'd apon as a proper means to reunite divided Minds; to which the good Offices of so many Friends wou'd greatly contribute. good Others of 10 many Friends would greatly contribute.
The Word comes from the Greek gess, Grace, Union,
Peace. This Feath was also called Dies Care Cognationss,
Vigenere calls it the Good Circr.
CARLINE, or CAROLINE, a Plant, of the Thislie kind,

CARLINES, or CARDINE, a Plant, of the Thittle kind, faid to have been discovered by an Angel to Coberlmengy, to care his Army of the Plague: whence its Denomination. Its Root is of fervice as a Directic and Sudorific, in all petiliential Diforders.

CARLINGS, in a Ship, two pieces of Timber lying fore and aft, along from one Beam to another, directly over

fore and aff, along from one Beam to another, directly over the Kee'l, ferwing as a Foundation for the whole Bedy of the Kee'l, ferwing as a Foundation for the whole Bedy of the Deck, and entire Marten of Carpentry are made fail. The Carlings have their Eads let into the Beams call'd Caluteratist. The great Carlings, is that whereon the Malman and Martin States, or Carlings of the Carlings from the Sides to the Hatch-way, ferring to fulfail the Deck on both Sides.

Dack to both Side.

CARMILITES, an Onder of Religious, making one of the foot Others of Manuscust, or lengting Friens, and the foot Others of Manuscust, or lengting Friens, and the foot of the foot

a Building, which intimated there had been antiently a Monastery; that some Years before, an old Monk, a Priest Monitory i that fome Years before, an old Monit, a Fred of Caladran, By Revelition, as in protented, from the Prophet Eller, field three, and affembled on Brothers. In 1979, Allier, Planton of Greenfales, age the Schmieger at 1978 Male; which Vingbrick has fine planted. In 1978 Male; which Vingbrick has fine planted. In 1978 Male with the property of the Carmon Harmon West, and the Carmon Harmon West, and the West of the Carmon Harmon West, and the Place age to been the Ulies of Breathers of the Builded Vingbrick Harmon H 301. This Order is eminent for the Devotion of the &co-pullery, for its Miffiens, and for the great Number of Saints it has fleck'd the Remiß Church withal. In the 1st Century, there were four Canonisations in this Order, vis. of S. Therefa, S. Andrew Carfin, S. Mag. de Paezi, and

S. J. de le Croix.

The Order of the Carmelites is divided into two Bran-The Order of the Cormettes is divided into two hand-ches, visc. Carmettes of the anient Obberoance, call the mitigated, or mederate; and those of the first Obber-vance, call Marre found Cormelites. The anient Obber-vance has only one General, under whom are 40 Provinces 5 and the Congregation of Montus, which has a Vicar-General. The strict Observance has two Generals; one in Spain, having fix Provinces under his Command; and ano-

Spital, having the Provinces under his Communial, 3 on the Spital, having the Revenue Communial, and their in Jelly, with a in ferceal Parts of Energie, Bare-fried Casasterrata, leve Refirm of the animent Gar-sial, it can be not in 136, to be 3. Percept is callful formers and Nata, whom the rethard to the primitive for Communia, Nata, whom the rethard to the primitive for Communia, Nata, whom the rethard to the primitive for Communia, Nata, whom the rethard to the primitive for the primitive for Notes, which had been minigrated by anomary 14. In 1433, and at length certyed the form Redom among the Friant, and the Referen in 14. Deliga, and Gregor III. confirmed the Referen in 14. Deliga, and Gregor III. confirmed bear-found Carmelines, which have each their General, and their ferrard Confirmations. The one the Congregation of their ferrard Confirmations is the order call that Con-progration of Letter for Provinces, the other call that Con-progration of Letter for Provinces, the other call that Con-progration of Letter for Provinces, the other call the con-traction of the confirmation of the call of the call of the communication of the call of call of the call of call of call of call of call of call of call of

ing on Shair

ing on Spiral. "It was a second of the second of second of the second of carry'd from the former. See LAZARUS.

cury's from the former, for LLBARY!

CARMEN, 10 autin's Tran among the Lstini, 10t'd, in
in general Serile, 10 fairly 12 Frff 3 but in its proper Serile
a 5/61, or CARMEN, 10t fill 15/16 but in les proper Serile
a 5/61, or CARMEN, 10th of Experiment, Recention, 6fc
couch'd in a faw Words, 10t'd in mythic Order, or
with its rifficacy depended. See Venas, CLBARN, 6fc.
Some feeth the Origin of the portical Carrients Benco 5
the Serile 10 feeth, on use from the Reclimbiance on their Spells of Order, on use from the Reclimbiance on their Spells of Order, on use from the Reclimbiance on their Spells of Order from the Portical Veries, and took their
Name from their refembliance thereon.

Name from their refemblance theret

Name from their retembance thereto.

Vigeare derives Carmer from Carmenta, because that Prophetes couch'd her Prediction in Verse, or short Periods: but others say, the Prophetes took the Name Carmenta, from Carmen, on the fame account. See Cammen.

metra, from Carry, one respectes took the Name Carrivata, from Carry, one respectes took the Name Carrivalla.

Private for the Source in the Source, from the Geltic interest.

Private for the Source in Carrival, from the Geltic interest for the Source in concept to Soulines Indeed the Source in concept to Soulines Indeed the Carrival in Source in Carrival Indeed Source in concept to Soulines Indeed the Carrival in Carrival Indeed Indeed Carrival Indeed Indeed Carrival Indeed Indee

CARMINATIVES, in Medicine, are Remedies, when ther Simple or Compound, us'd in a Cholic, or other fla-tulent Diltemper; to diffiel the Wind. The four Carminative Flowers, are those of Camomile,

The four Communes Favorer, are bade of Camonile, Medica, Modrewer, and Dill.

The Word comes from the Latin Corrainery, to card, mylections to the special control of the Communes, and the communes of the Communes, and makes ing it in the Sonic of an Invocation, or Charm; and makes mylections: be fays, it comes from the Word Correspo, the communes of the Communes o tle too much firain'd.

poins a livite teo much thrain'd.

CARMINE, a red Colout, very vivid, bordering fome-what on the Purple, and by Paintern in Ministure; and colout, red to the Colout the Purple, by reafine of fit executive three Colouts and the Coloural Meltique; which is a Fecula or Sediment, the Cochineal Meltique; which is a Fecula or Sediment, the Cochineal Count, and Autorer Some add Rocco, but this conditions and Autorer some add Rocco, but this word, the Cochineal Count, and Autorer Some add Rocco, but this could be sufficient to the Cochineal Count, and Autorer Some add Rocco, but this could be sufficient to the Cochineal Count, and Autorer Some and Rocco, but this could be sufficient to the Cochineal County and the Cochineal County are considered to the Cochineal County and the Cochineal Cochineal County and the Cochineal Cochin ood, it must be almost in an impalpable Pouder. See Ran, MINIATURE, &c.

Some make Cormine with Brafile Wood, Fernambouc, and Gold Leaf, beat in a Mortar, and fleep'd in Whitewine Vinegar; the Scum arifing from this Mixure, upon boiling, when dy'd, makes Cormine: But this Kind is vaftly infector to the former.

Tort to the former.

CARN ATION, Fielh-Colour, in Painting, is underflood of all the Parts of a Picture in general which represent Fielh 9 or which are naked and without Drapery. Vitten and Corregio, in Italy, and Rubent and Van Pipke in Flandery, exceld in Carnatines. See Colours inc.

and Corregio, in the lay, and Rethert and Fee Topic to Plan-der, excelled to Construction. See Corporation Committee in the Committee of the Committee of the Committee of the non-properly will fit any particular feer the Committee of the Commi

cui'd Comiteousen, and Carnifpricime 3 as the Spaniards fill denominate in Cornet tallesake. CARN EL. The ballding of Ships firl with their Tim-CARN EL. The ballding of Ships firl with their Tim-Carnel work, to dilinguishing on their Fanks, is cuild Carnel work, to dilinguishing on the Mazen falls inflead of Main-falls, are by form cuild Carnel apply 40 to those Asimals CARNIVOROUS, an Epither apply 40 to those Asimals with insurally fields. and feel on Felh. See Asimals, and which insurally fields.

FOOD Foon.

"Ilfano among Natualita, whether or no Man be amening Accessives, formers and the production of the Earth were intended as he intelle Food, and that reast Nocestiny in former places, and Lurary in other, that first prompted them to feed upon their Felton-Aminnia. Thypercomposition was been produced them to feed to produce the state of the produced them to feed to produce the state of the produced them to feed to produce the produced to the produced to the Proceedings, one Alternative of the Proceedings of the Proceedings, one of the Proceedings of the

The Confideration Gaffendus chiefly infifts on The Confideration Gaffendus chiefly infifts on, why Man flouid not be Carnivovous, is the Structure and Conforma-tion of our Teeth; most of 'em being either Inciferes or Meliteres; not such as Carnivovous Animals are tumish'd Molliver; so telse to a Certivorean Animals are familité witch, proper to ser l'Belt, except les four Centir. à veu witch, proper to ser l'Belt, except les four Centir. à Cent, Ec. than for reuning Hent as for centing Hent, Moer, Ec. than for reuning Hent when we do feed on Fish, 'it is no witchest a preparatury Collon, by builting, tooling, Ec. of the Centre of the Centre of the Centre of the Centre of witchest a preparatury Collon, by builting, tooling, Ec. of Digettion as the Destructures, they are the hard for the Centre of the Centre of the Centre of the Centre of Feets, and many other Differences: And Isily, that Chil-dren are rather work to all Animal Book, all their 2s latest become withred by Caltism; and the breeding of latest become withred by Caltism and the latest series and the latest series of latest become withred by Caltism and latest become

Worms in them, as generally attend to use to we want in ord Field.

To their Arguments Dr. Walls, in the Philospheisel Prangillens, Sulpins another; which is, that all Quadra-Prangillens, Sulpins another; which is, that all Quadra-Rose and the apper Book of the properties of the sulpins and the apper Book of the properties of the which convey the Book pays long and large Properties. Which conveys the Book pays long and large Properties and the Stomach downwards, in order to a flower Fallings and

I oger Stay In the Interfities p but that in Caraciromas Analmais tack Germa in warning, and influed thereof there is a more there and Bander (eig., and a guide Patigue from the analmais the production of the control of the control

curus Carnofue

centes Carmeline.

CARNOSITY, is used by forme Authors for a little felloy

Excelcence, Tuberele, or Wen, formed in the Unribura,

Neels of the Bladder, or Yang, which flops the Paffigse of

the Urite. Carmelines are very difficult of cares They

are not cafily known, but by instruducing a Probe into the

Paffigs, which there meets with refifiance. They usually

are not cally known, but by introducing a Probe into the Paffage, which there mercts with refiface. They usally arise from some Venercal Malady ill managd. CARO, Feelb, in Austomy, &c. is properly understood of such Parts of the Body, where the Blood-Vessels are so of fuch Parts of the Body, where the Blood-Veifels are lo finall, as only to retain Blood enough to preferve their Co-lour red. Anatomith ufually define Fields, a fimilar, fibrous, and thick Part; and diffuguiffs it into five Kinds, ove. x. Musculer, Similar, or Fibrous; fuch as is the Substance and rules: every lane similarini it is the new books, oneof the Heart, and other Musicas. Soc Muserza. s. The
prodynamic, as the Longs, Liver, and Spheen were antiExpensional and the Spheen seven and
produced the Vilices and other Paers are Validate,
sand anching but a Plexus, or Congress of final Veriles
and Camin. s. Tyleroms, as the of the Sormer's and
Camin. S. Tyleroms, as the of the Sormer's and
Camin. S. Tyleroms, as the Fields of the Lips, Gams,
Olinat of the Faunt 40. Bostony, for the Pupp, Pada, or
folk adultance constant within any Plant, or in Freity fach
as the Pulp of Camin, Transiends, Praces, Ed. Mich. 6.
CAM'd by Padalysius and Spécifica, but more Popularly Telmorth Forces, Sormer Camin, Camin Camin, Committee of
Vilice. As Collectionage, no ordine the Bill Concept
Nice. Mich. 2018.

The Correlation of the Control The Correlation and The Correlation against the Control Theo. Gorden continuints Detailed A Acadision against the Control, and are concled in very hardin, reproaching Terms. Some Authore doubt of the Anniquity and Genationed in their Books: They are attributed by fome to with the Control Contro

in 1819, by No. 1919 Yillel, Miltop of Adelms, somer the CARCULUS, an anthere Gold Clafe, Mreck in the Religion of K. Charlet I. Its Value, & Gr. fee under Corn.
CARCULUS, and hastenay; two Arreiro of the Neck, CARCULUS, and hastenay; two Arreiro of the Neck, CARCULUS, and hastenay; two Arreiro of the Neck, CARCULUS, and a self-control of the Neck, Care, to the Brain. See Arreny, Bacon, and Braxu.
The right Central ands from the Subclavins, and when Care and the Care and Care

dingino indire Ramifications, they are led in the cortical Erri 1 or perhaps proced even into the modulary Part First 1 or perhaps proced even into the modulary Part The Antierra placed the Sort of Droudinest in these As-teries, whence they had the Name Graviti, same finging the test, whence they had the Name Graviti, same finging the CANALEA, a list of Drace, or Military Exercis, in CANALEA, a list of Drace, or Military Exercis, in CANALEA, a list of Drace, or Military Exercis, in Drafting the castling a Labours, the other a Robber The Labours, laying by his Arms, pose to foreign and the Canalea C to the Sound of Flutes, and in Cadence.

Sometimes the Robber was overcome, and fometimes the Labourer; the Victor's Reward being the Oxen and Plough. The Defign of the Exercite, was to tected, according to the Pealants, to defend themselves against the Attacks of Ruff

Attacks of Kumans.

CARPINTERS-Work, In a Building, includes the Framing, Flooring, Reofing; the Franslation, Carcaff, Doors, Windows, &C. See FramMon, Fronting, Rooting, ForeNarions, Carcass, Doon, Winnow, &C.
CARYENTER'S Pfint-Rule. See Rutza.

CARYENTER'S Pfint-Rule. See Rutza.

Ballege Fiscas of Wood, for the Uses of Building; see in Management of Wood, for the Uses of Building; see

BUILDING.

Biturion.

Carpenry is one of the Arts fallerican to Architecher, and is drivided into two farmodes, Hooft Corpenry, and Theorem of the Hooft Corpenry, and Richard Control of the Hooft Conference of wife are the Total, or Inflamences, and the Surff, the time in both 1 All the Difference between the two Arts conflicting in this, that Johnstyn is will be the finalise and more compared to the things of the things of the things, and confere See Savere, Gernarde, Mourtaine, Planting, Cr., for all Save, Chanata, Tanan, Cr. in its regarded Prediction in the Adultery Hindsh. Third Works, there, the olderway, are for artifully minorial, that the work of the second of the second

or Car.

CARPET Tipii, a fire of Covering, world either with
the Needle, or on a Loom; so be lipicad on a Tuble,
and Tuble,
and Tuble, and the property of the tipicat of a Tuble,
and Tipicat care to doe most privil, of preciably the
former. Lupfert that bad a Blair or Shag on one fide only,
were call'd Applications.
In the control of the tipication of the control of the control

TIs much doubted, whether the Corpolation fold in the Sheps be the fame with that of the Amients, as not having the fame Marks. The Apothecaries after to fulfitions Chi-beber in Ben of it, as having the fame Qualities. The Word comes from the Greek keep@p. Pruit, and \$\$\text{shopk}\$\text{\$\text{\$\sigma}\$}\$\$.

Balos.

CARPOCRATIANS, a Brench of the norious Groffette, for caird from Carpinors, who in the Ital Commy revivel, for caird from Carpinors, also in the Ital Commy revivel, Sourmons, and other Groffette. However, which was compared to the making that a necessary Coodition of Perfection. See Gnosand CERINTHIANS.

race, and Cransvernance.

CARTUS, in Annowing, the Weiglt or that Part be-CARTUS, in Annowing, the Weiglt or that Part be-CARTUS, in Annowing, the Weiglt of the Part between the Part Bart Bart State of Hillman Figures and Bulls, pieled in rew Ranks, for in each; The first Rank is articulated with the two Figlis; the forced received the part of the part of the Part Bart State Out Part Bart Sta

Latins Carpifines,

CARRIAGE, a Vehicle for the Conveyance of Perfons,

Baggage, Merchandizes, &c. from one Place to anuther. See Vetticle. CARRIAGE of a Connon, is the Frame, or Timber-work whereon it is mounted; ferving to point and direct it for shooting, and to convey it from place to place. See CAN-

The CARRIAGE of a Ship Gray, confifts of two Wheels, The CARRIAGE of a Field-Piece, confifts of two Wheels, which carry long and firing wooden Beams, or Checks, be-rween which the Cannon is as it were fram'd, moving on

iss Trumions as on a Center: When 'tis requir'd to move them, they add a Vant Train, compos'd of two finaller

Wheels.

The ordinary Proportion, is for the Cerringe to have 13.

The Length of the Gun; the Wheels to be half the Length of the Piece in height; sour times the Diameter, or Caliber, gives the Depth of the Planks at the fore End; in the Middle 34.

in the Middle 5.5.
In Agriculture, Carriage is a Furrow cut for the Conveyance of Water, or the Danining of the plow'd Ground, &c.
CARRIERE, or CARRIER, or CARRER, in the
Manage, a Place inclosed with a Barrier, wherein they run

the Ring. See Barrier.

The Word is also os'd for the Horse-course it felf, pre-

vided it don't exceed 200 Paces, In the antient Circus, the Carrier was the Space the

In the antient Cirrue, the Carrier was the Space the Pings, or Rendyle, were for mar affil freed, to got in the Pings. On the Circuit, were for mar affil freed, to got in the Pings. On the Circuit C

CORNAMENT.
The Moors introduc'd Cyphers, Liveries, and other Oraments of their Arms, with Trappings, 85c. for their Horses, The Gebra added Creft, Plumes, 81c.
The Word comes from the Italian Carofello, a Diminu-

The Word comes from the Italian Carofello, a Dimina-tive of Cerro, Charlot. Tertulian scirics the Invection of Carroafilt to Circe 3 and will have 'em infittured in honor of the Sun, her Father: whence form cervic the Word form Carrus, or Carrus Silis. CARR-TASERS, are Officers of the King's Hoalhold, who, when the Court travels, here charge to provide Wag-gons, Carro, &C. to transport the King's Furniture and

Daggage.

CARTE BLANCHE, a French Term, feldom os'd but
in this Phrase, To give, or fend any one the Gerra blanche;
i.e. to fend him a blank Paper, fign'd, for him to fill up

1.6. to tend clim a biasic Paper, agn'd, for him to fill up with what Conditions he pleasine. CARTESIAN Philipphy, or CARTESIANISM, Sylmen of Philipphy, or CARTESIANISM, by Sylmen of Philipphy acrossed by Des Cartes, and maintaind by his Followers, the Cartefans. See Philippopuly; for also Cartefans.

The Carrefian Philosophy is founded on two great Prin The Certifien Philippley is founded on two great Piniciples, the out Metaphylical, the theor Phylipset. If this Memphylical Principle is this, I livink, thereigne I am. This Principle is the too as sected and defended, with a living to each the principle is the property of the principle in the principle is principle in the principle in the principle is principle in the principle is principle in the principle in the principle in the principle is principle in the principle in the principle in the principle is principle in the principle in the principle in the principle is principle in the principle in the principle in the principle is principle in the principle

being.

But this Principle Des Corres should not have proposed as a new Discovery: The World knew e'er he raught it, that in order to think, "it's required to be; and that he who actually shinks, actually exists. See Extendent, and

THININIO.
The Physical Principle of Cartefianifis is this, that there is sothing but Subflances: which appears a dangerous Principle to the Divines; and is accordingly controverted overy Day in the Schools of the Catholicks; who undertake to prove, that there are abfolute Accidents. See Ar-

CIDENT.

Subflame he makes of two Kinds; the one a Subthance that thinks the other, a Subflame extended. Actual
Thought, therefore, and actual Extention, are the Efficces of Subflames: So that the thinking Subflames cannot
be without from actual Thought; nor can say thing be reterenched from the Extention of a Thing, without raking

away fo much of its Substance,

away for much of its Subthance.

The first Arricle of this is refuted by Mr. Lecke, who thous, that thinking is not efficiated to the Soul, or that various Occasion wherein it does not think at the second various Occasion wherein it does not think at the second to the second to the late. The later is fifthy opposed by the Jehin, 50c, as lowed. The later is fifthy opposed by the Jehin, 50c, as lowed to the later of the later is the later of the EXTENSION, Sc.

The Effence of Matter thus fix'd in Extension, Des Carres naturally concludes there is no Vacuum, nor any pos-fibility thereof in Nature; but that the World is absolutely

The Effence of Marrer than first in Exemina, Des. Cervin insteady concades there is no Viscous, nor any polification in the Control of the Co

note. See Surviza Maliter, Vorriera, House Departitels, See. Surviza Maliter, Vorriera, hy introducing Geometry lone Physiciaes, See. Indeed, Des Carres, by introducing Geometry lone Physiciaes, and contributed, both by his Practice; and Landmorphy; and contributed, both by his Practice; and Landmorphy and contributed, both by his Practice; and Landmorphy and Contributed, both by his Practice; and Landmorphy and Contributed, both his page 18 feet and contributed in Accordance of Scheduler, Carrifornia was ready to be prohibited by an Arrest of her humanest of Parity and the Boston in effect, the Carrifornia was ready to be prohibited by an Arrest of her humanest of Parity and the Boston in effect, the Carrifornia of Philosophers and Philosophers and Carrifornia of Philosophers and Philosophers

Medicar Ren des Cerres, the noble Founder of this Sell, was of Berteigen, been in the Year 1500. His Mountee information was a Terreigen, been in the Year 1500. His Mountee information was a transfer of the Personal Per

4 ing and Meditation, he effected his Deliga. He was a Perion of the greatest Genius, Penetration, and Judgment, both as to the Iorcention, and orderly ranging and disposing of Things. He begun a new Methed of Phil-tolophy, and fintful di, on his own Foundation. The Hil-tory of his Life, is belt learnt from his own incompatable Treatife

Testife de Methode. His Reputsition in Paccign Nations, appears from his Measument, which conflict of four Faccion parties from the Communication of the Paccion Communication of the Communication of Louis NIV. and is flately Manfoleum built over lenn, in the Column for Science of Louis NIV.

the Charth of St. Graveiror.

CARTHUSIANS, an Order of Religious inflicated by S. Bruns, about the View. The Rule given them by S. Bruns, about the View. The Rule given them by standing built in Deferr 1646. The Rule given them by standing built in Deferr, their Fare cone, and their Diegline ferene. The observed, that the monatilist Pierr is better given by in this, than in any often of the other Checken and the Chart of the Chart of Chart of Chart of Chart of Chart of the Chart of Chart o

Fished Grogues; and that they did not become Llaws till long after. The Protect off the Cartifolian, Charrens; and CARTHAGE, in 1998. See Grant Read.

Cartifolian See Grant See Grant Read.

Cartifolian See Grant R

FORM, &C.

roam, ES.

Garniaget have no Cavities for Marrow; nor any Membranes, or Nerves, for Senfation. Their Uses are to prevent the Bones from being damaged or wounded by a continual Friction; to join 'em together by a Synchondroff; and to contribute, in great measure, to the well forming of feveral Parts; as the Nofe, Eart, Trackea, Eyelids, Sec. of feveral Parts 3 as the Note, Lett's, Lyracura, Lyritin, occ. CARTON, or, as we pronounce it, CARTON, in Painting, a Defigo, made on firong Paper, to be afterwards calqued thro, and transferred on the first Plaillet of Wall, to be painted in Frofes. See Design, Calquing,

and FRESCO.

and Parseo.

Charpon is also us'd for a Defign colour'd, for working in Molaic, Tapeflry, &c.

The Cartonia preferr'd at Humpton-Court, are Defigns of Raphael Urbin; intended for Tapeflry, but uncolour'd. The Word, in the original French, fignifies thick Paper, or Pallboard.

exeme, lignities tivek Paper, or Pallboard.

CARTOUCH, an Ornament in Architecture, Sculpture, &c. reprefenting a Scroll of Paper. It is ufuelly a Table, or flat Member, with Wavings; whereon is fome lateraption, or Devife, Omament of Armery, Cypher, or the like.

Cornelve as Generic, Comments of James y, 172-sec.

Cornelve as for formiting claves on Paper, as in the Title of Maps, EG: and Sonetimes made of Stone, Betch, Palling, Wood, EG: for Billidings. The Word comes from Carbon and Carbo

Paper. CARVING. See SCULPTURE

ČARVING. See Seuletture.

ČARVINGLA, a Term in Anatomy, properly fignifyling a little piece of Fifth j being a Diminutive of the Latille piece of Fifth j being a Diminutive of the Laview of the Company of the Company. It is payed to be

CARDECT A Continuous, a Namo which fome Anatomila piece he Nyaphes. See Nyaphes Empire. Being the

many payed to the Company of the Company of the

ce each graphyself see Nyaphes Empire.

ment of the Company of the Company of the

ment of the Company of the Company of the Company

ment of th

the two Puncta Lacrymalia. See Canthus.

65 D. Zarredine, and some other Antomotic, milducide Ce. Patentie for Lacryand Glunds, which they suppose, just on the Patenties for Lacryand Glunds, which they suppose, just on the Patenties for Clunds, to story the Resonance on the Patenties of Team. But Thourst filewas the Mildake, and Daplicature of the Clunds, to story the Resonance of Charles and Charles

CARDACHE Papillares, or Mamillares, are little Pro-tuberances on the infide of the Pelvis of the Kidneys, made by the Extremities of the Tubes which bring the Serum by the Extremities of the Tubes which bring the Seram from the Ginals in the exterior Farse, to the Felvis. They were first discoverd by Carpus; and thus call'd, from their refembling a list Cleat, or Fap. They are in form of Acoms heads, and left red than the Fish. They are about the Company of the performance of the Company of the Company of the Company performance of the Company of the Comp personance, to see the conservation of an Apoplexy, con-filling in a profound Steep, with a fudden Deprivation of Sentation, and Motion, and an acute Fever.

The Centr differs from a Came in this, but the Patient, in the latter, firsters when interregued, but not in the formers, Sec Cosso. 1 From a Lethangy is a dillingalfied by the Free which recrueds it, which the Lebangy is the control of the Patient of the Control of the Contr

Entrary, 306. The Carus is usually referred to an Inter-ruption of the Motion of the Animal Spirits; occasion'd citater by their being exhausted, or obtracked by fome cold, heavy, piruitous Humour; or by a Contuction, from form external Force. The Word comes from the Greek ways,

Droufinels, heavinels of the Head

cuternal Force. The Word comies from the Greek says, CARLATIONS So CARLATIONS in Architecture, 2 kind of Other of Columns, or Hidders, under the Figures of Numes, Architecture, 1 hing Rubes, See Cars. of Columns, The Greek, he otherwa, briving taken the Gay of Gerie, be to say in the Yangua Capteria; a fort to prepresse relief to the says that the Army and the Army Charlest and the Army Charlest and the Army Charlest in the Leaver is the Army for a the Army Charlest in the Leaver is the Army Charlest in the Leaver in the L

the Smift Guarda in the Lowers: but M. & Clere does not approve of fish Multisheom. On a proposed of fish Multisheom. On a proposed of fish of the control o Angels, he would have them support the Entablature, which in that Case is to be Corinthian, with their Hands. which in that Cafe is to be Contribute, with their Hands.

The Antionis made the Caryatides frequently to support
Baftets, or Corbels of Flowers; and these they call'd CaCASCADE according to the Caryatides frequently to support
support.

suffere, or Cifrière.

CASCADE, a Casarack, or Fall of Water; either natural, as that of Trooli, &c. or artificial, as those of Verfalletts, &c. and that, either falling with a gentle Decken,
as those of the Scrater; in form or a Buffer, as at Trianca a
or by degrees, in form of a Perron, as at Sr. Clou; or from
Balon to Balon, &c. The Word comes from the Italian

Cafcata.

Cafcara, of Cafcare; and that of Cado, to fall. See Ca-

Chiese, of Gighere; and thus, of Gade, to fall. See CarGANCANS, and GASCANNS, is prediction, as thelese or
Gavines in ferm of Wellt, made in the Terrepieta, near's
Rampurt, from whose or Salery, edge like manner ander.
GANSE, in Germman, is understood of the different fafe down, or Termination of Noma, is riving to expect the
difficult Street, we Religious they hear to each other,
There is a great Dowerliy in Germmentia, with regard
to the Nazure and Number of Gafe: They generally ind
the Nazure and Number of Gafe: They generally ind
they call the Number of Gafe: They generally ind
they call the Number of Gafe: They generally ind
they call the Number of Gafe: They generally ind
they call the Number of Gafe: They generally ind
they call the Number of Gafe: They generally ind
they call the Number of Gafe: A great of the Call
they call the Number of Gafe: A great of Gafe
they call the Number of Gafe
they call the Number of Gafe
they call the Street of Gafe
they call the Call
they call
they call the Call
they call are different Terminations of Noma in the fants. Number, r., r. is since Languages mover, in other length of the record of the r

deal of the Grees, Sc. So that the Termination is not the first Martine of the Option precision on the Printight of the Martine of the Option precision on the Printight of Greenman, which are gendless Words manufally, to make a many different Option, as the area Changes in the Terminations of a Nimes; which would like the English, and the Changes in Termination, as the Ancions, but by the Aprofine States, and the Changes in Termination, as the Ancions, but by the Aprofine States, and the Changes in Termination, as the Ancions, but by the Aprofine States, the Changes in Changes in the Changes in Termination, but have the Aprofine States, the Changes in Changes in the Change

Latin, in the Hebreus is in that which givenny, as "The "A] Verbrum fellettist", where the Change is not in "The fell-tat, but in "A] for "A? Ferbung the test in "The fell-tat, but in "A] for "A? Ferbung the definition of the phase before the confinery of the fell-time is one ferring to except the high-ranne wherevish any high is done, as not that the Morration, to expect the Subject; a third to three states between one distillators and a fourth, to there as fa-tation between one distillator pands of north, to there as the three Colos in the Agebir, as having only there Termins ions, e.g., in, and only the Termins the set.

three Cole in the Agent's as busing only three Terminists, et. his, and the Section of the Cole and the Cole

Gans; and by others, on other Occidions. Soc Inon; the aid Fitth, 5C. Cock-browledge; in thest. They take Hood, The Procede Cock-browledge; the Month of the Occidence theory of the Cock of the Cock of the Cock of the theory are acquired planning of Bay Salt to It, read-con-both repeater with idale Urine, or Whitewise Vinepar's Some of this Martine they king you Leam, and we have been of the Martine they king you Leam, and we have the Cock of the Cock of the Cock of the Cock of the hey king the Martine the Alexander of the Martine the hey king the Martine the Alexander of the Cock of the hey king the Martine the Alexander of the Cock of the Cock of the hey king the Martine the Alexander of the Martine the Alexander of the Martine the Alexander of the Martine the Martine the Alexander of the Martine the Alexander of the Martine the Mar

and when it's dry and hard, they put it into the Fire, and blow till they give the Lump a blood red Heat, but no greater: Then it's taken out and quench'd, and the Gog-karden'd Iron is taken out of the Gog. See Street, and HABDINING

corrected term is taken out of the Coff. See STRL, and LCASHMATE, or CASEMENT, in Building, is shall been Moulding, which from Archiveris make ε for a Critic, and on the experiment of the Communication of the Communica

ment, low Heele.

CASTANTS, is also wil for a Well, with feveral labert.

CASTANTS, is also wil for a Well, with feveral labert.

CASE, in Pricatogo, a Farme, place! alone, divide no the Mine.

CASE, in Pricatogo, a Farme, place! alone, divided not be a labert of the place of the second which are looked a number of Topure of the new deep which are looked a number of Topure of the new health of the labert of the place of the labert o

See SHOT Cafe-flor is chiefly us'd at Sea, to clear the Enemies Decks when they are full of Men.

CASERNS, or CAZERNS, in Fortification, little

CASERNS, or CAZERNS, in Fortineation, title Rooms, Lodgments, or Apartments, creded between the Ramparts, and the Hoafes of fortifyd Towns, or even on the Ramparts themfelves; to ferve as Lodgings for the Soldiers of the Garifon, to cale the Garifon. See Gastson.

the Rampures themstores; to Serve as Lodgings for the Soldien or the Gartin, to seath the Gartin. See Castrastic, Soldien or the Strategion, to seath the Gartin. See Castrastic and the Strategion of the Strateg

CASK, or CASQUE, a piece of defensive Armour, to cover the Cavalier's Head and Neck; otherwife call'd Hel-

met. See Heimay.

Le Gendré oblivros, that antiently, in France, the Gest

d'Armet all wore Cests. The King wore a Cests, gilty a

defendre donnes, fliered q's Gentiemen of Estraction,

polith'd Steel; and the reft plain Iron. The Word comes

from Cessess, or Cesses, as or Cesses, as of the Cesses

the Cask is frequently seen on antient Mechals; where

the Cask is frequently seen on antient Mechals; where

may observe great Variettees in the Form and Passino

de may observe great Variettees in the Form and Passino

thereof:

thereof: As the Greek Fashion, the Roman Fashion, &c. F. Jonbers makes it the most antient of all Coverings of E figurer makes is the most antient of all Coverings of the Head, as well as the most univerfal. Kings, Empe-ces, and even Gods themselves are foen therein. That which covers the Head of Rawe, has usually two Wings, like most of Mercary: And that of fome Kings, is fur-abled with Horus, like thole of Jupiter Ammous; and concetimes barrely Balls, or Ransa Horus, to express uncommon Force.

CASE, in Heraldry. See HELMET.

Case, in Heraldry. Soc HEAMEY.

CASE, is also and as a common Name for Vetfels of dicert Kinds, in course-difficultion from the Liquus, or other
tert Kinds, in course-difficultion from the Liquus, or other
form of the region A. G. and as I. Cafe and Liquus, a

Reachiston, G.C.; and as I. Cafe and Liquus,
A. Case of Sugary, is a Barrel of that Commodity, containing from 8 to 11 Hundred; a Case of Almonds, is

short § Hundred weight. (ed. Law, the Albocation, or

about 3 Hundred weight.

CASSATION, in the Civil Law, the Abrogation, or
anguling of any Act or Proceedure. The Occasions of Caffation arts, 1ft, When a Decree is directly contrary to another
Decree; and both against the fame Party, 2dly, When Decrees are directly contrary to the express Decision of Sta-tures, or Castoms. 3dly, When the Formalities prescrib'd by the Laws have not been follow'd. The Word comes

by the Laws have not been followed. The worst comes from the Lating Spacell Group, in foregreen etc as a general GASSAA, a medicatal Drog, in foregreen etc as a great property of the Company of the Com

Guin cide's, towards the Center, the Wood is of an Ebore black, towards the Circumstence specialistic, 1 leading to Circumstence specialistic, 1 leading towards are yellowith, and produces a Fruit in form of a long Toc contained muffirer, of a reddish Choon, benefering on black When ripe, it is till of a black, forecrift. Pain, drieded be limit woody Cells. In this Pain par condition the sand crimin in manner of Stones, sharpl like Hearts, which are the Seed of the Tree. This Coffer must be Ehrts, when the Charles were the control of the Community of the Commun

weetish Taste.

Cassia of Egypt, is like that of the Levant, except the Tree is higher, and the Leaves narrower; the Fra

maller, and the Bark folier.

Cassus of Brasil, is the largest of all: Some of the day are found four or five Inches in Circumference.

Month Smool faut or five heldes in Circumforcocc. The Kind in not very common in the Shops.

Coffic of the Hands, it that now helder with a common form of the Hands, it was the same that the common form the Ambirol, where 'the product of month of the third that the Common form the Ambirol, where 'the product of the the Ambirol Common form the Ambirol Common form the Ambirol Common form the Commo

Bafis of most purgative Electuaries The Tindure of Cassia, is a flight Infusion of the B

Be? Interest of Charact, is nothing but the Palp fep-tical from the Shell and the Scoti s with the Addition of raced from the Shell and the Scoti s with the Addition of Characteristics of Sugar to preferred informating four. Characteristics of Sugar to preferred informating four. Characteristics of Sugar to preferred the Shell and Wildelmann and Shell in the Hand of Cyston. The 'evo Sirbs are gather'd and dypd' in the finner minner; where Surell and Value are creatly silbs; they are equally freen; program and are restly silbs; they are equally freen; program and gather stall. But the City is the fatter, of more meningingous, and in cheving dilibres in the Mouth, without leaving any thing would behald; is whereas the woody Part of Clause, will have the 'live which bean Chrasamon bear the Ciffs too; and such as only Difference bewere them to confill in this, that the first comes from Cyston, and the latter from the Coalt of Coronard's. See Cives scans, Confile Islands.

CASSIOPEIA, in Aftronomy, one of the Conficliation of the Northern Hemisphere. See Construction,

In 1313, there appear la new Star in this Conficilition, which is first lampid in Majumuda and Brightness Typic-parid, as the find of a Month. It attend all the Almontone of that Age, many of whom wore Differentiation on that Age, many of whom wore Differentiation on the Age, many of whom wore Differentiation on the Age, many of whom wore Differentiation on the Age of the Majumuda of the Age of the Majumuda of the Age of the Majumuda of the M

Names, Lon are as follow.

Stars in the Confiellation CASSIOPEIA.

	Names and Situation of the Start,	Signa	Lo	git	nde.		N	titu orti	١.	1	Magn
		٠.		•	"		•	1	м		
1		γ	21	25	44	13	6	46 16	16	13	
1					1 11		7	10	23	113	
			23	5	3 19	15	4	3	47	15	6
s	North, in the top of the Chair-back		2.6	41	31	15	2	39	52	13	7
в	\$	В			41	1,	15	7	45	Н	5
-	South, in the top of the Chair-hack	ř	26	4	6 25	13	7	9	16	ah)	
;	In the preced, Arm of the Chair	ъ	29	5	31	13	9	22	58		
3		۰	- 3	2	5 57 4 6	13		57 10			
,	10					1				1	
	In the middle of the Chair back, the		•	4	8 7	1	į	13	50	3	2
	Lucida Cathedra)		1	5	9 21	II:	55		41		7
y	A finall one against the Hair				2 24	112	14	18	2	;	6
25	In the bottom of the Chair-back, o-		- 1	3 2	0 18	1	12	14	4		4
ł,	15 ver the Seat)					.1				١,	_
	In the Head			4	7 4 ⁸ 7 3	Ш	54	55	4	4	,7
y	In the Break				0 2						
4,	Preced, of the North, in the Rod	Y	٠.	9	9 5	٠١.	41	25	4	r !	6
in	South, in the Rod		2	7	6 1:	: [38	18	5	١.	6
in in	10				5 5	١.				J.	6
3	Middle in the Rod	v		8 1	0 1	71	59 29	12	4	31	6
			1	1 1	4 2	6	59	41	•	١	6
at	In the Girdle			5 .	2 5	6	47	4	1	7	4
iŧ	In the Rod, the last of the North,			0 4	1 5	1	41	16		۵	5
	Preced, against the Navel			7 .	52 4	٠l	47	25		۷.	6
he	Over the Seat of the Chair			9 :	8 4	4	48	4	3	3	3
is	Last of cootig. ones agit, the Navel	1		8 :	19 2	3	47	3	. 1	2	5 6
ho	In the hind Arm Preced, in South Part of the Frame				56 5	:1	43	4	3 2	\$. 6
nt	to	,		9 :	31 3	٠,	31	1	5	54988	, ,
c,	,0		1	4	57 4						
a:											6
he	That under the hind Arm			7	13 1	0	4		4:	6	4
18,	That preced, the Knee to the Somb Prec, of the Midd, in S. Part of Sea				39 4		4	4			6
ıy,	35	•			,,,	8					
ot				13	37 1	5	4	6 2	3	16	3
cn	Preced, in North Part of the Fram	•		14	28 4	15	5	4 I	1 :	2.2	6
en	That following the Knee North, in the France			17		10	12	5 5	8		L .
ut,		0		25	12 1	9	ś	3 5	1	38	,
ιſς,	49										
he	Last of theMidd, in S.Part of Fram				34		13	1 9 5 1	0	18	6
180	That in the Leg			10	36	48	4	7 3	1	50	3
	Talk of a in South Part of the Fram	ıc		24	51	16	1	I :	8	41	6
(Pèa			щ	4	49	8	Ś	8	6	56	6
the					37		I,	3			4
	Part of the Frame		д	+	18	14	13	7		9	15
սի			å	29	15	46	1.5	4	ı	3	14
-75			TÌ.	1	51	14	15			47	16
pa			૪	22	13	42	14	7 .	94	14	6
10	F 50			22	36	18	l۷	8	5	2	17
our				29	0	45	H	3 :	4	16	7
ha				25	11	29	14	8	53	9	6
n i				27	13	53	13	3	57	31	4
are			п	3	23	39	13	,		.,	1"

CASSOCK, or CASULA, a kind of Gown, or Robe, over the reid of the Habit; particularly by the Ceregor. The Word Gilde comes from the French Gilder, comes from the French Gilder, constraints, from a Carment of the Colleges: Exercises, from a Carment of the Colleges: Exercises, from the Hebrew Capita, to core; whence the Latta Capita, core and Capita, a Diminutive of Cole, worther Name of the Capita.

CASTANETS, CASTAGNETIES, or CASTANET-TAS, a kind of Mufical Instrument, wherewith the Moor

Spaniards,

8 4 50 13 18 17

Spaniards, and Bolemians, accompany their Dances, Sar-Spatieras, and precentains, accounts of two little round rabands, and Guittarres. It conflits of two little round Pieces of Wood dried, and hollow of in manner of a Spous, the Concavities whereof are placed on one manner of a Spous, the Thumb, and beat from to time with the Middle Finger, to direct their Motions and Cadences. The Caffagneries may beat eight or nine times in the Space of one Measure, or Second of a Minute.

CASTALDUS, See GASTALDUS.

CASTALDUS. See GASTALDUS.
CASTELLAN, the Name of a Dignity or Charge in
Peland: The Castellans are Senators of the Kingdom, but THE CARLETON AS CONTROL OF THE PROPERTY OF THE

CASTING of Gold, Silver, or Copper in Plates. See

COUNTRIE

COMMING.

CASTING of Lead on Clist, is the using a Frame or Mould cover'd with Woolken-Cloth and Linen over it, to cast the Lood into very fine Sheets. See Premerry.

CASTING of Metall, of Letters, Cfc. See FORNERS,

CASTING in Sand or Earth, is the Running of a Metal between two Farms or Mould fill with Sand or Earth,

STATUE, and FOUNDERY.

CASTING of Candles, is the filling the Moulds with Tal-low, fee Candles.

low 5 for CANDESS.

CASTING, IN BALORY, HOW thing given ralized to progr.

CASTING, IN BALORY, HOW the given rate in Kinda-Per

Pains pg. 1. or Feathers; and Conton 1 the latter whereof is
generally in Pickars base the bigges of Hanz-Nast, made
of fold fair. Certon, and control 4 fanci-Nast, made
of fold fair. Certon, and control 4 fanci-Nast, made
of fold fair. Certon, and control 1
fair. Control 1
fair. Certon, and control 1
fair. Control 1
fair. Certon 1
fair. Cer

CASTING, in Joinery, &c. Wood is faid to saft or comp, when, cither by its own Drought or Mossure, or the Drought or Mossure of the Air, or other Accident, it shoots or shrinks; in prejudice to its Flatness and Straight-

See WARPING nefs. See Warfino.

CASTE E, a Place fortified by Nature or Art, either in City or Country, to keep the Feople in their Duty, or refit an Bisemy. See Fourkess, and Fourther Place.

A CASTLE, is a little Cittaded; fee Cittade.

CASTLE is allo ufed, in the Sea-Language, for a part in Visitade.

CASTE IS AND MENG, IN MAN CASE

The Fore-Coffie, or Proce Coffie, is the Rife or Elevation at the Proce, over the uppermed Deck, towards the Missen 3 the Place where the Kithens are,

The Conference of the Conference of the State of the Whole Eleva-

The Hind-Caffle, or Stern-Caffle, is the whole Eleva-tion which reigns on the Stern over the last Deck; where the Officers Cabbins, and Places of Affembly are, See

FORR-Caffle, Efc. Fonn-Collét, Ec.
CASTLE Word, or Caftle-Guerd, an Imposition laid on
fuch as dwell within a certain Compass about any Caftle,
towards the Maintenance of fuch as warch and warf to
Caftle. The Word is also fometimes us'd for the Circuit it
felt, inhabited by fuch as are fubject to this Service.

CASTOR, in Aftrenomy, a Moiety of the Constellation Gemini. See Grmini.

cloud in Bigs or Furies near the dioss of the Coffer or Storry I folly taken for that Animal's Storces. On Eagl, and Compared the Compared of the Coffer of the Coffer of the Good of the Coffer of the Coffer of Appetite, being precide one of its Recognised, on occision, by the Foot: When or of its Recognised, on occision, by the Foot: When reduced to a Fooder a by langing in the Cofferon of the reduced to a Fooder a by the Cofferon of the Confinery is thecemes of the Confinero of Wax. "It is only of a furp, bitter Tatle, and strong dispressible fineli. "The will so feelly the Head and nervous Breat, it catches the Hingelfinely

the Head and nervous Ferns, it earlies the Imagelling Spring, refills Polition, and provise the Angely in Women. To ado in Lecturgia, Application, Fortige's, Irresultings, and other Antons, existing to the Angels in the Con-cipating things to the lottom of the Wirter. For the Choice of Cofferwise is the bolt in that of Zient-Port to Choice of Cofferwise is the bolt in that of Zient-and those that the Cofferwise is the bolt in that of Zient-child and the Company of the Company of the Company and the Company of the Company of the Company and the Company of the Company of the Company of the that it hard been additional with Honey or other Dirac, forphilitened being fortifin, and yielding injudi, United Honey; and the natural, hard and heavy, of a bulk Smell, Cofferwise is facility to the Company of Princis Tracelor.

and full of Filaments.

Cafferense is used in the Composition of Venice Treacte
and Mithridate, besides various other Hysterick and Cephalick Medicines. They draw an Oil from it call'd Oil of
Caffer; and it is allo used, while in its liquid State, to
make teveral Kinds of Uoguents.

The Prof. Why of forming Cafferense is described in the

make forent Kinds of Ungenen.

The Rafflew May of camp Culferment, is defertived in the Philiophilase II I may be seen to the seen in the Philiophilase II I may be seen to the lever's Javace, (the Bayer is flowed be) pure a proved.

Quantity of Water, with half a Shered fail of Woodston of the State of the State of the State of the State

Dailing Water for half a quarter of Hour. I All Philiophilase on the Fire, and finode the Bay well over it for

I flow, fill they be well dired; hang them up for a
Week or more, till perfectly day and bard, they may then

be pack d up for the or Exportants.

Week or more, till perfelly dey and back i beyong the about the perfect and for flow or Experision.

Carron Sim, the For a Sin of an amphibion Ariman Germany, and Patada, but most indused and the Ariman Germany, and Patada, thut most indused and the Ariman Germany, and Patada, thut most indused and the Ariman Germany, and Patada, thut most indused and Fain, and Simmon and the complete in the Composition of East, and Simmon and the complete in the Composition of East, and Simmon and the Composition of Coffee, with a missure of Weel. The Mannisthure flowards of Coffee, with a missure of Weel. The Mannisthure flowards in the Composition of Coffee, with a missure of Weel. The Mannisthure flowards in the Composition of the Composition of the Composition of Coffee, with a missure of Weel. The Mannisthure flowards in the Composition of the Composition of the Composition of Coffee, with a missure of Weel. The Mannisthure flowards of the Coffee, beards of the Simmon of the Coffee of the

curreing of Mails and Tunha, in Slippen, Sr. See CoseCAST RABET AUTON, the Art of Inamping, it reCAST TABLET AUTON, the Art of Inamping, it replacing and diffeoing a Cump or Army. See Castr. c.
The Weed in more said for the Inampines of the Art
The Weed in more said for the Inampines of the Art
Castrant Cost, in Chargery, the Operation of Gette
Castrant, Comps; and Mainry, to mendere.

CASTRATION, in Chargery, the Operation of Gette
Animal use of a Capacity of Generation, See Textracts.

Castrant Cost.

Castrant Co

Note H. Association is fornetimes found occeffary on medicinal California, as in Diseases of the Testicles, especially the Serecotes and Variescele. See Sancockin, See California is also pacified on Women: Adherens mention, that King Autorameris was the first who casterate Wo-

C A T

Women. Higheim and bastes fay, Goger did the firme These. Galaw observes, that Women may be eightest without Diagot of Life. Development, on the formation of Life. Development Book, Collection is a life used, the formation where a Tensus Hocking army net of a Thing; Thus we say, a sufferent Book, Collection of the Life. This we say, a sufferent Book, Collection of the Life. The week of the Collection of the Life. The Life where a Tensus Hocking of the Life. The Life was the Life of the Life. The Life of the Life of the Life. The Life of the Life. The Life of Li

sire Cores.

CATACHENESIS, in Genment, a kind of Figure, makerary and the Catachenesis of the Catachenesis of the Catachenesis of the Catachenesis of the Catachenesis and Catachenesis and Catachenesis of the Catachenesis of th

Burial of the Dead

Butti of the Dead.

The Term is particularly and in Paly, for a wall Afformation of inheritations Signature, there Legent the Ballog of inheritations Signature, there Legent the office of the Maryan Accordingly, they are widered out of Decease, and Reingust theme taken, and disperd throughout the Common Commo many Places, they exceed within a League of Rome. There imm/Minray or Variitig therein, but cold hipports it left. There as Sade, which we may look on at the Partners, which we can be compared to the property of the proper

Some Authors will have the Catacombs to be the fame with the Patienti mention'd by Feflus Pompeius; maintaining, that whereas it was the Practice of the antient Roment to burn their Dead, the Cuftom was, to avoid Exof de Gramad and hat the Ramari Carlillana, olderius, at length, the pract Vencration said to Reliquet, refebre at Sock of their now. Facering, therefore, the Gramatic Carling and the season of the of the Ground : and that the Roman Christians, observing,

(50) Learn and the price of the control of the price of the price

was comprehended 3 but no Author gives any account what that Mystery was.

that Myllery was.
Amtiently, the Word Catacomb was only underflood of the Tomb of St. Peter and St. Pentl; and M. Cloffelium of the Tomb of St. Peter and St. Pentl; and M. Cloffelium of Reme, the Word Catacomb is never applyed to the fiber-annous Burying-Places abovenention'd, but only to a Chaple in St. Schoffling, one of the form flational Churches; where the antient Ressate Calendars fay, the Body of St. Peter was depotted, under the Conditate of Piffelium and Peter was depotted, under the Conditate of Piffelium and Pitter was depotted, under the Conditate of Piffelium and Pitter was depotted, under the Conditate of Piffelium and Pitter was depotted, under the Conditate of Piffelium and Pitter was depotted, under the Conditate of Piffelium and Pitter was depotted, under the Conditate of Piffelium and Pitter was depotted, under the Conditate of Piffelium and Pitter was depotted a

summanness for as-trumbes: Accordingly, Duddin lays, they amtiently wrote Catatamubes. Others terch it from the Greek sarm, and maps of Catatamubes. Catatamubes, Catatamubes,

deaf with the continue Din. The Word combe from the Greek near-level, of the Proposition sures, which in Com-position fignifies tendency, or inclinated downwards; and *reve, to make S. Notl. action. There, in the Proposition of Society, and the Society and the Proposition of Architecture, Society, and Entiting grainf on a Finners Societified, Society, and Principal grainf on a Finners Societified, CATAGMATICS, Medicines proport to folder, and unite-bracken Bosco, by premoting the Formation of a Calitary, Society, and California, and California, Society (CALLAND, MEDICARMISTIC, SIGNATURE).

The principal Catagmatics, are the Armenian Bole, Gum Tragacanth, Ottorolla, Cyprus Nurs, Frankincenie, Aloes, and Acacia. The Word comes from the Greek sendles, Ferditure,
CATALICUTO, a Term in Poetry. The Anticast calCATALICUTO, a Term in Poetry. The Anticast calted Castalific Ferjis, thole which wasted either Feer or
Syllabet; in programme on detailedite, which are compleat Verlee, wasting mobiling. The Word comes from the
Greek zear, and syst, definal, 1 cell.
CATALIFISIS, CATOCHE, or CATOCHES, in Medicine, a kind of Appelexy, or a Distalic, wherein the
CATALIFISIS, CATOCHE, or CATOCHES, in Medicine, a kind of Applexy, or a Distalic, wherein the
Paller wherein the Different fill first him; his Eye open,
which technical moderational, See Architext,
Verley, Carolier and Catalific Research

The Company of the Catalific Research

The Catalific Resea

without feeing or understanding. See Apprixxv.

This Difease is very rare, nor is its Cause easy to affign.

Boerbasve takes the immediate Cause to be an Immobility of the common Senfory, in the Situation of the first Access; whence an absolute Rest of the Blood in the Brain, and a Ceffation of all the Functions of the Brain, as well as those Caffation of all the Functions of the Brain, as well as shoot deponding thereon, the Mucles also emissing in their deponding thereon, the Mucles also emissing in their deponding thereon, the Mucles also emission is not to be consistent to the present the specially weak. It is afterly recreated by a long in-cernating Fever, a melanchicle of Temperature, a Supperficion of the Medics, or Hemorrholds, great Triples, and experiment the supperficion of the Medics, and the supperficiency of the Medics, and the Hood clot or number in the supperficiency of the Medics, and the Hood clot or number in the supperficiency of the Medics, and the Hood clot or number in the supperficiency of the Medics, and the Hood clot or number in the supperficiency of the Medics, and the Medics and the Me

CATALOGUE, a Lift, or Enumeration of the proper Names of feveral Books, Men, or other Things; difford according to a certain Order. The Jefuits of Amerera have given us a Catalegue of the Popes; which makes what

The first who melarook to reduce the Brd Starts Into Activities, with Interpreted Reliands, boat 120 feats been a Carlinger, with Improved Reliands, boat 120 feats been formally and the Brd Start St

gg of in Dipplying the analysis of the Control of Contr or Transposition. Others derive it from zava, juxta, and ret, omne: In which Senfe, Catepen was Governor General, or Magistrate, who had the Direction of all: Others will have it deriv'd from near memograps, after the Emperor. In which Senie, Carapan was a found Mafter, Se-cundus Dominus. Du Cange derives it from xarmore; which the Greeks apply'd to every Governor, and even every

whitch the Orece apply a toever, two times, and accesses and Man of Quality.

ATAPASM, a Mixture of Pouders, cither Odoriferous, as for the periuming of Clothes; or Furtifying, and apply'd to the Stomach, Heart, or Mead, or Eichartotic, ber eating off dead Fielh. The Ward comes from the

or cating or dead Fight. In word comes from the Greek symmetry, to carter. In word comes from the CATAPIETTA, an Influence to Funifitment, in uf-among the Antients. It conflicted in a kind of Prefs, com-posed of Pisales, between which the Criminal was craft at CATAPIORA, in Medicine, a Dieack, the fame with

Could. See Coma.

According to Blauebard, there is this Difference between the two, that Caraphers is the Genus to all Kinds of Stupors, unattended with Fevers. See LETHARGY, and CARUS. CATAPHRYGIANS, autient Hereticke; to call'd, as being Physicaus. They were Orthodox in every thing, fetting afide this, that they took Montains for a Prophet, and Prigilla and Montainila for true Prophetelics, to be

and prigitale and Metavinitale for true Prophesetifs, to be confined on every thing relating to Achigion, as a proposing consisted on the proposition of the proposition of the CALTATLASM, popularly call'd Prolitice, an external Mechanic, in form of a Palpy of a folic Considence, like an Unapers, or Corty, compaid of various Liques, Para Unapers, or Corty, compaid of various Liques, Para Impaires. In ordinary Effects are, on singage Pain, foter, refuse, diced, or impurer Martor collected in the exten-nal Tarts of the Body. The coldinary Canadigm for their

Intentions, is composed of white Bread, Milk, Yalks of Eggs, Saitten, and Oil of Roles. The Word comes from the Greek washerse, illina, Hienex, or apply coawasily, CATAPULTA, a Military Machine, and among the Anatons for the howing large Datas and Javelina, it or 15 foot long, on the Energy. The Cataphila is lide to be the Invention of the Caylatts. Small evaluates make it and for the fance with the Baldy's pokern elikeron. The Bill derive fance with the Baldy's pokern elikeron. The Bill derive fance with the Baldy's pokern elikeron.

CATAPUTIA, a Medicinal Plant, commonly call'd the leffer Spurge. It purges with fuch a Violence, both up-wards and downwards, that few Persons of any Credit ven-

sifter Servey. It parages with fach a Violence, both spa-ment on perfoliest with the Nerfolion of any Credit resurts on perfoliest as flavor, search by Mockat, or other Channel, or Bel of a River, search by Mockat, or other Channel, or Bel of a River, search by Mockat, or other Channel, or Bel of a River, search by Mockat, or other Channel, or Bel of My, the Zhensh, Khen, Sco. Strake or Marter falls with a great Polic and Impressofity; Such are the Caterstiff, of My, the Zhensh, Khen, Sco. Strake Merent and Strake of the Caterstiff, the Antenna similar great for the Caterstiff, the Antenna similar of the Caterstiff, Mand Caterstiff, the Antenna similar shows the size learning that the Caterstiff, the Antenna similar has capted Difference, The dwarf common for the Caterstiff, the Antenna similar than the Caterstiff, and in the Caterstiff, the Antenna similar than the Caterstiff, and the Caterstiff, the Antenna similar than the Caterstiff of the Caterstiff, and the Caterstiff, and the Caterstiff, and the Caterstiff, the Caterstiff of the Caterstiff, and the Caterstiff, a

reveen the Uvea and the Crystaline v he forme take it is be a Politich, described from the Crystaline is fell; which is ownered. See Chiva Valler, and the Politich, hid over one of the Crystaline is the Crystaline in the Politich, and over one of the Crystaline is the Crystaline in the Crystaline is the Crystaline in the Crystaline is the Crystaline in the Crystaline in

Burting out the Rays from the Resine. This Attention of its Tunipresence, is accompany of with a Change of Co-of its Tunipresence, is accompany of with a Change of Co-the Greeks Glessones. The Glessones and Cateralt there, in their Opinion, are the lame Things; the first being other Hypothelis they are very different; the first being other Hypothelis they are very different; the first being The chief Readon upf die health of this latter Hypothelis, in the Procels Academy, Moyal, where it was propored, in the states the Opention of Gandeling, the Perion cut for the states the Opention of Gandeling, the Perion cut for

that aree the Operation of Costoring, the Perion that I without a converse were done, then the taking away a Politicle from before the Cryfulline, it would be in the fame Condition as before, and would make the fame Refractions; nor would any Lens be needlary Whereas, fuppoling the Cryfulline could, 'this orident the

East will be employed to largely in Plane. To shit is a Perfess, one are discovery or surrecibility, the Panchesia, one were Al, share from how been belinkered or Person who by a merch Bally so or A gaintee, no College and Respond. In the Panchesia of Panchesia, White I have Beech, after Conving, without any Lens, at least, it This Constitute Panchesia is returned, that immediately after the Operation, Several the Experiment, the Panchesia of Panchesia, Panchesia of Panchesia, Pa have leen, after conceing, witnout any Lens 3 at 26th, its granted, that immediately after the Operation, feveral Perfors have feen very diffinelly: And the Lens's foon become necedlary, yet the first Moment whetein they have without, feems to be a Proof that the Crystalline was not

without, feens to be a Froot that the Crystalline was not exceed at large, Confirmation of the anient Syltens, affige this Region for the Necessity of a Less, after the Operation, wis that the Vice which pounded the Cate-zelf # fill shifting in the squeeze for Rays part of the Crystalline to be required by a Lens, which through a great Classity of Rays on the Retnar. He adds fone Experiment of the Crystalline to be required by a Lens, which through a great manner than the Crystalline could never be fall perfectly in the Buttom of the Eye, but there fill shack up, to as to single up part of the Paliga of the Rays, perfect on according to the Section of the Eye, but there fill shack up, to as to single up part of the Paliga of the Rays, perfect on according to the Crystalline Could never be fall perfectly in the Section of the Crystalline Could never the squeeze and virtous Hamour. He adds, that in the Operation of Concessing, the Needle is a spin to ferath the survivor Surface of the Crystalline Could never the Retalline in regular, and change the Direction of the Rays which floud of Origida. Lettly, its inside, that if the Crystalline de Concellar Retalline Could never the receipts and the Pariette would not be at all, for want of the section of the Pariette would not be at all, for want of the meedlar Retalline Could.

et Objects. Lattly, 'ns mittee, mat it in Caylsiline Se could't, the Plantes would not less it. All for want of the mount of the county of the county of the Caylsine and the Caylsine on the Caylsine on the Caylsine on the county of the Caylsine of Caylsine of Caylsine or particular, and the View without other; which throw, both that the Operation of Cardring the Crystine in particular, and that View may out Humon, upon removing the Crystialise, may be imported in an interference of the Caylsine of Caylsine of Caylsine, and perform the Refrictions and Offices of the facilities in the limit to Eligine of its Mould, and perform the Refrictions and Offices of the facilities in the limit is called Humon. See Evr.

To these, boover, that there are Castrall utilised from Glassians, M. Zirre product before the Society at tradit, or Felicie, which could the Aperture of the Fugil. See Parit, Virtual, of the Caylsine of the Pagil.

referd, or Fellide, which could the Aperuse of the Papil. See Ferrit, Virtue, 62:

CATAREH, in Medicine, Flux, or Definition of a furniferous Humaniter from the Glines bout the Head and Thesis, upon the Earn adjuscussion of the State of the Humaniter of the Humaniter of the Humaniter of infinite Perpiritions on raing cold, the Effect Wavenous to the Lymph, that finoid pair by the Skin, ourse outputs their Glines and being than occurvation, occur-ted to the Lymph, that the Humaniter of the Humaniter of See Tream. Dispose desired all Difficiles from clarifity, which he looks upon as the Sminary of most Different of the Budy. Emmilier distinguishes a bet and a calf Catarrity, the first attended with a single processing of the Budy. Emmilier distinguishes a term of a calf Catarrity, the first attended with the single processing the many that the cold, all the Symptoms are more remit.

There is also a furficestive Catarrh, seated in the Laryax, and Epiglottis, which it constringes; and thus, obstructing Respiration, endangers Strangling.

Relpáration, endangers Strangling.

Catarrhs are cured by fottning the Serofities, and augmenting Transforation, by means of Diaphoreticks, foporiferous Medicines, and Diurcticks. Smokking of Tobacco is recommended as excellent in all catarrhal Affections:

In objunate Catarrhs, recourse is sometimes had to Issues.

and Bliffers Caterrhs don't atife from the Head only, but fometi LEASTPH don't attle from the Head only, but fornetimes also from other Parts of the Body; the lymphatic Veffels, wherein the Scrofities are contained, as well as the Glands that separate them, being distillated all over the Body. The Word comes from the Greek Karageu, destine, I flow

CATASTASIS, in Poetry, the third part of the antient Drama; being that wherein the Intrague, or Action fet on foot in the Epitelfs, is supported, earried on, and heightend, till it be ripe for the antavelling in the Catastrophe. See EPITASIS and CATASTROPHE

The Word comes from the Greek Karasasu, Constitu

The Word comes from the Greek Resessens, Conflictation, this being as it were, the Mean, Tenno, State, or Caustinian on the Frece. See Dr. MAN, and T. RAGENT. Revolution of the Frece. See Dr. MAN, and T. RAGENT. Revolution of a deman is lower to the Turn with humaris the Indiago, and terminates the Frece. See Dr. MAN, T. RAGENT, SEE THE CATERIAN SEE CHIEF CONTROL OF THE CATERIAN SEE CONTRO

Clarge of Fermes, Enormnes by mann of a Diferency, and fonctioner without Change are, that it be probable and fonctioner without the Change are, that it be probable and the Change are, that it be probable to the control of the fonce of the Sometimes the Change confutts in the Discovery; sometimes it follows at a diffance, and dometimes refults immediately from it, which is the most beautiful Kind: and thas it is in OEdipas. See Discovery with the Discovery of the Change in the Sentiments and Resolutions of a Person, Change in the Sentiments and Resolutions of a Person,

Change in the Somitments and Refolutions of a Perfon, without any strict Machinery, may be for maning at are be-come executingly beautiful, any perforable to any other. The control of the property of the property of the head always till on the pully, and forwardly on the ide of Virence, or not t. i.e. Whether Virence is always to be re-warded, and Vice pumifield, in the Cantilypiele. But the Reafons on the Negative field feem the throughth. Ariffeld's portion a flocking Cantilypiely, to allayon one; in expect, the moving of Terror and Irity, which is the Aim of Tinge-cy, a better effects by the former than is interested to

Beffs divides the Cataftrophe, at least, with regard to the Ecopes, into the Unravelling, or Denouément, and the Ackevement, or Finishing; the last of which he makes the Accessment, or Findings, the last of which he makes the Kelait of the first, and co-confill in the Hero's Padiago the Kelait of the first, and co-confill in the Hero's Padiago This Period is bur a Peint, without Extent, or Duration, in which it differs from the first, which comprehensively the first the Knot, or Pior Inid. He adds, that there are leveral Unaveillagis in the Picce, in regard there are feveral Unaveillagis in the Picce, in regard there are feveral Mortalings in the Picce, in regard there are feveral Mortalings in the Picce, in regard there are feveral Mortalings in the Picce, in regard there are feveral Mortalings in the Picce, in regard there are feveral Mortalings in the Picce, in regard there are feveral Mortalings in the Picce, in regard there are feveral Mortalings in the Picce, in regard the picce is the Hero's Mortalings in the Picce, in regard the Picce in Picce i

COMERY, FARLE, Sc.
The Cataltrophe made the fourth and last Part in the

nation Drama; or that immediately faccoding the Gara-flaffs. Sec Catastass.

CATCH Land, is fact Land, particulatly in Norfolk, which is not certainly known to what Parifi it belongs; for that the Parfon who first gets the Tithes there, enjoys it for that Year.

for that Year.

CATCHFOLL, a Term now us'd, by way of Reproach, for a Bailiff's Pollower, or Affiliant; fee Bailiff's Collection, or Affiliant; fee Bailiff's Collection, the way of the Mose. Bailiff, apply to the few now call Serjeants of the Mose. Bailiff, any only other that us'd or arctif Mon oney Action. See Streen Nov. 65.

CATECHU, in Medicine, a for of medicinal Earth, and all all Cachon, and Jopan Earth. See Cachon, and Jopan Earth. See Cachon, and Jopan Earth.

JAPAN Earth

CATECHUMEN, a Candidate of Baptilm; or a Per-on who prepares himfelf for the receiving thereof: Sec Rangier

A athen difficult the Kind of Gardenmer, another depending the Antener, size, shole who were only Bozzer, dillinguishmen Kind of Gardenmer, and the Antener, size, shole who were only Bozzer, dillinguishmen kind of the Antener and the Ante

Competently, was excepted and the description. Reception. Reception. Learning the second of the seco

The Word comes from the Greek perspisuar, I am inthe found pretty brithy, as failety, and Steamory, See, the
freedest Whence, Carichmentum, the Gallery, or upper
the Chench, which was than eight eight eight eight eight eight eight
the Greet/miners fair hene, or were here inflicable,
the Greet/miners fair hene, or were here
the Greet/miners fair hene
the Greet/miners fair hen PREDICAMENT.

PREDICAMENT.
The Antients, after Ariffolia, generally make ten Cstegeries: Under the fift, all Subtlances are comprised a and
all Accidents under the nine lad, vise. Quantity, Quality,
Relation, Action, Paffion, Time, Place, Sirsasion, and
Habirsdet, which are alsally expensive, or fignity'd, by
the following Technical Dittitch.

Arbor, Sex, Servos, Ardore, refrigerat, uftos Ruri, cras, stabo, nec tunicatus Ero.

Rans, eas, Jules, not mustant Len.
Their con Cargonies of Artiflates, which Legicians make
(sab Mylierics of, are now almost out of Doors; and, in
sufficient to the second of the second of the
artistrary, without any Foundation, but in the Immigration
of a Man, who had so Anthonity to preferrbe Law for
consign the Object of other People in the Immigration
of a Man, who had so Anthonity to preferrbe Law for
consign the Object of other People in Beas. Accordingly,
dur'd under rheir feven Thing, Spirit, Matter, Quantity,
Subtlance, Eggene, Moders, and Reft; And others made
The Want Cargony, was berrowd by the Schools from
the Former, or Course of patients I not a, in a Trial, the
Takintin, or Professors of patients I not a, in a Trial, the
Takintin, or Professors of patients I not the West Cargony
or that, in politics Terms, where the West Cargony
or that, in politics Terms, where the West Cargony

fonce, must charge him expecisly, or aftern that he did this or that, in positive Terms; whence the Wood Caregory, viz. dazery-gooden, to aver, or declare: So in the Doctrine of Categories, every higher may be expectify, and absolute-ty predicated, or aftirm do of every lower.

CATENA, in Anatomy, a Muscle, otherwise call'd Ti-

"ACTENA, in Ansomy, a Mulcie, otherwise call'd Tbuilt driving a which fee,
CAI EXAMALA, in the Servine Concern, a Curv. Lise
CAI EXAMALA, in the Servine Concern, a Curv. Lise
CAI EXAMALA, in the Servine It foll into, when hong freely
between two Points of Sulpendine. See Curv..
To conceive the general Nature or Charafter of this
Carve, fappole, it as Line heavy and part of the Servine
Carve, fappole, it as Line heavy and part of the Servine
Carve, fappole, it as Line heavy and part of the Servine
Carve, fappole, it as Line heavy and part of the Servine
Carve, fappole, it as Line heavy and part of the Servine
Carve, fappole, it as Line heavy and the Servine
Carve, fappole, it as Line heavy and the Servine
Carve, fappole, it as Line heavy and the Servine
Lane of Meet International Control of the Servine
Lane of Meet International Control
Carve, it as Servine Carve, it as Expanilly in a Carve one supcorrect Carve Far Act of the Servine Carve, it as Expanilly in the Servine
Carve Carve, it as Servine Carve, it as Servine Carve, it is a Servine
Carve, it is a Carve of the Servine Carve, it is a Servine Carve, chanick, any three Powers, in Enginibries, are to one are-char, as the Lines private in the Lines of the desired by their care, as the Lines private in the Lines of their by their mural Consorder's Hence, if D de expedies the abbleue Constity of the Particle D d, fast is will, if we allow the Constity of the Particle D d, fast is will, if we allow the Constity of the Particle D d, fast is will be considered by the Particle choicevour to relate it left to a vertical Position is for that if that Lineste the Particle Constitution of the Particle Constitution to relate it left to a vertical Position is for that if that Lineste the Particle Constitution of the Particle Constitution of the Particle Constitution of the Particle Position will be constituted to the Particle Position with the Constitution of the Particle Position of Particle Position of the Constitution of the Constitution of the Constitution of the Constitution of the Particle Position of the Constitution of the

lefophical Transactions, No 231, where it is enlarg'd moon

leighbied Trengitation, 2-21.

D. D. Gregori.

CATERIA See Prayvan Medicines, et Remodies

CATERIA See Prayvan Medicines, et Remodies

that promote Presention My 5001, fee Punaaryvan,

Some afe the Word Catherrie in a more general See,

Comprehending ander it Emerica, or Vennitures, but this

fermi an Abule: See EMETICS.

Conferencia, in the proper Senie of the Word, see of e
Conferencia, in the proper Senie of the Word, see of the Word.

Catharries, in the proper Sense of the Word, are of se-veral Kinds, mild, moderate, and violent: The first purge gently, as Cossia, Manna, Tamarinds, Rhubarb, Sens. &c.

Word frems to take its rife from the manner of

The Word feams to take in rife from the manner of fetting in the antient Charcher, or Alfemblies of primitive Cariffares: In their, the Council, i.e. the Elders and Tylley, who held the Pieses of Chirman, Carivelanis; and the Pretalyzers, who face on either field, were also called by the antient Fathers, Alfgreiter, Epiphysemm. The EpiGopal Authority did not reade in the Biffing place, in all the Pretalyzers, whereof the Biffing place is all the Pretalyzers, where the Biffing place is all the Pretalyzers, where the Biffing place is all the Pretalyzers, whereof the Biffing place is all the Pretalyzers, whereof the Biffing place is all the Pretalyzers, which is all the Pretalyzers and the Pretalyzers, where the Pretalyzers and the Pretaly See Parseyter

See Fasaryra.

A Catelectat therefore, originally, was different from what it is now; the Chrillians, rill the Time of Conflamine, having no liberty to build any Temple: by their Charches they only meant their Adicables; and by Gathedat, nothing more than Catellaries. Whences appears the Vasity of issue Authors, educatily the Shamarda, Time of the Appears, decising the Shamarda, Time of the Appears, the Vasity of issue Authors, education from the Greek adults, Chris, of adults, and the Catellaries, the Catellaries, and the Catellaries, the Catellaries, the Catellaries, the Catellaries, the Catellaries, the Catellaries and Catellaries and Catellaries and Catellaries and Catellaries and Catellaries.

Times of the aponues. In what was a season are above, confirme and carry cashes, chart, of a self-part, fideo.

CATHERETIC Medicines, fach as confirme and carry off Carcofiries, proud Fleth, and Exercécences ariting in Wounds, Ec. luch are the red Precipitate, burnt Mom, blue

Visrid, Stone, Sec.
The Word is form'd from the Greek zaza, and asia, I take away, carry off.
Some call these Medicines Sarcophages, Flesh-caters

See CAUSTIC

See Caverte.

S. CATHERINE of Meant Sinai, a Military Order, inflituted in 1603, on occasion of finding the Body of S. Catherine on Meant Sinai; which drawing a great Concourte of Fligitims from all Quarters, an Order of Knights was established, on the Foot of that of the Hely Sepulcite, to render the Journey more fate among the Arabs. See SE-PULCHRE.

They receiv'd the Rule of St. Baffl, and own'd St. Ca-theyine for their Patroness: Their Vows were, to follow their Rule, guard the Body of their Patroness, focure the Roads in favour of Flighting, defend the Catholick Church, and obey their Grand Matter. The Order is now extind,

and obey their Graad Matter. The Order is now extunt, as well as that of the Hely Sepulers.

CATHETER, among Chrungeons, a hollow Probe, or Inflament, fomewhat crooked, to thraft up the Yard into the Bladder, in order to affill in making Urine, when the Faffage is thoppd by the Stone, Gravel, Catracles, &c.

The Word comes from the Greek asony, insurits, to fend in

Hence, Catheterifm is the Operation of drawing the Urine out of the Bladder with a Catheter.

CATHETUS, in Geometry, a Perpendicular; or a Line, or Radius, falling perpendicularly on another Line, or Surface: See Preparationals.

Thus, the Cashesi of a reltangled Triangle, are the two

Thus, the Cathesi of a reliangled Triangle, are the two Sides that include the right Indie. See Rect-Annel.

Catherne of Incidence, in Catoptrice, is a right Line draws from a radiant Point, perpendicular to the Plane of the Syeculum, or Mirror. See Incidence.

Catherne of Refielding, or of the Eye, a right Line drawn from any Foint of a reflected Ray, perpendicular to the Plane of Refielding, or of the Syeculum. See Rethe Plane of Refielding, or of the Syeculum. See Re-

CATHETUS of Obliquation, a right Line, drawn perpendicular to the 39eculum, in the Fointor Incidence or Reflection. CATHETUS, in Architecture, is a perpendicular Line, patting along tho the middle of a Column 1 or that thro the Eye of the Volute, in the Four Capital 3 call'd also Asis.

Soe Aris, and Volume.

CATHOLICK, is us'd in the Senfe of Universal. or Ge-

CATHOLICK, is wil in the Senie of Triverpl, or Ga-erral jac Giana salve dis impactable. In Term Carbiclian into the Charch; appointing by an Editi, that the Title flound be applyd, by way of Proceimence, to the flound be applyd, by way of Proceimence, to the flound be applyd, by way of Proceimence, to the proceiment of the Proceiment of the Proceiment of the Co-tage of the Armer, Sec. Carbiclian, both one for the case in predominate, that the Arians were call the Co-lored by predominate, that the Arians were call the Co-lored by Proceiment of the Co-lored by Proceiment of the Proceiment of the Co-lored by Proceiment of the Arians were called the Co-lored by Proceiment of the Arians were called the Co-lored by Proceiment of the Arians were called the Co-lored by Proceiment of the Pro-tee of the Proceiment of the Proceiment of the Pro-leman of the Proceim

Expulsion of the Moors. The Bollsmanists pretend, the Trile was been by their Predecessive, the Vilgorb Kings of Spains and that Alexander VI. only renew di to Ferdis and and Ijabelle. Others say, that Philip de Valets full been to Trile swhich was given him after his Death by the

bese the little, watch was given him attern at Deam by the Ecclefatities, on account of his favouring their Interests. In some Epistles of the antient Popes, the Wite Catibo-tick is given to the Kings of France, and of Fernsplam, as well as to several Partiarchs and Primates. The Word is form'd from the Greek and Son, univerfally; whence gif-Aude, universal.

CATHOLIC Furnace, is a little Furnace, fo contriv'd, as to be fit for all kinds of Operations, which do not require

to be in the file size of Operations, which do not require an intentile File. See Furnace.

CATHOLICON of Spain. See Manippan Saggr.

CATHOLICON, in Pharmacy, a kind of folt Electharty; fo call'd, as being lappor'd smiterfall; or a Parger of all Humours. See Electrusty.

Humons. See Exervant.

Different Authors give different Recipes for it: That
call'd Cationicon Nicholai is most in use; it confists of 16
Ingredients, the chief whereof are Tumarinds, Cassis, Senas, and Rhuberb. It is fall to be double, when there is
a double Portion of Sena and Rhuberb.

The Casholicon for Clyflers, only differs from this, in that it has no Rhubarb, and that Honey is ne'd inflead of Sugar. See CLYSTER

See Curveta.

CATKINS, in Natural Hilbor, a Subdiance growing on Nus-Teen, Diract-Trees, Ge. in Winter time. So: Plans'r. Nus-Teen, Diract-Trees, Ge. in Winter time. So: Plans'r. Nus-Teen, Diract-Trees, Ge. in Winter Computer St. Order, St. O

Isid down The Word comes from the Greek narraless, Specultus; of sare, and opeques, video, I fee.

Cayopyraical Disl, a Disl which exhibits Objects by

CATOTTRICAL Dist, a Dist which exhibits Objects by reflected Rays. See Replacting Dist.

CATOTTRIC Teleforpe, a Teleforpe that exhibits Objects by Reflection; see Replacting Teleforpe.

by Reflection; ice REFLECTING YeldeVer. Carpertac Offliels, a Machine, or Apparatus, whereby little Bodies are repreference extremely large; and near one extreamly wide, and diffused three a valie Space; and other agreeable Phinmomena, by means of Mirrors, difficed by the Lawred Carpertee, in the Concavity of a kind of Cheft.

Of their there are various Kinds, accommodated to the various Intentions of the Artificer: Some multiply the Objects; some deform 'em; some magnity, 28c. The Structure of one or two of 'em, will suffice to show how infinite more may be made.

To make a Carorrane Ciffula, to reprofest feveral dif-tinst Scenes of Objetts, when took d in as feveral Foramina,

or Holes Provide a polygonous Ciffula, or Cheft, of the Figure of the Multilateral Prifm ABCD EF, (Plate Oprics, Fig. 7:). and divide its Cavity by Diagonal Planes EB, FC, DA, interfecting each other in the Centre G, into as many trianinstickling seas other in the Course G, into as many rina-giolite Locales, or Gells, as the Chest How Sides. Lice the make round Holds, the which the Sides Lice the make round Holds, the which the Eye may peep within the Locales of the Chest. The Holes are to becover 4 with plant Giller, present within fine, be not pridted the plant Ciller, present within fine, be not pridted the plant Ciller, present within fine, be not pridted to a constant the constant of the covering up the Top of the admitted to the constant of the covering to the Top of the admitted Light, whe Machine is complexed. For, from the Laws of Refiction, it tollows, that the same than the complexed of the covering the covering whence the Objects in one Loude, will appear no take the plant of the covering the covering the covering whence the Objects in one Loude, will appear no take the gainty in the covering the course of the covering the gainty in the covering the covering the covering the property of the covering the covering the covering the covering the gainty, interferent, the cost Biological course, the covering the gainty interference, the cost Biological course, the covering the gainty interference that the covering the covering the covering the gainty interference that the covering t

ap more com than is contint'd in the 'whole Chelen's ploubles, therefore, the one Hole only, the Objech in one Locatle will be feez a but those multiply'd, and diffield then a Space much large than the whole Chell's than every new Hole will afford a new Scena. According to the different Angle in the Mirrors made with each other, the difficunt Angle in the Mirrors made with each other, the difficunt Angle in the Mirrors made with each other, the major will be monitrous, Esc. Sec. Sequent March 1991.

See ANAMORPHOSIS The Parchment that covers the Machine, may be made The Parchment that covers the Machine, may be made-political, by walting it feveral times in a very cleat Lye, then in fair Water, and bracing it tight, and exact fing it to the Air to dry. If it defir'd to throw any Co-leur on the Objects, it may be done by colouring the Parch-ment. Zelmir recommends Verdigreate, ground in Vise-gas, for green; Decotlion of Zirolli Wood, for red, Ec. He adds, it ought to be varialfied, to make it finds. To make a Carorraic Ciftula, to represent the Objects within it prodigiously multiply'd, and dissu'd thro a cast

Space. Make a palygonius Gillula, or Cheil, as before, bur without dividing the inner Cavity into any Apartmens or Loculest (Patto Office, Plazo) here its enverient Plance CB 111.

Other Cavity, Plazo Space, Cavity, Plazo Space, Plazo Space,
Parinto, ar Aperture, pare of the Tin and Quichfore, that
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Images removd at equal Dillances from one assumers. Hence, were a large multingular Room, in a Prince's Palace, lin'd with large Mirrors, over which were plain peliacid Glafficts to admit the Light; 'tie evident the Effects would be very furprising and magnificent. See Miranoa,

Werter von German an ontegeneem: see saksan, Werter von German an ontegeneem: see saksan, CATOPTREMMANCY, a kind of Diriatrion, among the Amteurs; to wiled, locatic contings in the Applica-guest and the Catoptrem and the Catoptrem and the Propagate 1879, it was as to see mong the obstant; where Amterior and the Catoptrem and the Catoptrem and Amterior and the Catoptrem and the Catoptrem and Temple of Gert; then, looking in the Glist, if they lev Temple of Gert; then, looking in the Glist, if they lev Temple of Gert; then, looking in the Glist, if they lev Temple of Gert; then, looking in the Glist, if they lev Temple of Gert; then, looking in the Glist, if they lev Temple of Gert; then, looking in the Glist, if they lev Temple of Gert; then, looking in the Glist, if they lev Temple of Gert and Catoptrem and Catoptrem and Death on the Courtey of the Venezies of the propagate of the Catoptrem and Temple of the Gert and Temple of the Catoptrem and Temple of the Catoptrem

CAVA, in Anatomy, the Name of a Vein, the largest in the Body, terminating in the right Ventricle of the Heart; where it opens with a large Mouth, to convey to it the Blood brought from all the Parts of the Body, by the Branches of the other Veins, which all terminate in

the Caus. See VEIN.

the Gree, See Vein.

At its Errorse, time the right Ventricke, it has there members because the right Ventricke, it has the remaindent Veiner, and Prostlykar, or Professions of the Control of the Bood Prostlykar, or Profession of the Bood Prostlykar, or Profession of the Bood Prostlykar, and the Prostlykar of the Pro

nonut nortemen, carrages, 36. by wayor rarade, or Ceremony. See Carrages, 17117, Quadritt, 26. CAVALLER, or CAVALLER, a Horieman, or Perion mounted on Moteback. Antiently, the Word was reftrained to a Knight, or Mites. See Kanserr, and Miller. The Prench fill wit Chevaliter in the fame Senfe. See Cura-

VALUES.

VALISH.

CAYALIS, in Fortification, a Terrace, or Platform, CAYALIS, in Fortification, a Terrace, or Platform, Fort high, stop of a Empary, for plating the Cannon so, and feecing the Constay about. The formctimes allo make above the other Works, as a Mosa a finificate is above a bound works, as a Mosa a finificate is above a Bootman whence the Demonitation. In form, the Carolier is fornetime round, and dimension figure; a baving always a Parape to cover the Cannon: Its Emeth Argenia on the Number of Plates to be being don

it; there being always allow'd an Interval of 10 or 12 Foot The Cavatier is also immersioned or loading and firing.

The Cavatier is also immerimes call'd a double Bestion.

CAVALIERS, or CAVALEERS, confider'd as a Faction;

fee Ton. V. A. Body of Soldiers, who fight, or march on Hordback. See Sources; fee allo Grants. On Hordback See Sources; fee allo Grants. See all of the Hordback See Sources; fee Permolo into Companier of Ordensor, as all of Confess of Confes

Squadrons. See Squadron

Squadrons. See Sequaness.

The Remarks, in their first Wars, were unsequalisted with
the use of Cassalys, and made their whole Farce consist in
Infantry; informach, that even in the Engagement they
made their Horse dismount, and sight on Foot; never reconstitutions of the Cassaly and the State of the State of the State

The State of the St small mer Horte dimonth, and fight on Foot; never re-leming their Horfes, but to parise the Energy the better when routed. It was the Cavalry of Pyrrhus, that first occasion'd them to alter their Sentiments; but effectally that of Hamilbad, which first them with facils a Terror, that the invincible Reman Legions durit not attack them on even Ground.

The Word comes from the corrupt Latin Caballus, a Horfe; whence Caballarius, and Cavallarius, in the later and xasannago, in the Greek.

Letters, and assistance, in the Greek.

CAUDA Dracowit, the Dregoul: Tail, in Aftenomy, the Name of the Moon's defeending Node; fee Nons.

CAVEAT, in Law, a Bill enter 4, in the Ecclestatical Court, to flop the Preceedings of one who would prove a Will to the Prejudice of another.

CAVERNOSA Corpors, in Anatomy, call'd also Cor-pors stereofs, and frongista, are two cavernous Bodies, of an indeterminate Length and Thickness, whereof the Pe-

an meterminate Length and I beknets, whereof the Pe-mis is principally composed. See Pensi, See Their internal Substance is rare, and spongy; and when fill'd with Blood and Spirits, dilates and swells: in which, the Tension, or Erection of the Yard confils. See Exercise.

Tention, or Erection of the Yard confile. Soe Execution. They have two diffield Beginnings from the lower, Side of the Offa Publis, whence they increase in bulk, till their meeting with the Caryan Cavernofum Uretime, where they join into once, and are retained by means of a Septime composed of their outer Tunks: Their other Extremities

compos'd of their outer Tanks: Their other Extremities are capped with the Glass jee Glans.

CATERNORUM Chepus Urestre, a third spongious Body of the Penis; to called, because the Urestre, or utionsy Passage of the Penis is included therewith. See URETHRA-Passage of the Penis's inclosed therewith. See URETHEA-les Figure, contrary to that of the two Coppose Cover-sofe, is largest at its Entremities, and least in the Middle, its upper Part is in the Perinsense, and is call'd its Bub, from its Figure. Its external Membrane is thin, and di-vided lengthwife by a Septum. The middle Part of the vided lengthwife by a Septem. The middle Part of the Corpus is nearly cylindrical; but the Paffage for the Urino is not along the Centre, but inclines to its upper Part, next the Body of the Penis; its lower Extremity dilating it felf, forms the Gloss. See Glans.

felf, forms the Gless; See GLASS.

CATABOSA Coffors of the Cliveris, are two netwous or frongy Bedies, like those of the Penis; having their Origin from the lower Part of the Of Publis, on each fide; and unlting together, conflictue the Body of the Cliveris, as those do that of the Penis, See CLYPORIS.

Indeed, they have no Perforation analogous to that of

the Penis; but they have a Septum, or membranous Par-tition, running all along between 'em, and dividing 'em from the Giaus, to its Devarication at the Os Pubis, where ey are call'd Crews Citoridis: See Caura Citoridis. Cavernosum Corpus of the Pudendum. See Review-

CAVESON, in the Manage, a kind of Bridle, or Mut-roll, put on the Horie's Nose, which binds or locks him rall, put on the Horfe's Nofe, which binds or locks him in, and ferves in breaking, managing, and turoring him. The Gevefour for breaking young Herfes, are whally of Iron, made fermicicularly, of two or three Pieces turning on Joint; others are twifted, others flat, others hollow in the Middle, and indented like Sews, call'ld Mordants: the theolidad are now built'd the Academics. The Rope and Leathern Gratifous, few for palling the Hard between and Leathern Gratifous, few for palling the Hards between two Pillars. The Word conness from the Spanish Casyofs, Head. CAVETTO, in Architecture, a holious Member, or Moulding, containing a Quadrant of a Circle, and having an Effect pill contarty to that of a Quarter-round: It is used as an Ornament in Cornices.

M. Felibien observes, that the Workmen confound the

Cavetto with a Scotia, but to ill Purpose; the Cavetto being in effect only half a Scotia; yet he himself is chargeable with the same Oversight. See Scoria.

able with the fame Overdight. See Scorya. When in in satural Sixuation, the Workmen frequently call it Gala, or Grank; and when inverted, Gorge. See The Work is Ration, and no more than a Diminative of Cavan, bellow. CAVIA, extled also Cavini, Cavanie, and Cavine, a kind of Food, or Kayou, in mighty ufe and results of the Cavanie of Cavanie. And Cavanie of Cavanie. Cavan

pure throughout Mafeory; and lately introduced upon the English Table. Kavila, is the Roc, or Eggs of the Fish Sturgeon, taken one, faired, and dryd at the Sun, or by the Fire. The Italian Merchants fertical at Mafeore, drive an incredible Trade with Cavia; the Fifth being caught in prodigious Quantities at the Mouth of the Vogs, and other predigion Quantities at the Monh of the Physics and other Rivers which compty themflives into the Caption Six. They care, or prepare the Rices on the Spot, and theree which the Caption Six of the Caption

Some eat it alone with Bread; and others only as a Sauce,

Some cast A amondance or Pickle, like Anchories.

CAVIN, in Fortification, is a bollow Place, proper to favour the Approaches to a Fortros 5 fo that one may ad-

vance therein, under Covert, towards the Eacmy, as it were in a Trench. If it be within Mulket-flot, tis a Place of Arms, ready made to hand; and a Convenience for opening the Trenches, out of fear of the Enemy's Shot.

CAVITIES, among Anatomits. See Venter, and RECTOR

CAUL, in Anatomy, a Membrane in the Abdomen, co-vering the greatest part of the Guts a called, from its Structure, Resiculum, but most popularly Omenium. See OMENTUM.

CAUL is likewife a little Membrane, found on fome Children encompassing the Head, when born. Drelincourt takes the Caul to be only a Fragment of the

Membranes of the Farss; which ordinarily break at the Birth of the Child: See Forres. Lampridius tells us, that the Midwifes fold this Cont

Lampriants tens es, that the Midwike food into Cent at a good price to the Advocates and Feaders of his Time; it being an Opinion, that while they had this about them, they flow'd carry with 'em a Force of Perlaction which no Judge could withfland: The Carona fixibid the Uie of it; because fome Witches and Sorceters, it feems, had abust dit.

CAULICOLES, CAULICULI, in Architecture, are eight leffer Branches, or Stalks, in the Corinthian Capital, fpringing out from the four greater or principal Caules, or

ipringing out from the tour greater or principa. Lanux, or Stalks. See Corinthian CAPITAL.

The eight Volutes of this Order, are futfained by four Coulst, or primary Branches of Leaves; and from which arife these Caulicoles, or lesser to Stalks. See Volute, and T.TAVES

Some Authors confound these with the Volutes them-felves; some with the Heliess in the Middle, and some with the principal Stalks whence they arise.

The Word comes from the Latin Gaulis, the Stalk, or

Stem of a Plant, whence the Leaves and Branches arife.

CAULIFEROUS Herbs, are fach as have a true Caulis, CAULIFEROUS Herbs, are fach as have a true Caulis, Stalk, or Trunk, which a great many have not; as the Ca-pillaries, &c. See Strum, Stocs, Capillaries, &c. CAUSALITY, In Metaphylics, is the Dewer, or Adlon of a Caule in producing its Effect. See Cause. This a Diffuct. among the School Philideology and the

of a Caufe in producing its Effect. See Cause.

"Its a Diffute, among the School Philosophers, whether, and how the Caufainy is distinguisful from the Caufe and Effect: Some hold it a Mode, or Modal Entity, superadded to the Caufe, 8% others contend for its being the Caufe it felf, only considered principiation and termina-

Caule it retr, unit research the first surface and the first surface and thing is for by virtue whereof a thing is done: Thus a Wound is the Coufe of Death, Credity of a Difeate, &c. Coufe is a Term of a Relation

Credity of a linear, Governor to Effect; for Eyrec.

First Cause, is that which acts of it felf, and from its own proper Ferce, or Virtue; in which Senfe, God is the only

First Cause. See Gon.

Second Casales, are those which derive the Power, and
Faculty of acting, from a First Cause. Such Causes don't
properly act at all 1 but are acted on: and therefore are improperly call's Causes: of which Kind are all those that
we call Natural Causes. See Nature.

Mathematical Causes of Marches.

Mathematical Causes of Marches.

F. Malebranch denics Second, or Natural Caufes, to have any Force, Power, or Efficacy to produce any Effect; and thinks the Notion in it felf incooccivable. "Tis certain and thinks the Notice in it led inecoevable. This certain the Philosphers are fittingoly puzzled, and divided about the manner of their Agency: Some maintain 'em to all by their Matter, Figure, and Motion; the Congruencus.'s others by a Judyfautial Form; the Sudyfautial Form; the Sudyfautial Form; and Form; others by certain Leadings of the Matter and Form; others by certain Leadings different from all their See

Facutir, Foun, Quature (Cont. 1990). The Man and Intel. See Some maintain, that the falkatinal Form produces Forms; and the accidents, Accidents, others, this Found Accidents and the accidents, Accidents, others, this Found accidents after an enable of producing Accident, and even Forms. Again, thois, for Intince, who fay that Accidents after an enable of producing Accidents, and even Forms. Again, thois, for Intince, who fay that Accident Montal Forms to Which they are justed, don't all mean the form of this year. See Just 1997, and the Accident form of the Forms of which they are in the Accident fact they received the Indiance of the Form, and or by at they wires thereof's others, halthy, that they are only Justice and the Form and or the Form and or the Again, the This Confedence and district. others by certain reconst.
Faculty, Form, Quality, &c.
Some maintain, that the fubfiantial Form produces

Again, the Philotophera are divided as to the Aftion Again, the Philotophera are divided as to the Aftion whereby Second Causel; produce their Eiffels. Some militain, that the Cangier penduce their Eiffels some militain, that the Cangier geometre produced, discus it said producers others will have for no all trayly by their Aftions. Such Variety is three in the Sections ex reo of modern Philotophera; and thesis too not Neighbours now are the Against, and these at a Dillance time to a letter agreed. Against, and these at a Dillance time to a letter agreed and the state of the Aftin and the Against, and the Against and the Ag

feet; that a third : and thus to the laft; which laft produces fed; that a third; and thus to the last; which last produces all the corporeal Sublitances and roloc corporeal Sublitances. Accidents. But Arbicrons., nor being able to coxective and the corporeal Sublitances and the corporeal Sublitances and the corporeal sublitances. The company of the company of the corporeal sublitances are sublitances. In the company of the corporation of the corporati

any thing. See Erriciant Confe.

Material Causas, the Subjects whereon the Agent works, or whereof the Thing is form'd: thus, Marble is the Matter or Material Caufe of the Statue. See Material Caufe.

are Miterial Casife of the States. See Maxima at Casif.

Francial Casis, in Congerce relating from the Although

Francial Casis, in the Congress of Casis

guillies it from every thing elds: Thus, the Soul is the Farm, or

Francial Casis, the Motives which induced a Man to all; or

the End for Man, 15%. See Formant Casife,

Francial Casis, the Motives which induced a Man to all; or

the End for which the Taings is close to the, Villeya and

Some add the Energistry Casis, which is the Model

the Agent Enra, or propoles, and by which he conductly

and the Casis of the Casis of Casis of Casis

and See Energistry Casis, which is the Casis of Casis

and See Energistry Casis, which is the Casis of Casis

and See Energistry Casis, which is the Casis of Casis

and See Energistry Casis, which is conducted to the Casis of Casis

and See Energistry Casis, which is the Casis of Casis o

Causes, again, are diffinguish'd into Physical, or Na-yral, and Moral.

turel, and Morel.

A Phylical Cause, is that which produces a fensible corporcal Effect: thus, the Sun is the Phylical Cause of Heat.

A Morel Cause, is that which produces a real Effect, but

in Things immaterial : thus, Repentance is the Caufe of Forgiveness.

Forgiveness.

Others define a Phylical Caufe to be that which produces its Effect by a Phylical Virtue, and a Boral Caufe, that which determines the Phylical Caufe, tho are necessarily to produce the Effect; in which Scafe, its allo call d a Diphylitrice, Excisitive, and Imparative Caufe. On the Phylical Caufe of Light, a Store that treads the Skull, a Phylical Caufe of Light as Store that treads the Skull, a Phylical Caufe of Light and the Caufe of Light and Light and

thus the Advice, Intreaty, Commands, or Menaces which determine us, the not necessarily, to do, or not to do any thing, are Moral Caufes.

In this Senfe, a Moral Caufe is only applicable to a free intelligent Agent; and 'its this Notion of a Moral or Physical Caufe, that is the most just, clear, and diffinct. See

MORAL Caufe. Causes, again, are confider'd, either as Univerfal, or

CAUBE, again, are confidered, either as Univerfal, or Particular, Principal, or Inframental; Total, or Par-tial; Universal, Equivocal, &c.
An Universal Caube, is that which by the Extent of its
Power may produce all Effects. See Universal.
A Particular Caube, is that which can only produce a fingle liffect, or a certain kind of Effects.

A Principal Cause, is that which gives Motion to the Infrument, or which does not operate beyond its own natural Efficacy.

urst concesy.

An Inflyromental Cause, is that and by the Principal to enduce its Effect 3 or which is excited to produce an Effect, beyond the Measure of its own Perfection.

A Testal Cause, is that which produces the whole Effect.

A Partial Cause, that which concurs with fome other

A PATTAL CALOS, that which concurs with some other producing the Effect.

An Universal Cause, is that which is of the same Kind d Denomination with its Effect; as a Man the Cause of

a Man. See Univocal. a Man. See Univocal.

An Equivated Cause, is that which is of a different
Kind and Denomination from its Effect; as the Sun is the
Cause of the Animals it produces. See Equivocal.

The Carressians resolve all Physical Cause: into Occasio-

stal ones. Occasional Causes, are only the Occasions, not the direct Causes of their Effects. See Occasion.

The Soul, fay those Philosophers, is not able to act on

The Sour, my more among the source of the Body; nor the Body reciprocally on the Soul: to keep up an Intercourse between 'em, God, on ecosion of the Motion of the Body, impresses a Sensation on the Soul; and, on occasion of a Sentiment of the Soul, imprefies a Motion on the Body. The Motions, therefore, of the Soul Motion on the Body. The Motions, therefore, of the Soul and Body, are only Occafforal Cassifs of what paffes in the one or the other: thus, fay they, the Stroke or Perculion, is only the Occafforal Cassife of the Motion produc'd in the Body frack: "The God is the direct Efficient Cassif. And thus the Action of Objects on our Organs, is not the
Efficient Cause of our Ideas and Perceptions, but merely
the Occasional Cause, which determines God to act on the the Decelerant Cassie, which determines God to able on the Minds according to the Laws of the Union of Soul and Body. But the Confequences that follow from this fine Reafoning are very unlexify, not to fay idulculous: Thes, it is not the Cammon-Bull time Illia the Min, no bears down the Wall, but it's God that does it: the Morton of the Cammoneer, which Livin, mor'd by the Power of God, applyd Fire to which Livin, mor'd by the Power of God, applyd Fire to the Cammon Pouder inflam'd, determin'd God to drive out the Ball ;

and the Ball driven, with an inco exterior Surface of the Body of a mines God to break the Bones of the Wall, &c. A Coward, who away at all ; but the Motion of his by the Impression of a Squadren of him, with Bayonets at the Ends of mines God to move the Coward's I

from them from them.

It has been often faid, in a moral Senfe, the World is a Comedy, and that each Man only acts hy Part; but is may be been faid, in a strict Physical one, that the Universe is a Pupper-Show, and each Man a Pauphinello, making a great deal of Noise without speaking, and bushing

ing a great ceas or extension measures, which are without moving.

CAUSTICS, in Medicine, &c. are factly Things as have the Virtue of Burning, or are Correller; particularly those Medicines which by their violent Activity, and the Heat thence occasiond, destroy the Flexture of the Parts

Heat theree occasiond, deitroy the Mexime of the Paris to which they are apply'd.

Caustics are used to car off proof fungous Flosh; they allowed the car of proof fungous Flosh; they allowed the particular proof of a Ablectes and Imposthamations, to cat thro to the suppurated Matter, and give it vent.

givo it went.

The principal Medicioes of this Clafs, are bornt Alum,
\$Spange, Conthorides, and other, Patentries; as also Orpiment, Calar views, Viried, Albert, of the Fre-Free, the Alli,
and Wine Lees; the Sast of the Lixivium, whereof
Soap is made; Subhinate, Merung, red Propinter, See,
See each deferthed under its proper Article, Alum, VirtusCasa-CANTHARIDES, ORPINENT, MERCURY, SUBLIMATE,

OF, CASTHARDER, ORFINSTY, MERCENY, NURLIMATE, PRACEIPLATS, Edition, and Lapit Informalis, made of Doubles of the Motor, and Lapit Informalis, made of Thomas of the Motor Caudities by that Alberton. Soc Chartan, 55.

Those Caudities which have through the Motor Soc Chartan, and Leave a Soc, are persicularly called Canterias; and Lorenza, and any of the Motor Chartan, and Canterias, and Canteria

The Word comes from secretary creats of assources, bearing.

Caveric Gallys. Soc Breastree-Gallyst. Correy ferrid
by the Concente, or Colmodence of the Ray of Light
by the Concente, or Colmodence of the Ray of Light
needled, or enflicted from from other Carre. Soc Cenva.

Accordingly, Conflict are divided into Castendrie, and

Accordingly, Conflict are divided into Castendrie, and

Accordingly Control of the Control of the Control

Refriction. Soc Cantacteries, and Discavers.

Castific Curves, are the Invention of M. Jehry changes

who first proposed with not the Ancheny of Sciences, in

riosa. They have this remarkable Property, that when the Carves that produce them are Geometrical, they are

the Carves that produce them are Geometrical, they are cogual to known right Lines.

Thus, the Caulfus formed in a Quadrant of a Circle by reflected Rays, which came at fift parallel to the Diame-ter, is equal to \(\frac{1}{2}\) of the Diameter; which is a fort of Rec-tification of Carves that preceded the Invention of the new Dottrine of Infinites \(\frac{1}{2}\) on which most of our other Rectifications are ball; See Rectifications.

Rectineations are built. See RECTIFICATION.

The Asademy appointed a Committee to examine the new Curves, viz. Medi. Caffini, Mariette, and de la Hire, which laid doubted much of the Defeription, or Generation, M. et glibbiratuslaying agave of the Casafite by Reflection, Medical Caffinian and Caracterian, from a Quadrant of a Circle. The Author refueld tion, from a Quadrant of a Crele. The Audion reducit to different all his Methods and M. te Inter profitied in holding the Generation fripricess. M. Tjebrimsanyer, however, was focusion of it, that he fare it is the Leife fife Journalith, tho without any Demonstration. CAUTERS, in Geningery, a homing Medicine, or a Competition of feveral Talage, which gaw, horn off, our through the first of the Turn, and forth the Turn; and, forther depression, and forther through the first of the Tickney of the Tickney of the Open and the Tickney of the Ti

Cameries are of two Kinds, Adval, and Perential.
Adval Cauters, are those which produce an instant ACMINI CANTRAIRS, are their which produce an initialization book Effect, as Pier, or a relebra from, which are applyed in the Fillula Lachymulis, after Extigrations of Cancers, Ampunitions of Legs, or Arms, Es. in order to floy the Hemorrhages, and produce a laudable Suppurstain. The lens used on their Occisions, are formettings crooked at the Extremity, and that variously, according to the variety of Cocisions: Whence fome are called Chitellary, others

Occafions: Whence fome are called Entellary, others, Pumilitati, others Olivery, &c. Olivery, &c

See Causties.

The Adual Cantery, or hot Iron, is frequently apply'd for the making of Iffues, in Parts where cutting is difficult

an Ivy Berry, to keep it open for elves Cameries ; fo call'd because

ly apply'd to the Nape of the Neck,

es from the Greek nein, ura

CAUS , a maffive Confruction of Stone, Stakes, Falcines; on an Elevation of fat, viscous Barth, well beawither as a Road, in wet marthy Places, or as 4 ferving

ten s ferving Pither as a Rood, in wet marthy Flaces, or as a Med to sétain the Waters of a Pond, or prevent a River from o'n flowing the lower Cround, See Root.

River from o'n flowing the lower Cround, See Root.

When Colleging and that from the Latis Colleges a scoreding to Somer a' Spétann, è calerande, aux a caler quita lumiplandi et cale humination. Perger rather takes the Word to have in Nie 3 pedistum celetris, public tremun.

CAXA, a little colpta Colon, mind with a little Copper

CAXA, a little leviled Coin, mixed with a little Copper Shum, flucia, Lorido, but extract schiley at Blancas, in the cert of the lifesch of Zeros, and in form of the neigh-lifesch of the lifesch of Zeros, and in form of the neigh-lifesch of the lifesch of the lifesch of the lifesch of the a figure Hole through the hildle; by means whereof, while he will share, obtains 200 Cents, quelwheat to nine Teach Denierr, or Penceshat left than three Per-Cart, make 2 options. Outling, except, quelwheat the case of the Cases, a String never falls to the Ground, Night sheep did not Water, but you for firm to one ma-ther, that they are not to be Geparated without braking on the life.

one hair of 'em. The Mobils call 'em Gas, and the 'fa"The Least are of two Kinds, press and fault.' The
Least are holds we have been figurities of a good and one
of a recipant to See Liver a §860, 2004 Money. The
fault are holds we have been figurities of a good and
of the control of the control of the control
of Eight, or 41, 64. Steeling. Their are nearly the finne
with the Carbot of Chran, and the Capita of 'fydyna.
CEILING, in Architechure, the upper Bro, or Roof of
Lithi, mill on the Bietner of the 1961 that bear deFloor of the upper Room; or on Jodis for that purpole.
The World Gling, antéver purty accurately to the
Luin Lement, every thing over Head.
The Rither Chings are much util a Indigitation, more than
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CELARENT, in Logic, a Syllogifm whose fecond Pro-ofition is an universal Affirmative; and the rest universal ofition is an uni

Sec Syllogism.

CELATURA, the Art of Engraving. See Engraving. CELEATURA, the Art of Engraving. See ENGRATING. CELERES, in Antiquity, a Body, or Regiment of Guards of the anticot Roman Kings, ethablished by Re-mulus; conflicting of 300 Youths choice from the bell Fa-milies of Rome, and approved by the Suffrages of the Curre of the People, each of which furnished ten. See

The Celeres always attended near the King's Person, to

The Ceiters always attended near the King's Perfon, to guard him, and to be readys over ny lio Orden, and cascute them. In Wat, they made the Vast-Guard in the Energement, which they always beginn file! I Retrease. The Ceiters were at Body of Horfs, yet they shally diffusionated, and inguist on Fort 1 Their Communities was called Tributes of the Ceiters. They were divided into their Tomps, of or each, communided by a Orquin Ceiter. Their Uribute was the forced Perfon in the Kingdom. See Tarress, Conversion, off.

Kingdom. See Tarusus, Carvenso, Str.
"Jintareb fays, Nume have be Gebre: i Hibi be true,
they were four to eliability if, for we find thom under moil
enter the see of the see of the see of the see of the see
englid the Crymins, and who was Tribune of the Gebres.
The Word comes from Gebr, quick, ready 3 and was
expelled the Crymins, and who was Tribune of the Kings
expelled the Crymins, and who was the see of the Kings
expelled the Crymins of the Company of the Company
expelled the Crymins of the Company
expelled the Company of the Company
expelled the Compan

mulas, who sflitted him in the Combat with his Brother Remus, and is faid to have flain that Prince. Some Lrs, the Cleres were the fame with those after wards call'd Troffail, on account of their taking the City Treffailum in Herraria, alone, without the Affithance of any Indianty.

CELERITY, in Mechanicks, is the Velocity of a mov-ing Body; or that Affection of a Body in Motion, whereby

it is enabled to pass over a certain Space, in a certain Time. See Velocity; fee also Morion. Time. See Veroctry; fee also Morross. CELESTINS, an Order of Religious, reform'd from the Zernardinet, in 1224, by Pope Celeffin V. then only Pe-ter de Mourebon, or Morros, of Gérmia in Neslet; and cidabilith'd in 1646, by Pope Of Whos IV. and construir'd by

Gregory X. in 1274

Gregory X. in 1379.

They were instead of the Process, by Philip the Eig.
They were instead of themselved in the Process of th

In the Coline the Food is fometimes digefied, without In the Cellise the 1900 is sometimes digetted, without the Chlyle's being leparated from the Excrements.

The Causes of the Cellise are either the Weakness of the Ferment of the Stomach, the fiber flay the Food rhere makes, the Obstruction of the Lastesis, or the want of

Acrity in the Bile. See Frux. The Word comes from the Greek makin, Venter; whence wanned a Perion fubject to fuch inconveniences. See Conte.

The Word comes from the Grove most, resure; workers.

CELIBATC, to CELIBACC, the State, See Order, who live out of Marriage. See Mananaes.

The Cather of the Congy, which is fill rigerously long. The Cather of the Congy, and is in Birt genously long. The Cather of the Congy, and the Birt genously long. It was first proposed by the Constit of Nore, but without pulling, it was, however, in from emacine admitted by a month of the Cather of the Catherine, the Catherine, the Canada of the Catherine, and the Birt; informatic a normal the Catherine, and the Birt; informatic a normal the Catherine, the Catherine was the Catherine which the Catherine was the Catherine which the Catherine was the Catherine and the Catherine was the Catherine and the Catherine, the Catherine and the Catherine

not be brought into it. St. ferom, and Epiphanius observe, that in their Time none were admitted into the Pricsibood, but those who were unmarry'd, or who abstain'd from their Wives. See Parzer, and Clereve.

Scaliger derives the Word from the Greek zarra, Bed, and seern, lingue, I leave: Others fay, it is form'd from

CELLITES, an Order of Religious, founded by Alexius, a Roman: In Italy they are call'd Alexians; but in Germany and the Low-Countries, where they have Monaf-

Germany and the Low-Countries, where they have Monaf-tetles, Cellies, i.e. People inhabiting in Cellis, CELLS, Cella, Cellisle, are little Houles, Apartments, or Chambers, particularly those wherein the antient Monks, Solitaries, and Hermits livid in Retirement. Soc

Mons, Solitary, Hermit, &c.

The fame Name is full retain'd in divers Monsfleries.

The Dormitory is frequently divided into fo many Cells, or Lodges. See Dormitory.

The Corpbusians have each a feveral House, which serves

em as Gelis. See Carrierian The Hall wherein the Roman Conclave is held, is divid-by Partitions into divers Cells, for the feveral Cardinals

to lodge in. See Concrave. to lodge in. See CONCLAVE.

Some derive the Word from the Hebrew N'13, i.e. a
Prison, or Place where any thing is that up.

CELLE, in Anatomy, see little Bags, or Bladders, where
Fluids or other Matters are lodg'd; sall'd also Locali, Cel-

Flutes of other instructs are song a sub-lable, &c. See Centrule...

The Name is also given by Botsnifts to the Farritions in the Hufsle, or Floods where the Seed lies. Critis, are also the little Divisions, or Apartments in Hoose-Combs, where the Honey, young Becs, &c. are diffirmed: these are always regular Hexagons. See Hive,

HONEY, COME, &C.

CELLULE Adepole, in Anatomy, the Loculi, or little
Cells wherein the Fat of Bodies in good habit is contain'd.

Sec Aners.

See Amers.
These are o-extended with the Skin it felf, except on the Porchead, the Sycidisk Penis, and Servium. In emericate Bolles, these Cults being ammunified of their Fat, appears like a kind of faced, transparent Membrane. See FAC CEMENT, or COMENT, in the general Senis of the Word, I say Composition of a glutinous of the Word, I say Composition of a glutinous of Nature, proper to black, unite, or keep things in CALLED.

Cohefion.

Cohemon.

In this Senic, Mortar, Solder, Glue, &c. are Cements.

See Mortar, Solder, Glue, &c.

The Birumen brought from the Lecture, is faid to have been the Cement used in the Walls of Babylon. See Bi-TUMEN.

The Wend is firm'd of the Latin Canourum, of each, I best. The M. Follows observes, there what the nations from not Construct the Construction of the Latin Canourum, of each, and the Construction of the Con

a Block of Blicks, for the Carving of Scarlis, Capitals, Br.
It is of two Serts: The hot Tenest, which is had common, in made of Renin, Esca-War, Pickskell, and Common, in made of Renin, Esca-War, Pickskell, and the Lead and rubbly done upon nother, with Control between The cold Control is left and it it in made of Cheffaire.

The cold Control is left and it it is made of Cheffaire.

The Collect, Milks, Quick-lines, and Whites of Eggs.

[rewillen, 55: for a Composition of fine Bickdastl, well in the Control of the Control of

Jewellers, Ser. he a Composition of moe Herckeaut, wein field, Rofin, and Bese-Wax, in low among those Artifacers to keep the Metals to be engraven, or wrought on, firm to the Block, Ec. as also to fill up what is to be chieffe?d. Cameavr, in Chymithry, is a Compound, usd for the pa-rilying of Gold; see Goan, and Pensitzarinos. There are two Kinds of this Common, cannon, and Rey-el. The first made of Brickeland, Nitre, and Verdigerafe;

al. The fift made of Brickduft, Nitre, and Verdigreafe; the feeond of Sal Gemma, and Armoniac, each one Part; ray Parts of common Salt, and four of Boie: the whole re-duc'd into a Pathe with Urine. Hence,

dac'd into a Pathe with Urine. Hence, CEMENTATION, or CEMENTATION; a manner of purifying Gold, by means of Cancers. Tis performed thus: This Pietos, or Learnine, are flexi-fy'd in a Cracible with Royal Cancers; the Cracible is co-ver'd up, and encompatify with Fire for 10 or 11 Hours, till being thus calcin'd, the Salas have imbib'd and con-fumily the Imparities of the Gold.

fum'd the Imparities of the Gold.

This Method of Refining, is much inferior to that by means of Antimony; in regard, the Salts fometimes leave other Metals remaining with the Gold; and befides, frequently eat away the Gold it feld. See REFINING.

CENOBITE, or COENOBITE, a Religious who lives CENOBITE, or COENOBITE, a Religious who fires in a Convent, or in Community, under a certain Rule; in opposition to Anchorite, or Hermit, who lives in Soli-tude. See HERMIT, §56. Cassis makes this Difference between a Convent and a

Cappan makes this Directore between a Convent and a Monaflery, that the latter may be apply'd to a fingle Re-ligious, or Reclufe; whereas the Convent implies Cros-lites, or Numbers of Religious living in common. See

hirs, or Numbers of Religious living in common. See COUNTER, and MARAYERAY. Of Models in Fighty, after Ellury peaks of three Kinds or distinct, who expense to the in Commonly and Stretchiers, who expense to the in Commonly and Stretchiers, who have a kind of Marks Errant, that shed per Place to Place. He refers the Institution of Considers to the Trense of the Applies; yard makes it is kind of Institution of the or-ceases because the contraction of the consideration of the Applies; the property of the Consideration of the counter becausing word the Institution of the Consideration, as being the fift who gave a Rale to any Community. The Ward conserves from the Great Austri, community, and

The Word comes from the Greek sunk, communit, and GC SCO A. In Surjectly, now of the prism Magillerus in anticat Rance 5 to Cill'd & english, becards to afficial and valid every Mark Elliars, regiling their Names and valid every Mark Elliars, regiling their Names might know their own firespit. See Cassets.

Others fry, the Genfre word for Light, a being Controlleru, we Correlius of Missates and Yudor, which was the controllerus of Missates and Yudor, which was the Court of Scottery, that the Conful a wore to much taken up with Missates of Way, to be at lelians for looking priving and Gargoriest. Their Andrew's consider over every Perfon; and they had a Right to repredend the highest. As first they were taken one of the Seasts, but have been considered and the word to the construction of the Conful and The Confus who have been dear the Seast to the Seas commond no Onto of Copies. The Custom was, to exect and upon the Death of either, the after was diskneyly from his Office, and two new ones elected. In the Year state, a Law was made, appending one of the Copies or the Copies of the Copies

a Law, refirsions the Confure to a Year and an half;

which was afterwards observ'd very strictly.

The Basinest of the Confers, was to register the Effects, 8% of the Ramass Citizens y to impose Taxes, in proportion to what each Person pessengled. Citero reduces their Functions to, the numbering of the People; the correction and reformation of Manners; the ellimating the Eff. tion and reformation of Manaces, the cilimating the Ef-fecth of each Citizen a the proportioning of Taxos; the Superinstandance of Tellusts the excellence from the Ten-ples, and the Care of the public Places. They had also a Might we exclude from the Seasts, back of the Generor than the Company of the Company of the Contract production of the Company of the Company of the Contract production of the Company of the Company of the Contract production of the Company of

by siding from com the publick Horic. Sec SINATOR,

The Republic of Perior, has at shirt Day a Confer of the

Manners of their Pounie, whole Office this fat Months.

CLISSRAM of \$\tilde{B}_{\tilde{A}}\$ Constance of \$\tilde{B}_{\tilde

Verfes of Virgil: Tendentesaux Manus, Ribe ulterioris amore :

Namita led triffis unue hot unue accepit illet.

At Paris, the Faculty of Tresligy claim the Privilege of Confirs, as granted to them by the Pope; and 'dis co-tin they had been in patietion of it for many Ages: but in the Year 1624, a new Committion of four Declors were created, by Letters Paten, the fole Confirs and Examines created, by Letters laters, the too Grayors and aniwerable for every thing contain'd therein. The Faculty, however, fill maintain their Claim, by taking occasion, now and then, to give their Approba-

CENSURE, Cenfure, is popularly us'd for a Judgment, whereby any Aftion, Book, or other thing is condemn'd a or a Correlion, or Reprimend made by a Superior, or Person in Authority. Hence,

rerion in Authority. Hence, Ecologistical Consums, are the publick Menaces which the Church makes, of the Pains and Penaltics incarr'd by diffobeying what she enjoins; or rather, the Pains and Pu-nishmens themselves; as Interdisting, Euconomunication, Sec. See Interdiction, Suspension, Degrapation, &c. δες See Invariance on Supramium, Dana Autrons, (Editor Till the Time of the Reformation, the King of Expland were thighed to the Conference of the Chemical of Temperature of the Chemical of Temperature of the Chemical of Temperature of Temper the Fage durft and hazard his Excommunication on his own Ambority, but not care to have it confirmed by the Af-family of the Biftings of France; and the fame Frech-ard Confirmed Confirmed Confirmed Confirmed Setter Times the Freede Kings afferred their Rights to hence purpose, § for Fogo Broaded XIII. having confired which, the Patimeson of Fogoria, by an Arrar, arter? the Ball to be some: And Jalin II. having excommunication Louis XIII. but Affamily General as Your confirmed

Louis XII. the Affambly General as Tears configure to Deep's Configure. The Constant diffiguration we kinds of Grighers 4 to Constant, in also Loudons in Gerral Manors in Gerra-ends and Zerous, whereby all the Rections above the Ago of 15, see call for fourar Forlay to the Lord, to pay two Peaces per Foil, and a Feensy per chamma, ever after, as the Constant of the Constant Constant of the Constant of the Constant of the Constant Constant of the Constan

CENSUS, or common risk. SO CASET-ROWNY.

CENSUS, among the Rement, was an authorite De-claration made by the feveral Subjects of the Empire, of their respective Names, and Places of shoot, before proper Magiltaries, in the City of Reme, call'd Cenfors; and in the Provinces Cenfillers, by whom the fame were register'd.

See CENSOR Sec Cisson.

This Declaration was accompany'd with a Citalopse. This Declaration is writing, of all the Bilance, Land, and the Transact, Demeltids, Sirves, Ed. (2014). Transact, Demeltids, Sirves, Ed. (2014). Transact, Demeltids, Sirves, Ed. (2014). The Manager of the Honor, also, Genfir came to fignify a Perfin who had not render'd his Bilance or Lourging, a Perfin who had not render'd his Bilance or Lourging, a Perfin who had not render'd his Bilance or Lourging, as Perfin who had not render'd his Bilance or Lourging, a Perfin who had not render'd his Bilance or Lourging and Performance of the Performance of the Performance of the Performance of the Performance of Perfor

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CEN

People, the under different Names: that of the common People was call'd Conflit, or Listram; that of the Knights Conflit, Recognite; that of the Senators, Leelie, Relectio.

Relative.

In the Vicconian Law, Centin is us'd for a Man, whose Edites, in the Crafter's Books, is valued at recoose Sefterest. CENTAUR, in Aftenomery, a Part, or Moierty of a Southern Confiellation, in form, half Man, half Horfe, usually joined with the Welf. Soo CENTAUNE come town Lupa.

The Word comes from the Greek survey@5; form'd of

Affer, punco, and mood, taurus.

CENTAURUS cum Lupo, Centaur with the Wolf, in Aftro-CONSTRUCTION.

The Stars in the Constellation Centeurus cum Lupe, in Prolony's Catalogue, are 19; in Tycho's 43 in the Britannic Catalogue, they are 13. The Order, Names, Longitudes, Latitudes, Magnitudes, &c. whereof, are as follow.

Stare in the Confiellation CENTAURUS com Lupo.

Names and Situation of	Sig.	Lon	gitu	de.	La	rito:	de.	lè	
the Stars.	12		,	"	٠	,	**	Sin.	
Inform, before the Head	$\stackrel{\triangle}{=}$	25	41	40	2.1	22	13	١s	
	112					33	3	4	
South, in the Head		- 2	41	36	3.1	14	24	4	
		- 3	35	20	10	2	20	4	
Subfeq. and North. in the Head		3	26	53	18	56	15	4	
In hind Shoulder of the Centaur								1	
South of a in anterior Foot of Wolf		10	31	34	12	57	45	15	
Subfeq. and North of the fame		20	39	49	11	18	1	5	
Precof cont. before Neck of Lutus		2.3	10	26	17	- 6	56	1 4	
		23	37	3	17	37	52	6	
10					1.			I.	
Preced. of a in the Wolf & Note		2.0	2.1	24	14	25	38	5	
Contiguous to that								15	
Subfeq. in the Nofe	11	1 18	30	10	13	7	23	1 5	
	Nature and Streetlins of the Sters. Inform, before the Head Preced, in the Head of the Cenature South, in the Head of the Sters, and North, in the Head Subfaça, and North, in the Head In hind Shoulder of the Cenature South, of a la materiar Foot of Wolf Subfaça, and North, of the fame Preco Coont, before Neck of Loyur Preco Coont, before Neck of Loyur	Names and Simestrins of the Artistics of the Six	Names and simutation of the Contraction of the Cont	Names and Sometime of \$\frac{\text{Story}}{\text{text}}\$ \text{Using Story} \text{ \$\frac{\text{Story}}{\text{Story}}\$ \text{ \$\frac{\text{Story}}{S	Names and Simulation of \$1 Longitudes the little state \$1 \text{Longitudes the little state \$1 \text{Longitudes the little state \$2 \text{Longitudes the littl	Names and insensions of the Longinable. Late the late of the Control of the Contr	Name, and Stemstin of Congluste. Listing to the Start.	Names and Simensium of \$\frac{1}{2}\$ th Longitudes. Latitudes the little of \$1.5 As a Bit \$1.5 \text{ As a	Name and Simuthin of the Configure Linking Residue Residue

CENTRE, or CENTER, Centrum, in Geometry, or CENTRE of a Circle, is a Point in the Middle of a Cir-cle, or circular Figure, from which all Lines drawn to the

Circumference are equal. See Cinena Euclid demonstrates, that the Angle at the Centre is double to that of the Circumference; i. e. the Angle made by two Lines drawn from the Extremes of an Arch to the Centre, is double that made by two Lines drawn from these Extremes to a Point in the Circumference. See CIRCUM-

PERENCE, and Angle.
Centre of a Parallelogram, or Polygon, the Point wherein its Diagonals interfect. See Parallelogram,

and POLYGON

and FOLYCON.

CENTRA of Magainude, is a Polest equally remote from the extreme Parts of a Line, Figure, a Doby ye with the extreme Parts of a Line, Figure, a Doby ye with extreme Parts of a Section of the Control of MICIRCLE.

CRITER of a Bastien, is a Point in the middle of the Gorge of the Batton, whence the Capital Line commen-ces; and which is ordinarily at the Angle of the inner Po-

ces 3 and which is ordinarily at the Angle of the inner To-lygon of the Figure. See BARYON, EG. C. BARTHON, E

will be parallel to the Style, and to one another. See Dial.
Centre of a Come Section, is the Point wherein all the
Diameters concur. See Diameters; see also Conic Section. Diameters concur. See DIAMTER; see talso Contro. Section. This Point, in the Ellingft, is within the Figure; and, in the Hyperbolt, without. See CLENTER of sn Ellipft, 8c. CENTER of sn Ellipft, is that Point where the two Diameters, the Transverie and the Conjugate, interfect each other. See Ellipsis.

CENTER OF METHODOLOGY OF A CHIPPED IN A POINT IN THE MIDDLE OF THE PROPERTY OF A CHIPPED IN A SHAPE AND A CHIPPED IN THE METHODOLOGY OF A CHIPPED OF THE METHODOLOGY OF THE METHODOLOGY

Vace An the Dameters concur in the name Point, Sir Place Newton calls it, the general Centre. See Curve. Centre of Gravitation, or Attraction, in Phyticks, is that Point to which a revolving Planet, or Comer, is imcell'd, or attracted by the Force, or Impetus of Gravity,

See Gravitation, and Attraction.
Central of Gravity, in Mechanicks, is a Point within a Body, thro which if a Plane pair, the Segments on each

fide will equi penderate, i. e. neither of them can move the other. See Gravier.

Hence, if the Deleem of the Centre of Graviey be prevented, or if the Body be fulpended by its Centre of Graviey, it will continue at reft. See Morron, and Rest.

The public Gravier of Body Gravity, it will continue at reft. See Morross, and Rasy.
The whole Gravity of a Body may be, conceived united
in its Centre; and therefore, in Demonstrations, 'its dual,
for the Body, to fublitate the Centre.

Throe the Centre of Gravity pattles a right Line, call'd
the Diameter of Gravity: the Interfection, therefore, of

The Plane whereon the Centre of Gravity: the interfection, therefore, of two fuch Diameters, determines the Centre.

The Plane whereon the Centre of Gravity is placd, is call'd the Plane of Gravity: fo that the common Interfection of two fuch Planes, determines the Diameter of

Gravity.

In homogeneal Bodies, which may be divided lengthin homogeneal Bodies, which may be divided lengthwife into fimilar and equal Parts, the Course of Gravity is
the fame with the Course of Magnitude. If, therefore, a
Line, o. g, or a Cylinder be biffelbed, the Point of Section
will be the Centre of Gravity.

Andre, v.g., or a Kymieste opinicuous, use a color of Section
Langua Carest of General of Proc Balleris, in a Peal
Cannane Carest of General of Proc Balleris, in a Peal
Cannane Carest of General of Proc Balleris of the
Cannane Carest of Language of Carest of the
two Dockins, as that, if the Pearl the finglenedic, the two
Dockins was the open of Sections in a common Relative, or in
a Remost Section, where the two Weights equi-products,
is the common Carete of General of the two Weights.

I. Had the Market of the Carest of Resident And AB, the
Diffusion B. Gan and C. A, of the common Carest of General
Carest of Carety of the Section Carest of Carety
Carest of Carety of the Section Carest of Carety
Carest of Carety of the Section Carest of Carety
Carest of Carety of Carety of the Section Carest of Carety
Carety of Carety of Carety of Carety
Carety of Carety of Carety of Carety
Carety of Carety of Carety of Carety
Caret

under BALANCE.

Hence, if the Gravities of the Bodies A and B be equal.

Hence, if the Gravities of the Bodies A and B be cough, the common Gener of Gravity C, will be in the Middle of the right Line AB, Again, time A 1B: 1BC: ACQ Fowers of Gravity C, March A 1B: 1BC: ACQ Fowers of Gravity spellers, are to be eliminated by the Falfam of the Mals, multiplyd into its Dillance from the Cratter of Gravity sy which Falfam is full utility cliff the Afforentiate of the Weights. See Monesters. Further, fine C A 1B: 1BC: ACQ A + BB: A 1BC+ Twitter, fine C A 1B: 1BC: ACQ A + BB: A 1BC+

AC:BC.

Further, fines A. 18 is 16 is A.G. A.+ B is A. 18 is C.+ A.C. B.G.

derate; and the Difference between the two, will be the

decrate 3 and the Difference between the two, will be the Weight wherewish prepondentes. He first, the Affancium of the Weight D and B, the Hence, the Affancium of the Weight D and B, the promoted of the Weight D and B, and the Diffusers from the Point of Sulpention. Hence also the Afonements of a Weight Mejerded in the very Point C, will have no neffect at the Aforemie the Propositorisis where power Busines at the Aforemie the Propositorisis where power Busines at B, E, d., (B, P), are Affanciate calculated it extension Center of Graziny in C. Multiply the Weights c and d into their Diffusers from the Point of Superiodic CF.

into their Diffances from the Point of Sulpension CE and EB; the Sum will be the Abenesium of their Weights, or their Ponderation towards the right: Then multiply the Weights s and b into their Diffances, A C and CD, the Sum will be the Ponderation towards the left; Subracting, therefore, the one from the other, the Remainder will be

the Proponderation required.

5. Any Number of Weights a, b, c, d, being suspended without the common Centre of Gravity in C, and propose

derating towards the right; to determine the Point B, from subcace the Sum of all the Winghts being fulpended, the Pre-dondration (Ball continue the same as in their former

Find the Managemen wherewith the Weights e and d proponderate counted the right is fince the Managemen of the Sam of the Weights to be infigured in P., is so be equal to it, the Managemen P. Weights to Engineed in P., is so be equal to it, the Managemen P. Weights in This, therefore, being divided by the Sam of the Weights in This, therefore, being divided by the Sam of the Weights, they could be the Weights in to be dipended, that the Preponderation may Weights in to be dipended.

Weights is to be full-readed, that the Propondersion may common the time as before, recipies to Proceedings and CD, distinct the Proceedings and CD, distinct the Proceedings and CD, distinct the Proceedings and Proceedings

Middle whereof is the Centre.

After the fame manner may the Centre of Gravity be found in Prifms and Cylinders; it being the middle Point of the field Line that joins the Gentres of Gravity of their

opposite Bases.

7. In regular Polygons, the Centre of Gravity is the fame with the Centre of the circum(crib'd Parallelogram.

 * in regular Pelegons, the Centre of Gravity is the finne with the Centre of the circumically Particularyam.

with the Centre of the circumical Particularyam. * The Centre of Gravity of a Cone, is to its Asia AG, (Fig. 1). If then A $I = a_{r_1} P = a_{r_2} A_{r_3}$, the Weight in the finne Cone is $P_{r_2} A^{*}$ at $z : z^{*}$ and wherehe its R^{*} $P_{r_2} A^{*}$ are $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ are $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ are $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ are $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ are $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ are $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ are $P_{r_3} A^{*}$ and $P_{r_3} A^{*}$ a

Hence, y=b s: s. Draw A E=c perpendicular to B C; then AD: A E=A P: A Q_1 and therefore, AQ=c s: s. and $Q \neq c$ s' s. Whence, the Momentum y s' s' s = cbx' s' s: s', and fy s' ss = cbx' s' s: s', which Som divided by the Area of the Thingle AM N = cbs': s' s' gives the Diffrance of the Centre of Gavity from the Versus

11. The Centre of Gravity in the Arch of a Circle, is different from the Centre of the Arch by a Line, which is a rhird Proportional to the Quadrant and the Radius. In a Sector of a Circle, the Diffance of the Centre of Gravity from the Centre of the Circle, is to the Diffance of the Centre.

of a Crick, the Distance on the states.

Course of the Crick, is to the Distance of the Centre of the Crick, is to the Distance of the Centre of the Crick, is to the Distance of the Crick, and the way we refer to Philipse Reas, Ageing Tom. 1.

To determine the Crick of Crick, and the way we refer to Philipse Reas, Ageing Tom. 1.

To determine the Crick of Crick, and the Crick of the Way we refer to Philipse Reas, Ageing Tom. 1.

To determine the Crick of Crick, and the Crick of Crick, and the Crick of the Crick of Crick, and the Crick of Crick of Crick, and the Crick of Crick of Crick, and the Crick of Cric

Fdge, will be its Gentre of Gravity. Or, it may be done by laying the Body on the Point of a Style, 25c. ill it relt in Equilibra. Twas by this Method, Borelli found the Centre of Gravity in an human Body, to be be twoen the Nates and Public to that the whole Gravity in an human Body, to be between the Nates and Public to that the whole Gravity of the Body is there collected, where Nature has plac'd the Gravitals: An Indiance of the Wildom of the Course the Gentals: An Inflance of the Wildom of the Creator, in placing the Membrum Virils in that Place, which of all others is the most convenient for the Affair of Completion. there is the most convenient for the Affair of Copulation. 13. Every Figure, whether specifical or folid, generated by the Motion of a Line, or Figure, is capual to the Fe-times of the generating Magnitude, multiply'd into the Way of its Centre of Gravity, or the Line its Centre of Gravity deferibes. See the Demonstration hereof, under

the Article Canana Range Merhad

CATANTY describes. See the Demonstration hercoit, under The preceding seignan Honoura, is hold'd an as one of the mobilet Genomentual Disforcties made in the last Age; and in the localization of the Methodia Care-base Age; and in the localization of the Methodia Care-base Age; and the localization of the Methodia Care-base Age; and the Localization of the Methodia Care-base Age; and the Localization of the Localization of the Methodia Care-base Age; and the Localization of the Methodia Care-base Age; and the Localization of the Methodia Care-base Age (Care-base) and the Localization of the Methodia Care-base Age (Care-base) and the Localization of the Methodia Care-base Age (Care-base) and the Localization of the Methodia Care-base Age (Care-base) and the Localization of the Methodia Care-base Age (Care-base) and the Localization of the Methodia Care-base Age (Care-base) and the Localization of the Methodia Care-base Age (Care-base) and the Localization of the Methodia Care-base Age (Care-base) and the Localization of the Localiza

time. See Morroxi.

Tis demodificated in Mechanicks, that the Diffance
IN, of the Centre of Gravity of any particular Weight,
from the common Centre of Gravity, or the Centre of
Motion N, Is perpendicular to the Line of Direction I &
CENTRA of Oplithaten, a Point wherein, if the whole
Gravity of a compound Pendulum be collected, the feweral
Offiliptions will be performed in the filme Clines as before: See OSCILLATION.

Hence, its Dillance from the Point of Suspension, is equal to the Length of a simple Pendulum, whose Oscillations are Isochronal with those of the compound one. See PEN-

Detund. Lean of the Carrax of Oblitation.

I. H. Bernet Wingles Die Hib, Tick, diebendrich Wig
12. John Michael Leifer and Michael Leifer and Leifer and

a. It determine the Cause of Ofiliation in a right Line AB, (Fig. 2). Let AB = a, A D = a, then will the insistely small Farticle D F = δa , the AB linearing of its Weight ask $a \bar{a} z$, confoquently the Dilatance of the Garter of Ofiliation and AB linearing the Dilatance of the Garter of Ofiliation in AB linearing the Cause of Ofiliation in the right Line AB = y a. In this smanner is found the Garter of Ofiliation of a Wire, of Ofiliating about one of Garter of Ofiliating about one of

the Triangle

the Triangle.

For the Centre of Oficillation in an Equiernral Triangle, fulfended by an infinite Thread, void of Gravity, and offillating about its Axis parallel to its Bafe its Diffiance from the Vertex, is found = if the Altitude of the Triangle

For the Centres of Oftillation of Parabolas, and Curves of the like kind, oscillating about their Axis, parallel to

of the nue kind, obcusting about their case, pro-their Bakes, they are fund as follows. In the Applibulus Parabola, the Diffance of the Centre from the Axis, = \$0 fits Disancer. In a Cubical Paraboloid, the Distance of the Centre of Computer of the Centre of the Cent

Ofcillation from the Axis, = 1- of the Diameter.

In a Bigmadratic Paraboloid, the Diffuse of the Centre from the Axis, = 1, of the Diameter.

CEN

1 fold and plane Figures agine ell sexually, i.e. about in all Medions of Traclice made in the fame manner, this the Asis of Okilishino, percedicional or the Plane of the Figure, the Investigation of the Court of Okilishina is Pagers, the Investigation of the Court of Okilishina is Pagers, the Investigation of the Court of Okilishina is Pagers in International International

Olditation.

2. The Control of Perception is the James with the Control of Greuty, if all the Parts of the percentent Body be carried with partial claims, on with the fame Coldery, is for his with partial claims, on with the fame Coldery, in the Wherton, to multiply capt-ponderating Bodies by the fame Volcety, in the fame thing as to take equivalently the capt of the College of

CENTRE of Convertions, in Mechanicks, a Term first suid by M. Perent. Its Signification is thus conceived: If a Stick be laid on a flagoant Water, and drawn by a Thread fallend to it, for that the Thread always makes the fame Angle with the Stick; always, e.g., a right Angle; the Stick will be found to curn on one of its Points, which will be immoveable; which Point is term'd the Centre of Cen

be innovemble i which floirs is term'd the Cuttur of Cac-corplan. For the generate cafe, the Thread may be con-coved sifted to use End of the Stick.

of the Thick and the Cutture of th the Threed is feltow), touch as impacts a generar Velocity on the Barn seeks the extent Extensity or, which is the one between the tenth of the extensive Velocity to the mount the Ketillance of the Paul present Velocity to the mount the Ketillance of the Paul present the Paul to the Common three that electral Mendon amount the Paul to general the Paul to general the Common three that the Paul to general the Stellance of the Paul to general the Stellance of the Paul to general the Stellance of t

adjuliars has hald down the Rules to be obfer? In composing Center. The Pieces, he fays, may be taken either from the finne Pect, or from feveral; and the Verfer may be either when eating, or divided how to see you had for either when eating, or divided how to see you had for Verfer be rever to be and naming, nor much left shan half a Verfer be related. Agreeable to their Rules, he has made a pleasing Cente from Piece French and Piece French an

other, to guard themselves from the Strokesot their Enemies.
Others is, that Centos were properly we'l for the patches of Leather, &c. wherewith their Galleries or Skreens, called Vinnes, were cover'd; under which the Befiegers made their Approaches towards any Place.

Hence Centonstii, the Persons whose Business was to

pare thefe Center.

prepare their Centes.

CENTRAL, founching relating to a Centre ; fee Cantar.

Thus, we fay, Central Eclipfe, Central Fire, Central

Forces, Central Rule, &c. See CENTRAL Force, Cantal

RAL Rule, &c. See alfo Fran, Eclipfe, Central

Central Force, the Vires, or Fowers whereby a moving

Body either tends towards the Centre of Motion, or recedes from it. See CENTRE of Motion; yet also Faces, and Vis. Central Faces are divided into two Kinds, with regard to their different Relations to the Centre, vis. Central Faces.

and Centrifuzal.

to lact contents on the Center, one. Centrificat, CENTRIFICAT, Fore; is that whereby a Body receiving round a Centre, endeavours to recede from it. That all Monitor in of it fell refullible. It sees of Network has the moving Body never recedes from its fast right. Line, till form near lamped to be imperated in a different Directions of the Line as lated. See Conserours Maint. To move in a Cere, it must receive a new Impairs, and that in a different best of the Center of the Line as lated. See Conserours Maint. To move in a Cere, it must receive a new Impairs, and that in a different best of the Center of the Line. The control of the Center of the Cente it describes the Aren A.E., it would recede the length we the Line DE, perpendicular to AD, by its Centrylogis Force. The Centrylogis Force, therefore, is as the right Line DE, perpendicular to AD; supposing the Arch AE infinitely small. See INFINITE.

The Effect of the Cestrifiged Ferre in Such, that a Bo. Rate of the Dismerces pin the Creater Herce are in a Dody, obligid on desirable a Content, desirables the Integral it plicess Ratio of the Dismerces pin the Center of the Ferre and the Content of the Performance of the Content of the Performance of the Content of t

then when a large one

then which a large one.
"Its the fame in other Curves as in Circles 3 for a Curve,
whatever it be, may be eitherm! do scompaid of an infinity of Arches of infinitely firm! In Circles, all defeathed on
different Radii 5 to that 'its thofe Places where the Curve
has the general Curviy, that the little Arches are most
direlar: Thus, in the fame Curve, the Cuttryfiggel Force
of the Body that defeathes it, varies according to the feveof the Body that defeathes it, varies according to the feve-

of the Body that deferibes it, varies according to the feveral Points wherein it is found.
CENTRIPETAL Force, is that Power whereby a mercelible Body, impeld in the right Line AG, (Fig. 24.) is drawn out of its reclitinear Motion, to proceed in a Curre: The Contripted Force, therefore, is as the right Line DB to AB; impeding the Arch AE infinitely finall. Hence, the Courtpetal Force are

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cqui.

Entit of Charta J. Force chief du the Carta in Carta in Charta in Carta in Ca

fame in equal Times

3. The Current Errer of a Body moving in the Periphery of a Circle, is as de Square of the infinitely fmall
Arch AE, divided by the Diameter AB. Since then a
Body, by an equable Motion in equal Times, deferribe
equal Arches AE, the General Force wherewith the Bedy is impelfed in the Periphery of the Circle, is confinned. the fame

4. If two Bodies describe different Peripheries by an 4. If two Boards dearing directors are in a Ratio, compounded of the duplicate Ratio of their Celerities, and the reciprocal one of toeir Diameters. Hence, if the Cethe redynocal one of noir Diameters. Hence, if the Ce-letities be qual, the Cattral Poeces will be recipiently as their Diameters; and if the Diameters AB and H L be equal, i.e. if each Moveable proced in the fame Peri-phery, but with unequal Celetties, the Cattral Forces will be in a duplicare Ratio of the Velection. If the Cattral Forces of the two Bolics moving in diffe-

rent Peripheries be equal, the Diameters of the Circle A B, and H L, will be in a duplicate Rauo of the Celerities.

5. If two Bodies, moving in unequal Peripheries, be 5, If two Boller, moving in unequal Peripheties, be selded on by the finne Central Force, the Time in the larger is to their in the finalier, in a fishippletier Rario of the greeter Dismerer AB, to the left H L; wherefore, T : whose Periphetics these Boller are abbid on by the finne Central Force, are in a duplicate Ratio of the Times. Hence also the Times wherein like Periphetics or Anches or non over by Policat impedial by the finne Central Force, are non over by Policat impedial by the finne Central Force,

are run over by Bolies impelled by the fame Central Force, are in resporting to their Velocities.

The Central Forces are in a Ratio, compounded of the direct Ratio of the Diameters, and the reciprocal one of the Squares of the Times, by the entire Perspherics.

6. If the Times wherein the Bodies are curryd thro the Lame entire Feri heries, or fimiliar Arches, be as the Diameters of the Circles, the Gentral Forces are recipro-

the first center Fett Secrets, or timize access, be as use classically as the "secret Secret Secret Secret Secret 19, as the "secret Secret Secret Secret Secret Secret 1, 11, 2 Both more uniformly in the Periphery of a Car-dio," with the "Newtyn is explaces by Calling the Height and the Alixan Secret Secret Secret Secret Secret the Arizotte A.I., to the Rediss C.A. If therefore the Center of the Poly be call'd, the Carrylage How will be called the Vickety which is exprise by Billing (Fett, and with the Vickety which is exprise by Billing (Fett, and with the Vickety which is exprise by Billing (Fett, and with the Vickety which is exprise by Billing (Fett, and with the Vickety which is exprise by Billing (Fett, and With the William Secret Secret Secret Secret Secret Secret Fett, and the Secret Secret Secret Secret Secret Secret (Fett, Secret Sec

Radius.

ro. If two Bodies move in unequal Peripheries, and with an unequal Velocity, which is reciprocally in a fubdaplicate

plicate Ratio of the Diffances from the Centre of the For-ces, saken reciprocally, 11. If two Bodies move in unequal Peripheries, with Celerities that are reciprocally as the Diameters; their Central Forces will be reciprocally as the Cubes of their Diffances from the Centre of the Forces.

Control sports som de recepteally at the Control state of their Last file Velocities of two Bolett moving in unequal Peripherics, he recipressly in a finduplicities. Ratio of the property of the Control state of the Control State of the property of the Control State of the Control State of the Property of the Control State of the Control State of the Property of the Control State of the Control State of the Wheeling, it the Control State is never property of the Wheeling of the Control State of the Control State of wheeling the Control State of the Control State of wheeling the Control State of the Control State of wheeling the Control State of the Control State of wheeling the Control State of Control State of the Control State of the Control State of Control State of the Control State of

There, as manifest ownston the Yout C by a Centrycas L. If I a Bob proceed accessing no be Direction of the spital Line A D_i and be foliated by a Centriptiant Force removals and Policy Oped in the time Plane; it shows the Policy Oped in the Image is whether the Policy of the Policy Oped I and Control of the Control Factor differ from one substantial that the Policy of the Control Factor differ from one substantial Control of the Policy Oped I and Control of the Ratio of the Quantities of Materia in the exceiving Bodies, and the Ratio of the Different Control of Materia in the exceiving Bodies, and the Ratio of the Different Control of Materia in the exceiving Bodies, and the Ratio of the Different Control of Materia in the exceiving Bodies, and the Ratio of the Different Control of Materia in the exceiving Bodies and Control of the Ratio of the Different Control of Materia in the exceiving Bodies and Control of the Ratio of the Different Control of Materia in the exceiving Bodies and Control of the Ratio of the Different Control of Materia in the Control of Materia in t

references.

16. When the Quantities of Matter are equal, the Dif-tances themfeives must be divided by the Squares of the periodical Times, to determine the Proportion of the Cenperioducal Times, so determine the Proportion of the Gen-tral Forces: in that Cale, if the Squares of the periodi-ent Times are to one snother, as the Cubes of the Diffan-ces, the Quorients of the Divisons, as well as the Central Forces, win be in an invertic Ratio of the Squares of the

Dithances,

17. When the Force by which a Body is carry'd rowards
a Point is not every where the faire, but is either increased
or duminifful, in proportion to the Diffunce from the Centre; feveral Curves will thence artie in a certain proportion. If the Force describe, in an inverte Ratio of the
Synarcs of the Diffunces from that Point, the Body will Squares of the Dittances from that rount, the Bedy will deferibe an Ellipsis; which is an oval Curve, in which there me two Points call'd the Poit, and the Point towards which the Force is directed falls into one of them: So which the Force is directed fills from one of them; So that in extra (Revolution, the Body over approaches no, and once recolos from it. The Circle also belongs to that fore of Courts, and I in that Clark the Body may also for the Courts. The Body may also (by Supposing a gener-ter of the Court of the Body over the Court of the Court on the Court of the Point to with Body will also plant of the Court of the Point to with Body will also the Court of the Co Ellipfe; and the Body, in each Revolution, will t approach to, and again twice recode from that Point. aprotech to, and again twice recode from that Point. In this Cafe silo, a Body may move in a Circle, for the Res-fon abovemention'd. Sec Orners, Planker, and Propriette. Central Religious Religious Religious Commission, and Religious R

to cut the random in as many rounts, as an Equation to be constructed hath real Roots.

Its principal Use is in the Construction of Equations; and he has apply'd it with good Success as fir as Biquadras. See Construction, and Equation.
The Rules are these,

 $\frac{L}{a} + \frac{q}{a} = b = CD.$

 $2 + \frac{p}{4} + \frac{ppp}{6 \text{ L.L}} + \frac{pq}{4 \text{ L.L}} + \frac{r}{2 \text{ L.L}} = d = D \text{ E.}$ Or by Contraction, because L=1, as is supposed, to roid Fractions

1. ++ + + + + = b = CD.

. 2. \$\delta p + \delta pp p \delta 1 pq \delta 1 r= d=ED.

CENTRO-Baryo Metbod of Guldinus, In Mechanicks, a Method of measuring, or determining the Quantity

B b b

(182)

 $C \times P$

of a Surface, or a Solid, by means of its Centre of Gravity.
The Dectrine is compris'd in the following Theorem, th its Corollaries

Every Figure, whether Juperficial or folid, generated by the Motion of a Line or a Figure, is equal to the Ya-tum of the generating Magnitude and the way of its Cen-tre of Growny, or the Line which its Centre of Gravity

rre of Greensy, or the Lime which its Centre of Greensy deferibles. See Caurie of Graviery.

Demonth: For impose the Weight of the whole generating Magnished collected in the Centre of Gravity; the whole Weight mode? by its Motion, will be equal to the Fathum, of the Weight mor'd, into the Centre of Gravity. But when Lines and Figures are confidered like here.

with. But when Libes and Figures are confided to like bemagnetous berry Model, when Weights are as her Bolkst,
and therefore, the Weight movid is the generating Magnimates, and the Weight modeled, that generated. The
surface of the surface of the surface of the surface
Magnitude, into the Way of its Canno of Grewity, S. E. D.
Certel. I. Since a Parallelogeran A RO O. Tells. More
Contactuding to the Direction of another AC, with a
of Gravity S. is equal to the right Line A B, proceductor CO D, it atta, to the Adrived of the Parallelogeran
In Area is equal to the Fidel man of the But CD, or the
describest Line in the Adrived Br. See Zanamaron

to the Control of the Adrived Br. See Zanamaron

to the Control of the Adrived Br. See Zanamaron

deferben Line into the Altitude B.F. Sor Paratarsocolonical II. In the from manner is speer, that the Salidity of all Rolles, which proceed according to the Direction of any right. Line A.C., in had by multiplying the deferring firms by the Altitude, Sor France, and Crawarsa.

(Fig. 2), revolve-sound a Centre Carda to Gene a Gentrally
of the Radias C.L., be in the Middle F. in the Way of the
Centre of Genvity als repiratory of a Carde a, deferbly
of the Radias C.L., be in the Radius C.L., into the Periphry deferild by the foldegie Radie C.P., see Concer.

Cord. IV. II is a Rectangle AB C.D. (Tab. Microsmoth,
of Cord. Sort of Cort.)

Cord. IV. II is a Rectangle AB C.D. (Tab. Alticolourist,
of Cord. Sort of Cort.)

Cord. IV. II is a Rectangle AB C.D. (Tab. Microsmoth,
of Cort. Sort of Cort.)

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of Cort.)

Cord. IV. II is a Rectangle AB C.D. (Tab. Microsmoth,
o ABCD, into the Periphe Radius EG, which is ful diameter of the Cylinder.

diameter of the Cylinder. Suppose of the Cylinder is Suppose, $\alpha_{\rm c}$, the Altitude of the deferibing Plane, and therefore of the Cylinder B $\Omega_{\rm c} = a_{\rm c}$ the Semidiameter of the Birl D $\Omega_{\rm c} = \gamma_{\rm c}$ than will E $\Omega_{\rm c} = \gamma_{\rm c} = \gamma_{\rm c}$ And inputed the Birl D $\Omega_{\rm c} = \gamma_{\rm c} = \gamma_{\rm$ CYLINDER.

CYLINDER. In like manner, fince the Centre of Gravity of the right Line AB, (Tab. Mechanick; Fig. 17.) is in the middle M, and the Sarface of a Cone is defined, if the Triangle ABC evolve about in Axis; if P M = $\frac{1}{2}$ the Triangle ABC evolve about in Axis; if P M = $\frac{1}{2}$ the middle M, and the Serface of the Cone will be equal to the Factorian P M, a result of the Gradient P M, a resul Bafe BC.

Biold B.C. ? A Bernary the Ratio of the Radius to the Periphery 1: 124 them will P M = 1/r, and the Periphery desirably by the Radius and pairs. Therefore, and the Periphery desirably by the Radius and pairs. Therefore, and the Periphery desirably by the Radius and pairs. Therefore, and the Periphery desirable pairs of the Periphery into that the Side, See Coars. 19 the Periphery is not half the Side, See Coars. 19 review about an Asia js the destrict in Coars by the Tell Periphery into that the Side, See Coars. 19 review about an Asia js the destrict a Coars by the Tell Periphery of the Perip

Suppose $v_B \subset B = r$, A B = a; the Ratio of the Radius to the Perlphery = 1 : m. Then will $O P = \frac{1}{r}r$ the Perlphery deteribed by this Radius $\frac{1}{r}mr$; the Triangle $A \subset B$

= $\frac{1}{2}r$; and therefore, the Solidity of the Cone $\frac{1}{2}mr_{+}^{2}Ar$; = $\frac{1}{6}smr^{*}$. But $\frac{1}{6}smr^{*} = \frac{1}{6}r$, $mr_{-}^{*}s$. Or, the Factum of the Base of the Cone into the third Part of the Al-

titude, See TRIANGLE.

titude. See Transcer.
This eights Theorem, which may be rank'd image
This eights Theorem, which may be rank'd image
to the seed of the seed of the seed of the seed of the
ten seed of four in Conservery of the lift days, was aslant seed of four in the seed of the seed of the
ten seed of four in the seed of the seed of the
ten was the first whe let it is in self alpha, and exhibite
its Ufe in a variety of Earlpain. Seeveral other Geomeeres, after Gathlant and Papipus, also off it is moderate
to all its and all the seed of the seed of the
Asia, effectably before the liter Investion of the Carlotte
Symmostypie: and it may till take place in four Calcular
Symmostypie: and it may till take place in four Calcular
Symmostypie: and it may till take place in four Calcular
Where the Immunetery Calculus would be more difficult.
M. Lerburys hos otherwish and have been seen to the seed of th the Axis or Centre be continually chang'd during the generative Morion

CENTRUM, in Geometry, Mechanicks, &c. CENTRE.

CENTRUM Phonicum, in Acoustics, is the Place where the Speaker stands in the Polyfyllabical and articulate Echoes. See Ecno.

Edoch, See Econ.

CONSTRUCT Phonocomprisms, is the Place, or Object that creame the Voice in an Echo. See Econ.

CONSTRUCT Phonocomprisms, is the Place, or Object that creame the Voice in an Echo. See Econ.

Econ. See Econ.

This Corner is performed owneds the right Side, for the Professor Corner is performed owneds the right Side, for the Price Corner, is worked the left bedween 1 in Belley Hard Corner, is worked the left bedween 1 in Belley Hard Corner is worked the left bedween 1 in Belley Hard Corner is worked to the Control of the Cont

CENTUMVIRI, among the Romans, a Court composed of 100 Magistrates, or Judges, appointed to decide Differences between the People, See December, Quinde-

CENTURION, Centurio, among the Romans, an Officer in the Infantry, who commanded a Century, or as hundred Men. See Century. The Centurion of the first Cohort of each Legion, was

The Commission of the first Cohort of each Legion, was call'd Primipilus: be was not ender the Command of any Tribune, as all the reft were 3 and had four Centuries to reder his Direction. He gearded the Standard, and the Eagle of the Legion. See Paintrietus.

CENTURY, a thing divided, or rang'd into an hunder Petr.

dred Parts.

At the Time when the Roman People were affembled for creating of Magifitares, eftablishing of Laws, or deliberating of public Affairs, they were divided into Centuries; and to the end their Suffrages might be more easily collected, they word by Centuries; This was done in the Century Martins; and their Affamblics were hence easily Comitia Centuriata.

The Roman Cohorts were distributed into D: eus, commanded by Decurions; and Centuries, by Centurions. Each Cohort confisted of fix Centuries, and a Legion of fixty. Sec Conony.

EXECUTION, in Chronology, is the Space of 100 Years. Church Hiftery is computed chiefly by Centuries, commencing from our Savior's incarnation; In this Seefe, we fay, The first Century; the Fathers of the Second Century, in Control of the third Century, & Sec Country, Father Councils of the third Century, & Sec Country, Father Councils of the third Century, & Sec Country, Father Councils or the third Century, & Sec Country, Father Councils or the third Century, & Sec Country, Father Councils or the Councils of the third Century, & Sec Country, Father Councils or the Councils of the third Century, & Sec Country, Father Councils or the Councils of THERS, &c.

THERE, US.
CENTURIES of Madgeburg, a celebrated Ecclefishical
History, divided into thirteen Centuries, containing thirteen handred Years, ending at 1258; compil'd by leveral
learned Protestate of Magdeburg. The chief of the Carsurvistors, was Matthias Flacius Illyricus. The fail Barnius undertook his Annals, parely to oppose the Madgeburg Centuriators

bong Centurianer.

CENTURY, or CENTURINE the leffer, in Medicioe, in Herb, chiefly noted for a formatchic, and refloring design of the control of the contro

Wines, &c. Wines, &c.

A fitning Decoction hereof is faid to be of fervice, drank for fome time, in Obfiruditions of the Menfes, and also to defitny Worms; a Property attributed to most Bitters. It is often preferred externally in difficultient Fomentations. The Tops, or Flowers, are only us'd.

The greater Country is never preferib'd.
CEPHALIC, in Medicioe, is apply'd to any thing belonging to the Head, or in Parts. See HEAD. The Word
is form'd of the Greek ENDLY, Coput.

CEPHA-

Capitalica, or Capitalic Medicines, are fuch as are proper for Diforders of the Head: Thele are generally of a volatile, spirituous, or aromatic Nature, or at least join! with fuch; and are fupuod to be of fervice, by the Volatility of their Particles, infuncating into the Nerves, and mixing with the Animal Spirits directly, as well as by the Circulation

common Circulation.

Thus, Spirit of Lavender is Suppos'd directly to act upon the Nerres of the Palane, Ofc. upon which account, its
frequents when dropp'd on Sugar, or Bread: and Sal Vofrequents when dropp'd on Sugar, or Bread: and Sal VoHard. by the valuation Particles centring the Olifactor
Hard. by its valuation Particles centring the Olifactor
Norres. As to Anomatic Caphalities, and the Species Officerbeat, Pouler of Deguette, Normeg, Sr. they act chiefly the
transmitted Favra swarming the neurous System, and intheir accountic Particles recovered by the Sal Caphality

Their accountic Particles of Caphality

Their accountic creafing their Vibrations, by which the nervous Fluid circus

lates more freely.

CRPHALIE Vein, in Anatomy, is a Vein of the Arm between the Skin and the Mafeles, divided into two Betaches, External and Internal. The External speed down to the Wriff, where I joins the Baffler, and runs up to the Back of the Hand: The Internal Branch, together with Wrift, where it joins the Mallites, and turns up to the Back of the Hald: The Laurend Branch, together with a Spring of the Mallites, makes the Mallites. See Villa. "I's thus called, in regard the Antients wid to open it in Diffecters of the Head. CEPHALDPHARINGEL, in Anacomy, two Mallites of the Orifice of the Orifice of the Orifice of the Orifice.

PHARMAN.

They have their Orifice in the Articulation of the Head with the first Vertebra; and are inserted into the upper Part of the Pharman, serving to draw it answards and

backsentis.

CEPHALALGIA, in Medicine, is underflood, in the general, of any Head-seb; but properly fignifics, only a firsh one: When it becomes inveterate, 'bs call'd Cephalas; and, when it only posifies half the Head, Megrius.

CEPHEUS, in Attronomy, a Confletilation of the Norand

them Hemisphere. See Construction. them Hemiliphere. See Construction.

The Sters in the Conficilation Cephens, in Prolessy's
Catalogue are 13; in Tycho's 11; in the Britannic Catalogue 3;. The Order, Names, Longitudes, Latitudes,
Magaitudes, &c. whercof, are as follows.

Start in the Confiellation Capusus

Most I to the Congre	11011	011	C	EHR	08.			
Names and Situation of the Start.	Sign	Lo	ingi	zde.	l I	zát	sie.	Je N
		۰		$r_{\rm E}$			æ	12
In the preced, Foot	8	18	10	35	75	27	45	4 5
In the preced, Aven	r	0	29	5	72	56	67	4 5
In the bend of the preced. Arm		0	14	30	71		45	ľ4′
		14	58	25	74	5	10	6
In the preced, Shoulder		8	31	3	68	56	8	3
		14	18	55	69	59	1<	6
		10	30	19	70	3	57	6
In the Girdle, agft, the preced, Side	×	1	18	35	71	8	15	3
	r	IO	44	11	66	47		6
		10	5	8	65	19	2	5
10								
	8	4	14	37	70	15	33	5
	r			24			17	
	8	7	16	41			40	
That preced, of the Tiars	Υ			6			14	
		7	41	48	61	52	51	6
15			_					1
In Cephens's Neck				16	61	54	11	7
In the Breaft		10						5 6
IR BIG DICKIE	Y			16	65	45	41	5
				22			47	
10		16	29	2	64	36	41	6
Middle of a in the Tiara				- 1				
North, and fmall- of the fame			40	7 33	91	,2	27	4.5
South, in the Tuess		-:	41	33	61	54	25	
country in one some			40	5	52	50	31	1.5
	R	18	40	54			19	
24	Y.	10	50	- 1	*5	14	27	7
-,		2.4		18	6.		16	
That following the Time		12						4 5
-		16					48	
Between the Feet, double	0	36	34	21				5 6
	20	11	64	40			IO!	
30				.				
	×	13	24	51	66	59	34	6
Preced in the following Arm	v.	18	58	46	61	35	40	4
In the following Leg	8	19	16	3	69	31	44	5
Latter in the hind Arm				36	6 I	2.5	20	5
In the bird Foot	8	25 .	48	15	64	36	47	3
35				- 1			- 1	

CEPI Corpus, in Law, a Return made by the Sheriff, upon a Copius, or other Process to the like purpose 5 figur-fying, that he lash saken the Body of the Party. CERATE, in Medicine, a kind of Unguent, or Lini-mens, made of Oil and Wax; m'd in several Diseases,

of joint the skin. It takes its Name from its capital lagredient, Wax, calld in Latin Core.

In Conflicter is thicker than that of a Liniment; the lift having stealily two Ounces of Wax to two of Oli; but the first four of Wax to two of Oli; co LINIMANY; yet its thinner than a Pailer. See EMPLANY 1996.

yet its thinner than a Pistier. See EMFLASTER.

There are Cerates of various kinds, Refrigerative, Stomachie, &c. Cerate of Sulphur, of Santal, relltingent Cerate of Bricks, Dreine Cerate, &c. There is a particular one, call'd the refrigeration Cereste of Galen, made of white Wax and Oil of Rofes One

CERATION, in Chymiftry, the Preparation of any Matter, to render it fit and difpor'd to liquify, or melt, which of it felf it was not.

This is frequently done, to enable things to penetrate into Metals, or other folid Bodies. The Word comes from Cers. Way.

from Cers, Wax. CERATOGLOSSUM, in Anatomy, a Pair of Mufcles of the Tongue, thus deficield by Mt. Comper: "The Ce-"rategloffiam has a broad fielity Origination, at the superatespliftum has a broad fielity Origination, at the tupe-rior Part of the Or Hypotics, laterally; whence it afcends to its Infection at the Root of the Tongue. This, with its Partner, acting, draw the Tongue into the Mouth di-rectly: It only one of them act, it moves the Tongue on one fide.

The Word is deriv'd from the Greek steps Corns, and

Asse, Lingue; its Form bearing fome refemblance to a

CERCELFE', in Heraldry. A Croß Coroclei, is a Croß which, opening at the Ends, turns round both ways, like See Cana

Ram's Horns. See Cross. CERDONIANS, agrient Hereticks, who maintain'd most of the Errors of Simon Marns, Saturnil, and other Gnof-See GNOSTICS

tics. See GN657128.

They took their Name from their Lender Cerdon, a Syrian, who came to Rome in the Time of Pope Hyginus; and there abjur'd his Beroes: but in appearance only; for ce only; for em, and ac-

and there about this teroes: but in appearance only; for he was afterwards convicted of perfitting in them, and ac-cordingly cell out of the Church again.

Cerdon afferted two Principles, the one Good, and Carsion afferted two Principles, the one Good, and the other Evil: This last, according to him, was Creator of the World, and the God that appear'd under the old Law. The first, whome he called sucknower, was the Fa-ther of Jefas Chritis who, he taught, was only Incarnas in appearance, and was not horn of a Virgin; and did hu fuffic Death but in appearance. He dury if the Refurre-tion, and rejected all the Books of the Old Telaiment, as

tion, and rejected all the Books of the Old Teliamont, as coming from an evil Principle. Marcine, his Difchele, Inceeded him in his Errors. See Marciostypes. CEREALIA, in Antiquity, Fedits of Ceres, indituted by Triposlemmy, of Elengii a Strice, Son of Celens King of that Place, in gratitude for his having been instructed. by Geres, who was fuppos'd to have been his Nurfe, in the Art of cultivating Corn, and making Bread: fo that the Cereatia took their Rile from Greece.

Ceredias took their Rife from Greece.

There were two Feats of this Kind at Athens; the one call'd Eleginia, the other Thefwoophoris. See Eleu-shift, and Thesmormoria.

What both agreed in, and was common to all the Green

What both sgreed in, and was common to all inc un-realis, was, that they were celebrated with a world of Refigion and Purity; so that it was efficient a great Pollu-tion to modelie, on these Days, in conjugal Matters. "Twas not Ceres alono that was homourd here, but also

Twas not Certs alone that was honered here, bet also Bacchen. The Vidims offerd were Hogs, by raifso of the walk they make in the Products of the Earth: where there was any Winc offerd, on not, is Matter of much debute among the Chricks. Pleasus and Macrobius from countenance to negative field; Cerc and Macrobius from countenance to negative field; Cerc and Friggt the politive. Macrobius from Maijum, forcet Wine: and that the Sterio Cerc; be affailum, forcet Wine: and that the Sterio faces made the atil of September to that Goddels and Her-cukes, was a Sow full of Cakes and fweet Wine; and that this is what Virgil means by Miti Baccho, Vid. Salma-

this is what Figgal means by Mati Bacelo, Vid. Schine-finst, Lemins, See.

The Cervalie paid if one the Greeks to the Remere, who held on facetaph buy functionity, commencing on the rath of April. It was the Women alone who were concerned in the Celebration, all directly in white; when make the white the Manilland of the World of the See and the See a

There were also exhibited Combine on Heefshelf; I the thefe were afterword charged into Combine to Circliforns, which was locked on as an III Omen for the Republic. The People beames fishers in this Pecific, by the Langle for, Fern, Wan, Cie. distributed among them. The Articles walmaring pecifical over the Cornels, you function to the Combine of the Williams, and beneditors the Mother of the High were by a Contract/Confidence are for the Confidence with the Combine of the Cornels and begin on the Day whereon the Latit Correspic codes.

After the Battle of Canne, the Defolation was fo great t Rome, that there were no Women to celebrate Feath, by reafon they were all in mourning; so that it was

omitted that Year

omitted that Year.

In the Cerealist they exhibited the Grief of Ceres for the Lofs of her Daughter Proferpine; hearing the Statues of the Gods in Proceffion. "Tis faid, they likewife carry'd an Egg in pomp; apparently, fay fome, as being tues of the Gods in Proceffion. "Its faid, they likewife carry'd an Egg in pomp; a paperarty, fay force, as being the Figure of the World, which, like the Egg, contains a viral Power, which it communicates to Seeds: the other will have it close as a Reprefentation of the Egg whereof

Cafter and Politice were born.

CEREBRUM, in Anatomy, the Brain, properly focall'd; in contra-diffinction from the Cerebellum. See

CEREBELLUM, or CEREBEL, in Anatomy, the hind Part of the Brain. See Brain.

The Corebellum is effected a kind of little Brain by it

The Cerebedium is effective of a kind of little Bream by it felf, as the Word it felf imposts. It is placed in the hinder and lower Part of the Skull, underneath the hind Part of the Brain, or Cerebrums: It lies open to the Cerebrums at bottom; but at top is feparated from it by a Duplicature of the Dura Mater. Its Figure formewhat refembles a Cart Bond head. flat Bowl, broader than long.

flat Bowl, broader than long.

Its Subfigure is harder and more folid than that of the
Brain, but of the fame Nature and Kind; being composed
like it, of a Cortical, or Gleenfulous; and a Midallary Part;
the Branches of which laft, when open'd, refemble those
of a Tree, meeting in the Middle, and forming a kind of

which runs quite thro it.

S'em, which nest quite then it.

Is Sinfacia in sucqual, and farrow'd, but not fo much as
that of the Eerbirms a proparing rather as if huminated,
like from Shell; it modified Circles being the largeful and
deepeth; between the Lemme are Duplicatures of the
Pop Matter. The fore and hind Parts of the Cerebilium
are terminated by Apolybrity; called Fermiforms, from
the relimbiance flow pair to Worms it is justice to
Medicalise shoughts by two Proceeding, called by Paties 29medical being a transportation of the Cerebilium
Delical being a transportation of the Cerebilium

Befides thefe, are two or three other medullary Procef. fes, which paffing across the Medulla Oblongara, form an Arch; from the Discoverer call'd Pons Varolii. See VA-

The Blood-Veffels of the Cerebellum are the fame with those of the Cerebrum; and its use the fame, viz. to se-parate the nervous Juice from the Blood, and convey it

thro the feveral Paris of the Bedy.

D. Willin, bowere, diffinguiffus between the Fundicos of the Cerebram, and Cerebellines miking the first
between the Pinniple of Voluntary Mocines, and Actions and the
ration, the Motion of the Heart, Ge.

"Its commonly aftered, that a Wound either in the Grsey, or Metalls of the Cerebellines, is morats; which it is
not in the Paris, from which Carryant is when he is thro the feveral Parts of the Body.

noe in the Brain, from which there have been enture Parts taken away without harm. The truth is, we have Inflances of People living, not only without any Cerebrum, but also without any Cerebrum. See Baans.

CEREMONY, an Affemblage of feveral Actions, Forms,

and Circumstances, ferving to render a thing more magnificent and folemn.

freen and tolerum.

The Word comes from the Latin Ceremonia, quafi Cereris munne, on a count of the great Number of Ceremonies used in masking the Offerings to Ceres.

Valering Maximus derives it a Cere and Munia: Cere

was a little Town near Rome, where the Romens made Offerings unto the Gods, with ancommon Ardor and Officioutnots, on occasion of the Fear they were in of the Gauls,

who then lay before Rome.
CERINTHIANS, antient Hereticks, who took their
Name from Cerintbut, Cotemporary with St. John.
Cerintbut was a zealous Defender of the Circumcision, as well as the Nazareans and Ebionites. St. Epiphanius fays, he was the Head of a Faction which role at Jerufalem againfl St. Peter, on account of fome uncircumcis'd Persons againil St. Teter, on account of bone uncircumstal Ferions with whom has Apolitch had ex. He believed that plots with whom has Apolitch had ex. He believed that plots that in his Baptim, a cellstial Virne defocated on him form of a Dorre, by means whereof he was comfecued by the Holy Spirit, and made Christ. "Twa by means of this cellail Virne, therefore, has he weought fo many Miradeles, which, as he received it from Heaver, quitted but sifter his Heaver, quitted to the state of the surface of the state of the surface of the came: So that Jelus, whom he call'd a pure Man, really dy'd and role again; but that Chrift, who was diffinguish'd from Jelus, did not suffer at all.

Some Authors aleribe the Book of the Apocalysis to Ce-

rinthus; adding, that he put it off under the Name of St. John, the better to authorize his Reveries touching Christ's Reign in the Flesh: And 'tis even certain he publifth'd fome Works of this kind, under the Title of Apoca

lypfes. See Arocalypsu.

St. Epiphanius observes, that when a Cerimbian dy'd without Baptim, anneher Perion was huptic'd in his fixed. They recerv'd the Coffeel of St. Matthew, to design cir-cumsivity but they omirted the Genealogy. They discan-ted the Epiplies of St. Paul, because that Aprile held Cat-ed the Epiplies of St. Paul, because that Apolite held Catabolifh'd. CEROMA, a Mixture of Oil and Wax; or, a Scarcloth

with which the Wrefliers rubb'd themfelves, not only to make their Limbs more fleek, and lefs capable of being laid hold of, but more pliable and fit for Exercise. See Sear.

CERTIFICATE, a Testimony given in Writing, to assure and notify the Truth of any thing to a Court of

Jultice, &c.

CERTITUDE, is properly a Quality of the Judgment
of the Mind, importing an Adhelion of the Mind to the
Propolition we affirm, or the Strength wherewith we ad-

Certifude is of the fame Nature with the Evidence that nduces it : the Evidence is in the Things that the Mind fees and confiders, i. e. in the Ideas: Certitude is in the Judgment the Mind makes of those Ideas. See EVIDENCE. The Schoolmen dittinguish two Kinds of Cersuade: the

one of Speculation, ariting from the Evidence of the Thing; the other of Adbetica, which arifes from the Im-portance thereof: This last they apply to Matters of Faith. Further, the Schools distinguish three other Kinds of Certitude, with regard to the three different Kinds of Evi-dence whence they arife.

dence whence they arife.

Metaphysical Ceritude, is that arifing from a Metaphysical Evidence: fuch is that a Geometrician has of the Truth of this Propolition, S' That the three Angles of a 'Triangle are equal to two right ones.'

Proficeal Ceritude, is that arifing from Physical Evidence: fuch is that a Man has that there is Fire on his

Hand, when he fees it blaze, and feels it burn.

Moral Certitude. 18 that founded on Moral Evidence 4

fuch is that a Person has, that he has got, or lost a Caus fuch is that a Perion has, that he has got, or bid a Cauffe, when his Attorney and Priends feed him experts Notice of when his Attorney and Priends feed him experts Notice of the Period Priends of t his Poffession

In the Philopphical Transactions, we have an Algebraic Calculation of the Degrees of Moral Certainty, arising from human Testimony in all its Coles; whother immediate, Mediate, Concurring, Oral, or Written.

The Author thereof fitews, that if the Report pass thro feveral Reporters Hands e'er it arrive, each conveying f of Certitude; after 12 Transmissions, it will only be as f, or an equal Lay whether it be true or not: If the Proportion of Certitude be fixed at the state of the true or not if the Proportion of Certifude be fixed at the state of the theory of the t

FOR CONCERNING EVICATIONS, IT TWO ACCIPATES BAVE CREEK SO IN CEPTURE, then will label type an Affuriance of \$\frac{1}{2}\circ 3\circ 3\circ 1\$\frac{1}{3}\circ 1\text{three}, of \$\frac{1}{2}\circ 2\circ 3\circ 4\text{three}, of \$\frac{1}{2}\circ 2\circ 3\circ 4\text{three}, of \$\frac{1}{2}\circ 2\circ 3\circ 4\text{three}, of \$\frac{1}{2}\circ 2\circ 2\circ 2\text{three}, of \$\frac{1}{2}\circ 2\circ 2\circ 2\text{three}, of \$\frac{1}{2}\circ 2\circ 2\circ 2\text{three}, of \$\frac{1}{2}\circ 2\circ 2\text{three}, of \$\frac{1}{2}\circ 2\circ 2\text{three}, of \$\frac{1}{2}\circ 2\text{three}, of \$\

equality remarkable; and that he to whom the Appert is given has if Ceritude for the whole; there is 35 to 1 against the Fallure in any one certain particular. He proceeds to compute the Ceritainty of Tradition, both Oral and Written, in Whole and in Fast 3 fuccessively transfinited, and also co-rettled by several Successions of

Sec TRADITION. CERT-MONEY, Head-Money, or a common Fine, paid

thereof; and fometimes to the Hundred; pro Certo Lete, for the certain keeping of the Leet. This, in smient Records, is call'd Certum Lete.

CERVICAL Veffs, among Anatomifts, are the Arteries, Veins, Ee. which pass thro the Vertebre and Muscles of the Neck, up to the Skull.

They are thus call'd from the Latin Cervin, Neck. See

CERVIX. CERVICAL Nerves, are feven Pair of Nerves, fo call'd,

as having their Origin in the Cervise, or Neck. See NERVE-The first Pair arties between the first and second Verte-The fift Fair arties between the fift and fecond Ferries of the Necks, and contrary to the reft, come out before and behind; whereas the other fair Fair come out before and behind; whereas the other fair Fair come out between the reference of the Fair come of the Head and Est. The fecond Fair, according to Novilla, contributes the main Beach towards the Formation of the Diaphrogenetic Nerves; which, according to Formation of the Object of the Head and the November of the Pair Theorem (See April 1997). Jaü Pair, joining with the two first of the Dershaw, or Tho-rax, make the Brachiel Nerves. All the Cervical Nerves fend innumerable Besaches to the Muscles, and other parts of the Head, Neck, and Shoulders. CERVICALES Defendentes, a Pair of Muscles, Anta-wells, who have I am.

onlifs to the Saere-Lambares; coming from the third, outh, fifth, and fixth Vertebrs of the Neck.

Molt Authors reckon these the improperty, a Production

Most Authors reckon there, t

CERVIX, in Anatomy, the hind Part of the Neck;

Canvey of the Uterus, the Neck of the Propert of omb. See UTERUS.

Womb. See UTLEAS.
The Govern, by Mide, is very astrow, except in the Time of the Minejes; feares wide enough to admit Good's Quill: In Extensity is call the Organiza Interest, which is kept feal'd up with a Had of gustroom Marcer, Italian CERUMEN, Ordering, Ear-Way; a thick, vificous, bit-ter Matter, or Humor, (spentand from the Bood by proper Ginds, placed in the outer Pattings of the Ear. See Eas-

CERUSSE, a Preparation of Lead, popularly call'd
White Lead: and, by the Chymids, Calx of Lead. See

LEAD. Cruffe is made of very thin Lawins, or Plates of Lead, fo laid, as to receive and imbibe the Fames of Vinegar, plac'd in a Veffel over a moderate Fire. The Leanuss are, by means hereof, converted into a white Ruft; which they gather together, and grinding it up with Water, form into little Cakes. Carstan filews how to make it of late. Carstan filews how to make it of

Ceruffe makes a beautiful white Colour, and is m our, and is much su'd by five Painters, both in Oil and Water Colours. It makes the principal progedient in the Faces wid by the Landers for the Complexion. This is inventible, it is a distribution of the Complexion of the Colours of

rine a refemblance to Wax. Dearing a reterminance to wax. CESAR, or CÆSAR, among the Remans, was a long time us'd for the Heir intended, or prefumptive of the Empire, as King of the Romans is now us'd for that of the German Empire.

the German Empire.
From the Time of Marcus Amerlins, to that of the Empire Foliat, some had the Time of Algorit given them, will thely had been fit excend Color. Sparrine hys. will thely had been fit excend Color. Sparrine hys. where the second the second the second the second through the time of Algorit to the Empire, Frenches Integris - See Answerts.

Color was the found Digity, till the Time of Algorit Consumers in the Empire excend a now Physicy, in Exposure the Algorithm of Algorithm of the Sparring of Algorithm of the Sparring of

The Term nock in rife from the Names of the first Re-more imperous and that some drives from Coffers, Hard-ing Coffers, was dillinguilful by his fine Head of Hist, which confined the Title. The noce common Opinion that Coffers own at Left antire Drivery In-cred his Monthey Coffers owner at Left antire Drivery In-cred his Monthey Coffers owner at Left antire Drivery In-cred his Monthey Coffers owner at Left antire Drivery In-red his Monthey Coffers owner at Left and the Left and who beet the Name Hill'd as Emphase in Birticly 2 Gept who had been at the Coffers of the Coffers of Drivery In-Madil, on which is in Eliphans with the Word CESSAS. CESAR EAN Softling of Cofferson Therma, no Operation wheely the Child is dearn from the Monther by Volume

mesas, with Incifion. Sec BIRTH.

mens, with ledfine. See Birt II.

I appear from Experience, that Wounds in the Mulcles of the Effectfirms, or Perinsums, and shole in the
Murel, we note moral; to fain the Bully of the Mosler
Murel, we have been supported to give partiage for the Child's
but then "timess appeared to give partiage for the Child; a
but then "timess appeared to give partiage for the Child;
but the "times appeared to give partiage for the Child;
but the "times appeared to give partiage for the Child;
and Coprison," and "times the Child;
and Marshall". See Crass.

"All Resultin's See Crass."

The Child's Effect of Child Chil

the Coforean Section.

the Copress Sciion.
CESSAVIT, a Wit that lies in divers Cafes; upon this general Ground, that he against whom it is broughs, has the two Years neglected to perform fach Service, or pay fach Rent, as he is obliged to by his Tenare; and has

not upon his Lands or Tenements fufficient Goods or Chatnot upon his Lands or Tremments Inflicient Goals or Class-teis to be difficial d. it only life for small Strives, Rent, and Such-like, not for Homage or Feelly. The Forms and Species of this Writ are various; as, Cofferit Centurius, Cifferit de Feelffrom, Cofferit per Breaminn. CESSION, in a Logal Seafie, an A& whereby a Person furrodeer up, and transfinit to another Ferfon, a Right which belong do binnfell.

Gelfion is a general Term, the Species whereof are, a Sr.

CESSION IS A SCHEETEL TERM, THE SPECIES WHEFOOT ARE, A SUP-render, Relinquiftment, Transfer, and Subrogation; which fee. CESSION IS particularly used in the Civil Law, for a robuncary and kegal Surrender of a Person's Effects to his

volumers and figal Samender of a Perfors' Effects to his Cecilients, to would imprionment.

This Froelites Bill obtains in France, and other Committee, and is done by winner of Lettern Fasent gented in the same of the same

each was, was to bestein in the retrieges of the Coffiner was become poor there his own [50]. The factor Lawyer defends the Coffiner was become jour there has no solid in firstly Lawyer defends the Certmony of Coffiner to could in firstly the burn Berch three times against a could in the contract three countries. The contract three countries was to be the contract to the contract when the countries was the contract three countries when countries was the Contract to the Anticots us slope to carry at the Citative to the Contract, the Mexicola this Big. 6C; was a follow. The Coffiner gather'd up Dull in his left Haid, force the Sur Contract to the Contract to the Contract to the Montant of the Hook, and flanding on the Threshold holding up the Doce-fold in the fifth Haid, where the Dull had for the Structure.

his right Hand, threw the Duft back over his Skoulders; then fitziping inso his Shirt, and quitting his Girdle and Sacks, he jump'd with a Pole over a Hedge; hereby let-ting the World know, that he had nothing left, and that when he jump'd, all he was worth was in the Air with him. This was the Coffien in Criminal Matters: In Civil Cafes, it was fufficient to lay a Switch, Feech, or broken Straw on the Threshold. This was called Chrescerules

per Durpillum & Festinam. See Investiture.
Cession, in the Ecclesiastical Law, is one manner of vacating or voiding an Ecclesiastical Benefice. See Vaca-

TION, and BENEFICE.

TION, and BENEFICE.

By the Canon Law, if a Clerk has one Living, of 81.

For Annum Value, or upwards, and takes a fecond, of
what Value foever, the former is void without a Difpenfaction: that is, it is void do June, but not do Facto.

By the Statute, if a Clerk have one Benefice of 181. By the STREET, if a Clerk have one Benefice of 181. per Annexe, or upwards, and takes another, of what Value former, with Care of Souls, and without Dispensition, the former Living is, 190 falls, vold: And this kind of Vold-ance of a Living is call d Cesson.

What is call'd Coffies in other Benefices, is call'd Crea-ties in relation to a Bifhoprick; for if an Incumbent be made a Bifhop, his Benefice is faid to be void by Creation.

CESSIONARY, a Rankrute. See Banknery, and

CESSOR, in Low, one diktory, negligent, and delinquest in his Days or Service, and who thereby incurs the Danges of the Low, and is links to have the Witt Cyllages of the Low, and is links to have the Witt Cyllages of the Low of the Cyllages of the Witten (1976). Where for fill the Yalans (1976), the meant be couldn't be to the Dange of Service to which he is bound. CESTUL, a Franch Term, literally, fignifying Mr, or Ming, frequently at lit now of Low Wittings. Thus, Carret and Traff, the committed to blink for the Benedict of mother.

Castus qui Vie, one for whose Life any Lands or Tones are gr

commons are genered.

Castrue gai Uff, he to whole Ufe another Man is infeoffed in Lands or Tenements.

CESTUS, as Term and by Poets and Paintern, for the

Girdle which they attribute to Ventu and Yano.

Among the Antients, Coffan properly fignify d the Maid's

Girdle, which the Bridgeroom onty'd when he led her into the House.

the House. The Word comes from the Greek art G. Girále: whence also Incessay; a Term und at first for any Naughtiness by undoing the Girále, Gr. but now restraind to that between Persons near skin. See Incess.

CESTUS was allo a large Leathern Gantlet, garnish'd with Lead, us'd in the Combats or Exercises of the an-

tient Arblete. See ATHLETE.

Calepin Spy, it was a lind of a Club with leaden Balls hanging from it, sufpended by Leathern Thongs: but he was mithken, it being only a Leathern Thong studded with Nails of Lead, or Iron, a part of it wished round the Hand and part of the Arm, to prevent their being broke or difforated. It was called Ceffus, a cedende, to flrike, or b

Ccc

E	Т	(186)			С	Н	A
JRA,	in the	Latin Poetry, a Syl-	Names	and Situation the Start.	of	Sign	Longi	tude.

County in the Middle of the Dodge

CESURE, or CÆSURA, in the Latis Poetry, a Syl-lable remaining at the End of a Foot, and seeming as it were detached from it, to begin the following Foot; as in

this Verfe.

this Verte,

Arma Virtunague cono Troje, qui primus ab oris ;

where the Syllables no and jo are Cofferes;

in the modern Poetry, Coffere is propecty a Reft, form'd

in the middle of long Vertes. In Alexandrine Vertes, of

z or 13 Syllables, the Coffere mult always be the fixth's ji

Vertes of 10 on the locath's and in thole of 13 on the

fixth: Vertes of cliph Syllables mult not have any Coffere.

Scc VERSE. See Verez.

The Cofure, by affording a Reft in the middle of a long
Verfe, to aid the Voice and Pronunciation, divides the
Verfe, as it were, into two Hemifticks. See Rest, and

Pauss.

CETACEOUS, in Natural History, a Term apply'd to all large Fishes, and Sea Monsters, which bear a refemblance to the Whale. See Wilals.

The Word is form'd of the Latin Cetts, Whale. See

Fish.

The Horn usually call'd the Unicorn's Horn, is found to be the Tooth of a Cotacrous Fifh in the Icy Sea, call'd

CETERIS, or CÆTERIS Paribus, a Latin Tem, Phrase, in frequent use among Mathematical and Physical

The Words literally fignify, the rest, or the other things sing alike, or equal; which expresses protty nearly their leaning as a Torm.

Thus, we fay, The becoier the Bullet, ceteris paribus, the greater the Range; i.e. by how much the Bullet is heavier, if the Length and Diameter of the Piece, and the Quantity and Strength of the Pouder be the fame, by fo much will the atmost Range or Distance of a Piece of

much will the attroof Range or Diffuser of a Foce of Ordance be.

Orda

Start in the Conftellation Curus.

Names and Situation of	緣	Lor	gitu	ide.		titud		Wagers.
the Stars.	Ä		,	"	* 5	outh	·"	2016
	×	18	16	40	14	14	14	E
Of those in Triangle preced, 7 Mid.	^	1.9	25			14		4
the Tail, by Pielmy rank'd		2.2			10		0	6
among the Informes of A. (No		11			15	16	3	5
quariu.) So.		ž I	11	12	18	45	14	5
North, in the Extrem, of the Tail		36	35	۰.	10	0	41	4
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	γ		45			41		6
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			13		4	15	16	6
Bright, and South, of the Tail	-25	18		2		46		3
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10				33	110	40	10	Ι.
			45	,	١,,	18	60	10
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Prec. in the poster. Part of the Body				41		76		П
				10		6		1 3
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		5	42			37		1.
		Ic	39	59	14	41	38	н
			5		119	35	44	10
Subf. in the poster, Part of the Body 30	7	11	5	51	11	46	30	l
			31	36	2.1	50	7	1
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				44	18			16
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Contig. to the North, in the Body				46			11	
North, in the middle of the Body	7	17	31	47		21		1

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	Y	23	3	55	13	12	14	6
nother, and more South		15	4	15	31	2	29	4
		24	22	44	11	39	52	6
				32	12	,	13	7
		14	56	2	14	29	13	. 7
45							1	
				16		8		6 .
reced, in the Creft				33	4	17	15	4
				10	14	50	5	6
				13	18	48	51	6
lew one in the Neck of Cetus		27	11	15	15	56	18	2
50								
		78	59	41		0		6
				4		14		6
n the hind Part of the Head		3		33			25	6
	Y			36			12	6
rec. South. in the 🖂 of the Breatt		25	22	10	25	15	50	4
subfeq. of two in the Creft		3		35	5	53	7	4
		21			34	14	5	6
	8	0	59	19		13		5
ionth, prec. in the 🗖 of the Breaft	Υ				28	22	48	4
		29	13	58	2.1	50	36	6
60								ı
Against the Eyebrow	ਖ		- 3			12	26	4
		0	55	37	17	49	1	6
	Y	129	34	34	21	55	44	6
	В			- 55	17	52	43	6
Prec. in the Mouth 20th, the Cheek		3	14	16	14	29	57	3
					1			
N. of those following in the Square	4	49	۰	15		0		3
of the Breaft)	ıδ			39	15	35	39	6
In the middle of the Mouth		- 5			12	1	26	3
That against the Forebrad		. 7	34	50	5	35	33	4
South, of those that follow in the	·Y	25	2.4	1 53	28	16	32	4
70 Square of the Breatl?	1							11
		25	4	130			70	8
That against the Nostrils	2	10	4	6	7	49	12	4
Bright Star of the Taw) 15				

South.

18 25 48

14 19 11

of the Jaw) to 14 30 25 Inform, following the bright Star

75

CHACE, Soc SCHASE.
CHACING, Soc CHASE.
CHACE of a Gun, is the whole Bore, or Length of a
Piece of Ordnance on the Infide. See Gun, Cannon, Ord-NANCE, SC.

12 31 39

blind Mar

CHAFE-Wax, or CHAUFFE-Wax, an Officer in Chae-cery, whose Bufiness is to fit the Wax for the fealing of Writs, Patents, and other Instruments iffu'd thence, See

CHANCERY CHANGERY.

CHAGGIN, CHAGRAIN, or, as it's vulgarly call'd, SHAGREEN; a kind of grain'd Leather, chiefly us'd in the Covers of Calces, Books, &c. It is very close and folid, and cover'd over with little roundfill forains, or Papille. It is brought from Conflantinople, Taturis, Tripsli, deliner, and forme Paris of Palend.

Algiers, and fome Parts of Poland.

pile. It is design the consistent piles, Laterit, Arphi,
There is a Different mong Authors what the Ainstill at
whence the Colgrirs is prepared i. Some fay this a Houfe, or
Part of the Shits is used for this purpose. Ever first is
Society of others a kind of Fath, child by the Turks Gibhand that they will report of which Greats and thole is
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Chegrin ;

lion Cham: Rebellious Cities are passified by taking away their Châm; and Bairers.

The Arms of the Kingdom of Nonzere are Chaise Or, in a Field Gate. The Occasion hereof is relieved to the passion of the Chamber of the Company of the Chamber of

that broke and fere'd the Chains thereof.

A Gold Chains, is one of the Ornaments or Badges of
the Dignity of a Lord-Mayor of London; and remains to
the Perlon, after his being divelted of that Magistrature,
as a Mark ho has pused the Chair. See Mayon, and Ar-

DRRMAN.

Something like this, Charier observes, obtain'd among
the antient Gault: The principal Ornament of their Perfons in Power and Authority was a Gald Cissa, which they
were on all Occasions; and even in Battel, to dillinguish
'em from the common Soldiers. Hift. de Dauph. Lib. III.

p. 130.

CHAIN is also a kind of little Tiffue, ferving to hang
Warches, Twoczer-Cafes, and other valuable Toys upon. See

Wanter

Warett.
The Invention of this piece of curious Work is owing to the English; whence, in foreign Countries, it is deministed the English; whence, "This but of very late Years that Poreigners have undertook to imitate 'em, and yet with no extraordinary Success: those of Paris have come with no extraordinary ouccess; those or Parsi have come nearest. These Chains are usually either of Silver or Gold, Some of oilt Councer: the Thread or Wise of each Kind

to be very fine.

For the Follorick, or Making of these Chains ; a Fart
of the Wire is folded into little Links of an oval Form;
the longest Diameter about three Lines, the fhorested ne.
These, after they have been exactly folderd, are again
folded into two; and then bound together, or interwove, by
means of forestal other little Threads of the fine thicked; means of feveral other little Threads of the fame thicknells, feme whereof, which pafs from one end to the other, imitate the Warp of a Sruff; and the others, which pafs transferent, the Woof. There are at leaft four rhoustad little Links in a Chain of four Pendants, which are, by this means, bound so equally, and withal so firmly together, that the Eye is deceived, and takes the whole to confift of one en-Diece

the Bicce.

Grain-See, in War, two Bullers, or rather half Bullers, intel[®] together by a Chain; their use a Sea is to them closed Tacker, or Malits or one care the Shrender, or any Grain Plants, or See Pours, and Ben-Plung.

Grain Plungs. See Pours, and Ben-Plung.

Grain in Surveyling, in a Measine conflicting of a certain Number of Links of From Wire, usually 1005 [sering to the the Dimensions of Fields, §6. by is See Man-E, and Surveying

This F. Merfenne takes to be the Arvipendium of the

This F. Merylaus takes to be the Merylausiums of the American. See facts within Dimensions, as the Longth or Number of Links writers: That commonly will in measure the Merylausium of t

Link one Inch 25

Link one Inch 25°C.

Smet, in lieu of Christi, sife Ropea; but thefe are liable to feveral inegularities; beets from the different Deprece Medical Christian in Proficial Consense, point sign and the state of the Christian Consense, relieu sa, he has oblived a Rope of Foot long, reduced so 15 in an Hour's time, by the more chilling of a Hour Foult. To obviet only the profit of the Christian of the Christian Christ

Day. The state of the contain in Surveying Leaghts to expedit on the Chief of the Chief of the Chief of the State of the top oppular to need Dicfriction. In contrain close the Experted by a Data Thus a Line 6x Chief of Line of the Chief of

C H A

Clayrie, but this this dilliquidité by its pecting sit, by one seader, according to the Rain given under A

which the first does not.

CHAIN, detraw, a series of event Rings, or Lent, the

Axia, and from the Product car off re-Figures towards.

These are Chiese of divern Mattern, Sten, Forms, and

and carring off first applies one of the rings of the Control of the Contro

Then, taking in your Compaffes the Length meafur'd Then, taking in year Competies the Length measurd on the other Side, on the Vertex A, as a Centre, definite an Arth $d \in g$ and on the Point e_i as a Centre, with the measure D of thinness of $e_i d$, defectibe another Arch a b. Thro the Point where this interfects the former Arch, draw aLine A D. So is the Angle plotted g and its Quantity, if regalird, may be measured on a Line of Chords. See

Conon. To take the Plan or Plat of any Place, at A BCD E, Fig. 1) by the Chaim. Draw a rough Sketch of the Fig. 1) by the Chaim. Draw a rough Sketch of the Chair to the Method shows

to the Mithod above. If the Plane be to be taken without fide the Place, the Angies must be taken thus; v, v_c , for the Angies BCD, produce the Lines BC and C D to say certain equal Dilisance, v, v_c , to v_c and b_c , five Charm mechane the Dilisance of s, b_c . Thus have you as lifsfeles Triangle $C \circ b_c$ Mercian the Angie $s C \circ b = B C D$ is opposite one is had; thus is the Quantity of BCD Sound, and the Angie laid down as

Quintity of BCD found," and the Angle little down as Fig. the Chain is guid the Diffusion street error 005(6)(e). Fig. 1) where the common Diffusion co. evid (bloof is (Fig. 1) where the common Diffusion co. evid (bloof is (Fig. 1) where the common Diffusion co. evid (bloof is Ch. which fisprofe to Chiere; and continue the Line to D₁ ext. 5 more. Neaflest als BC, which fisprofe is own the termed the Thingte CDE, equal and finalter to the Triangle, RC (c) evologently the Diffusion D₂ is, the Triangle, RC (c) evologently the Diffusion D₃ is, and the CDE of the CDE of the CDE of the CDE of Fig. the Chain to Fall the Diffusion CDE, Fig. the Chain to Fall the Diffusion CDE, See that Chain to Fall the Diffusion CDE, See the Chain to Fall the Diffusion CDE, See the Chain to Fall the Diffusion CDE of Fig. the Chain to Fall the Diffusion CDE of See the Chain to Fall the CDE of See the CDE of CDE of

Suggestians, whence the Priest spoke to the People Person, and Catherra.

FESTI, and CATHEBRA.
It is fill apply do the Pince whence Profession and Regents in Universities deliver their LeGures, and teach the Sciences to their Pupils: Thus, we say, The Profession Chara, the Deliver Chara, &c. Sec Provission, &c. Charalle Chara, was an Irvey Sear pixel on a clar, wherein were feated the first Magistrates of Rome, and those whom the Honosor of a Triumph was granted. See

CURULE. CHAIR is also us'd among the Romanists for some Feasts,

held aniently in Commencation of the Translation of the See or Seat of the Church, by St. Peter. The perforated Chair, wherein the new-closted Pope is placed, F. Mebilios oblieves, is still to be seen at Rome:

is plated, f. Meledius oblivirus, is fill to be foce at Rome;
but the Offigin themeof he does not artibute, as is commonly done, so the Advenuer of Pope files; but fair
complete the Common of the Co

CHAISE, a fort of light open Charies, or Calefb. See Coach, and Charlet. CHALASTIC Medicines, are fuch as have the Faculty of foftening, and relaxing the Parts 4 when, on account of their

CHA M pocalizar, Tenden, es Swelling, they ocasion Pain.
Of this Kind are Burrer, and many Olis, Esc. Eucon.
The World comer from the Great years of the Art. In t The Word comes from the Greek χαλάο, 1 feften.

CHALAZA, among Naturalitis, the Trieddle of an Egy or that flat, dented Part at each End is ocall'd, as being antiently suppord to be the Sperm of the Cock. See

being aniently lapped to be the e-perion of the codes. See Lin U.C., according to Intervo, it to be as it were the Poles of this Microcolin, and the Concellons of all this open and the concellons of all this quarter are not only conferred, eith in its Pince, but all in its dare Delition to the rest. In its Pince, but all in its dare Delition to the rest. In the contract of the term Part of the Tolk appearance, It ex the Egg to a rand which way it will; which is dense by the following White subsertion by form, and being break to the Mem-hrane of the Yolk, a little one of the Asia, coals one fide-ing in the property of the Contract of the Asia, coals one fide-ing in the middle of two Whites, it by its own knew place made in the middle of two Whites, it by its own knew place and if dark be imagine to be that whence on the Carrierian line. See Generality.

CHALCANTHUM. See CALCANTHUM.
CHALCEDONY, or CALCEDONY, a precious Stone
of a blueith or yellowith Colour, rank'd among the Kinds
of Agate. This larpool'd to be the whote Agate of the Antients; the we formetimes find Pieces of it blackith. See

DATE.

It is very fit for the Graver; and much us'd, either to engrave Arms, &c. u;on, as being harder and preferable to Cryflid, if good; or to paint them on the backfide. In forme Parts, Vates, Cape, Religious Beads, &c. are made thereof. The clearest and bett is that with a pale cast of blue.

Belon fays, 'tis so common among the Turks, that it former them for threshing their Com: but he mistakes.

MINICAL EDUNIUS is a Term us'd by the Jowellets, for a Defect found in fome precious Stones; when, in turning them, they find white Spots, or Stains, like thole of Coalectory; This Defect is frequent in Grenater and Rustine COSICEASONY AND LOCKER INCIDENT AND ADDRESS TO STREET THE LAPIDIATIES REMOVED IN THE LAPIDIATIES REMOVED. THE LAPIDIATIES AND ADDRESS AND

chitecture, a large magnificent Hall belonging to a Tribu-

Archive all we CHALCHION CONT. In the success of a chiefchen, a large sungiment Hall bedough to a Tribia-ni, or Control Julice.

The Modern and Society.

The Modern and Control Julice.

The Modern suck the Control Julice.

The Mode

Chalcitis.

Constitution

This is brought from Germanny: It is very Cauthic and
Etcharotic. Its chief use is in the Composition of Venice-Treacte: in lieu of it are frequently subtituted Calcanthoms subjectly, or Coppers, or Calcanities.

CHALCOGRAPHY, the Art of Engraving on Copper

CHALCUSKAPHI, the Art of Engraving on Copper and Bras's. See Engraving.

CHALDEE, or CALDEE Language, that flock by the Chaldean, or People of Chaldea. See Language.

The Chaldee is a Dialect of the Hebrew. See Hebbew.

CHALDEE Paraphrage, in the Rabbinical Style, is call'd

Targum. See TARGU There are three Chaldee Paraphrases in Watton's Poly-

board, 21 Chaldrons of Coals are allow'd to the Score. See

COALS.

CHALICE, or Cap. See CALSE.

CHALIK, a white Sabtlance ufuelly reckon'd as a Stone;

Sub TD. Mare thinks, without Resion; fince, when examin'd by the Hydrolfatical Bellance, it is found to weat

much of the Weight and Conflictnce of a real Stone; fo
that he thinks it more juffly rank'd among the Beles than Stones. See Bole.

This he observes to he the Case, not only in Chalk, but

Stonet. Box Hors.

Stonet. Box Hors.

De the Cafe, nor only in Cisit, but various other Bodies, rate for genand to be Stones, form various other Bodies, rate for genand to be Stones, form whereof are neare Earth than Stones 4 other southing but Eurh, Saphya, Martin, &C. Go. Stovens, Elavaru, &C. Box, Stovens, Elavaru, &C. Box, Stovens, Elavaru, &C. Box, Stovens, &C. Box, and Carlo of Stovens, and Stovens,

againd, in Cale of Felow, by the Priferer as the Bar. Against Things, as a Declaration Soc Discrataryon Clustings as the Jurney, is either made to the Arreys, or to the Palis: To the Arreys, as when the whole Namies' is excepted againt, as partially empendid. To the Pali, Clustings as the Jurney, is also divided into Chellings Principled, and Chellings for Cently i.s. upon Cause or Reason alled; div. Clustings: Principle, otherwise called Challenge Persup-rays, is what the and show whom Cause insidigle, or

further Examination; as a Prifoner at the Bar, arraign'd on Felony, may peremptorily challenge twenty, one after another, alledging no Caufe but his own Diflike; and they hall be fet afide, and new ones chosen in their room. In Case of High-Treason, no Challenge Peremptory was formerly allow d; but by Stat. 7. Gul. III. liberty is given

merly allow'd; but by 35st. 7. Giff. III. III. Incerty is given persengarily to chellenge 5.

Yet there feems to be a Difference between Cotallenge Priscipal and Challenge Peremptory; the latter being only in Matters Criminal, and without any Caufe alledged; the former meltly in Civil Cafea, and with affigning force fach Canfe, as being found true, the Law allows 5. Qs. if fach Canfe, as being found true, the Law allows x ve, x is either Party allogics, that one of the Josove, is the Son, Benber, Confin, or Tensate of the other, the Exception is speed. Also in the Floor of the Dethot of a San, or in any amount to a Shillings; it is a good Galdenge to a Jure, than the cannot directly and Shillings; it is a good Galdenge to a Jure, than the cannot directly and Shillings; it when the Party does allogic from the Kacytron as is followed to a Jure, the Canfel of the Canfel, it is when the Party does allogic from the Kacytron as is followed upon the ledgement of the Turth of it; v. y., if the Son of the Jure have marry the Lappites of the control of the Jure have marry the Lappites of the control of the Jure

have marry d the Daughter of the other Party.

The Word Cleatings was animally latin of Calamnia.

CRALENGE is also a Hunting Term: for when Hounds at fulf things the Sect of their Game, prefently open, and cry, the Huntimen Say, they Cleatings.

CHALIBEAT, in Medicine, fomething, that partakes of the Nature of Sect, or Iron; or that is impregnated with Particles or the Mexage. See Inox y fee also Maxay. and Sweet

and Syrais.

Chelphora said chiefly as Alcobrenes, and Deoblineaus.

Chelphora said chiefly as Alcobrenes, and Deoblineaus.

Chelphora said chiefly as Alcobrenes, and Deoblineaus that the tendence with a metallic Matter; has the Oil is the Free dominater in the Mistaters and between the Parts midd sear lung. Porce. Menos, here becomes easily difficulties; pounded, i.e. when once the Oil is flegared from the pane, ferrapineau, or merallic Parts, no Difforent has any finding of the Chebon once the Oil is flegared from the pane, foreignous, or merallic Parts, no Difforent has any dedges, as no convert it into what the Chyntills call is Go-degree, as no convert it into what the Chyntills call is Go-degree, as no convert it into what the Chyntills call is Go-degree, as no convert it into what the Chyntills call is Go-degree, as no convert it into what the Chyntills call is Go-degree, as no convert it into what the Chyntills call is Go-degree, as no convert it into what the Chyntills call is Go-degree, as no convert it into what the Chyntills called parts of the Chyntills (Inc.).

Heat of the Stomach; whence, according to M. Lemery, it wou'd have carry'd into the Blood a new fpirimous, fait would nave carry disito the Blood a new pictineous, is-harry Jaice: He observes also, that from acts as an abser-bent, from the Largencia of its Pores, and the Eafe wherewith all Kinds of Salts, even gross ones, infinance themselves therein: even scotbatte Acids are absorbed

thereby. Further, 'vis not enough that peccant Acids enter Iron; but in entering they also expel and experts that falentry Juice, which is also put in Motion, and disea'd to be evaluated by the natural Heat. Thus is Iron doubly advantaged by the natural Heat. Thus is Iron doubly advantaged. tageous, both by the Oil it furnishes the Blood withal, and by the Salts it frees it from. The Adison of the Parricles spoons, some off the Curi is stimuted the stood within, and to obtain the curious of the Curi is strongly to the Curi is strongly to the Curi is supported with the Mosseumus they give the Blood by their Pendersofiny, makes them not only preferable to mode often Pendersofing, makes the most only preferable to make other Decoherence, as a Visit and proposed in where Curies ejectally where there is a Visit and proposed to the Curicalization is inaguid; as in mod Hydrica and Hyperchandrics Cufes, Eff.

CHAM, or KAN, the Title given to the foreceign Principles.

ces of Tarrara

s of Tartary.

The Word, in the Stlavonic Language, fignifies Emperor. The Word, in the Stavoure Language, fignifies Emperor.

Spertingius, in his Differnation on the Deniffs Term of
Majetty, Koning, King, thinks the Tartarian Chass may
be woil derivd from it; adding, that in the North they

be woll derivd from it; adding, that in the Narth they find, Kan, Kouser, Kong, Kausin, the Priffers, for the Ther Term Clear is and among the Priffers, for the The Term Clear is and among the Priffers, for the The Class is a second of the Priffers, for the Class is a second of the Priffers, or South of a Trumper, which is given the Enemy as a little of the Priffers of the Priffe

CHAMBER, in Building, a Member of a Lodging, or Piece of an Apartment, ordinarily intended for fleeping in ; and call'd by the Latins Cobecutum.

A compleat Apartment is to confift of a Hall, A compleat Apartment in to confit of a Hell, duti-chamber, Camber, and Coliner. Son PARATERNY, Ed. Camber Word comes from the Latin Camera; and that, ac-cording to Nicod, from the Greek space, Fands, or Carrey; the Term Chember being enginally confind to Places arch of over. The Statisted cell it Camera; whence Camerade. Brack Chambers. See Burn-Chember.

Pricy-Chamser. See Bett-Commor.

Pricy-Chamser. The Gentlemen of the Pricy-Chamber are Servants of the King, who are to wait and attend on him and the Queen at Coart, in their Diversions, Pro-

greffes, &c.

Six of these are appointed by the Lord Chamberlain, together with a Peer, and the Master of the Ceremonies, to attend all Ambastadors from crown'd Heads in their publick Entries. Their Number is 48.

Their Institution is owing to King Henry VII. As a fin-Their institution is owing to King theory vis.

See an agular Mark of Favour, they are impowered to execute the King's verbal Command, and without producing any written Order; their Person and Character being deem'd

fufficient Authority.

Prefere Chamber, See Springer Chamber.
Connel Chamber, Council Chamber.
Chamber in Policy, is us'd for the Places where certain Affemblies are held, as also for the Affemblies themselves.

Affemblis are hold, as a fie for the Affemblies themfores. Of their theme warroam Kinds, Some clashiffed to the Administration of Julice, others fast Matters of Com-Born Committee and Committee and

interior Judges were not to meet to give Correction, and the common Law bad not furficiently provided. By the Statute 17 Car. I. the Court call'd Star Chamber, and all Juridiction, Power, and Authority thereto helong-ing, are, from Angust the first, 1641, absolutely distorted.

ing, are, from Angult the first, 1641, absolutely distorted.
Painted Chamber. See Painter Chamber.
Dispried Chamber. See Painter Chamber.
Dispried Chamber. See Juridiction held satisfied assisted as the control of the Chamber.
Spires, but since transferr'd to Vefler. In this are determined the Differences among the Princes and Cities of the

Impre. See Estrict.
It was at first ambulatory: In 1473 it was first to Argiburg, then removed to Frankfur; and thence to Normal,
in 1491; afterwards it was removed to Normalising and
Ratisburg; again to Worms and Novemberg; and from this
last to Estroger; thence, in 1521, to Spares; where
Charles V. reader of it federatory, in 1530.

As the field Indication it confided of an Affelfore: but At its first Luthurion it conflicted of 1st Affisher; but the Reformation callung, occasional the Number to be increased at By the Treasy of Ofinebrog, in 1658, there were appointed to Affishers, whereout 2, no be Proceedings, and 16 Cutholicks; befoles five Prinderns, two of 'em Pre-cedings, the reformation of Cutholicks. As the Princes, or Carcies of the Empire are not always could in filling on the Vaccacies in this Chamber, the Num-

eacht in filling up the Vacancies in this Chimber, the Num-ber of Affiches is now reduc'd to 16. See IMPIRALL.

This Chamber has a Right of judging by Appeal, and the laft Refort, of all Civil Affairs of all the Subjects of the Empire, in the Linne manner as the Authe Countil reliding at Vienna, See Annie. Processes are here almost Immortal, by reason of the

Processes are note amount influence, by reason of the show ore embers 6'4

they are embarais'd.

The Imperial Chamber is frequently afraid to pronounce
Scenesce, for fear of exposing its Awards to some Diffgrace a
the Princes femetimes not permitting such to be executed

Apolithical Chamber, at Rome, is that wherein Affilia relating to the Revenues and Domains of the Church and the Pope are translated. See Apostolical.

the Pope are unafided. See Arstructure.
CRAMER, of Anderson, or great CRAMER, of Addition is each Parliament of Framer. See Parliament of John to the Conference of the Confer

thois of the Reform'd Religion: wherein the Number of judges of either Religion were the firm; and to which recourie was had in all Affirir wherein any of the Prote-tans were concerted. This Christer's in own lappeds'd. Chamatia, of Accompts, is a forecting Court, where Ac-comps are rendered of all the Themers Reyning, Invan-tation, and Avenues given to the King, Oaths of Hidelity Lixes, and other Things relating to the Finances transite-tizes, and other Things relating to the Finances transite-

taken, and other Things re-

red. The French have also,
Estolfsslites (CAMMENS, which indep, by Appeal, of Differences arising on the rating of Titles v. Of title ExDifferences arising on the rating of Titles v. Of title ExDifferences arising on the rating of the Cambridge of the Cambr

of Parlament. The Chumbyr chales as mmy Contelliors out of the Clergy as it thinks proper; as allo a Promoter. CHAMPER of LINEAR CONTENT OF THE ACCOUNT OF THE CONTENT OF T

and another at Drukerk.

CHAMBER in Wer, is us'd for the Piace where the Pou-der of a Mine is lodg'd. See Mine.

The Chamber of a Mine is a Cavity of five or fix cu-

ick Feer.

bick Foct.

CHAMERA of a Merier, or Cannus of the new Make, is a Cell, or Cavity at the hottom of the Birrel, or Chife, where the Change of Fouder is logic? See Morana.

The different Form of the Chamber, is found by Engineers to have an Influence on the Range of the Pixee.

A Cablial Chamber carries the Ball a lefs Dillance than a Circular one; and that lefs alona a Cylindrical Orthogram of the Cavity of

A Cabical commerce centres was an extensive superior circular one; and that lefs than a Cylindrical one. CHAMBERLAIN, an OBore who has the Management, of Energian of a Chamber See Grassive significant of the Chamber of the Chamber

There are almost as many Kinds of Consuler latin as Chem-ber: The principal are as follow Bogland; an Officer of Earth Great Chamathanis of Bogland; an Officer of Grara Antiquity and Honour; being rath'd the fixth great Officer of the Crown: A confiderable part of his Burs-tion is at the Consulton of a King; when he driftle him, carries the Cair, Sweed, and Giovas to be as'd on that Cocifion; the Gold Sweed and Schibart to be officed by Occolone; the Gold Sowerd and Stabbard to be stifted by the King; at the Aboe Royal and Crossen He all in audite for him, and wain so him at Disner; having for his Foot het King's Bed, and all the Institute of his Chine has been also all the Bods, in time of Parliament; we which Rail be has an Apartment part the Lord Model. He has the Government of the Palaco of Williamsfor; illino see War-Government of the Palaco of Williamsfor; illino see War-Government of the Palaco of Williamsfor; illino see War-Government of the Palaco of War-Gove

rans for preparing, fitting our, and furnishing Westminster-Hall, sughait Coronations, Trials of Foers, &c.
He dispose of the Sword of State, to be carry'd by whom he pleases; and when he goes to Parliament, is on the right Hand of the Sword, the Lord Marshal being on the lett. On all socient Occosions, the Keyn of Westman Far-Hall, of the Court of Wards, and Court of Requests,

are deliver'd him.

To him belong Livery and Lodging in the King's Court;
and he has certain Fees from every Bishop at his doing

and he has certain Fees from every Bildop at his design.

Homage to the King, and from every Peer at his Certain. Under his Command are, the Greatman-Gifer of The This Factor was long held by the Earth of Onferta', via. from the Time of Henry I. by an Effate or Deheritance to his time there has Consultant Medicates by the Managais of Lindfoy, now Date of Anachter, by an Effate or Inheritance from a Daughter and Heir General, claim d,

but controverted. but controverted.

Lord Chambanlain of the Houlhold, an Officer who has the Overfight and Direction of all Officers belonging to the King's Chamber, except the Precinct of the Best-Chamber, which is abidiately under the Green of the

to the King's Counter, except the Precind of the Bid-Chaulter; which is ablinered under the Groun of the Chaulter; which is a bid-net of the Chices of the Wardney, He has the Overfight of the Olicers of the Wardney, he has the Overfight of the Olicers, Framperca, Dram-hick, Comedium, Hunting, McGrugers, Framperca, Dram-lick, Comedium, Hunting, McGrugers, Framperca, Dram-king's Service: a As also of all Serjeanse at Arms, Phys-cian, Apothecaties, Surgoon, Barbers, the King's Chap-liss, Gr. and administics the Out on all Olicers above Stairs, &c.

Stain, §6.

There are alio Champerlains of the King's Courts, of the Exchequier, of North Pilati, of Cheffer, of the City Office Chandin, &c. in all which office is compared to the Champerlain and the Champerlain and the Champerlain and the Champerlain and Cheffer, when there is a Philatic which will be considered in the Champerlain and Earl of Cheffer, the Champerlain of Cheffer bath the Receipt and Return of all Write coming thither our of any of the King's

Courts.

In the Exchequer, there are two Officers of this Name, who were wont to keep a Controulment of the Pells of Receipt and Extinst; and kept certain Keys of the Treafury and Records: They kept allo the Keys of that Treafury where the Leagues of the King's Predecestors, and divers antient Books, as Dooms-day Book, and the Black-

diver meiner Books, as Dommedyn Best Accessioners, den best of the Exchequer comin. See Jan and the Eliza-tion of the Exchequer comin. See Jan and the Eliza-The CHARLELARI Of Linden keeps the Gity Mosey, which is lind up in the Chander of London, an Apparentes in Guille-Hall: He allo predicts over the Adhits of Mailers and Apprentices; and markes free of the Giry, 8%. His Office hish but for a Year, being choice assumily on Mediamaner-Days the the Cultum usually obtains, to re-chard the Mediamaner of the Computation of the Computer of the Computer Computer of the C

with any Middemeanor in his Office. Vice. Chambertain. Vice. Chambertain. See Vice. Chambertain. CHAMBRANLE, in Architecture and Joinery, the Border, Frame, or Ornament of Stone or Wood, 187d in the three Sides round Chamber-Doors, large Windows, and

Chimneys. The Chambranie is different in the different Orders: when 'tis plain and without Mouldings, 'ris call'd fimply

and properly, Band, Cafe, or Frame.

The Chambranie confils of three Parts; the two Sides, called Montants, or Ports; and the Top, called the Tra-

called Minimans, or You's 3 and the Top, called the Type, early, or Supervision we ordinary Door, in Sequenty, The Chambranis of Wishow, Window France, of a Chinary, Mandel-Pere Sci Doon, Wishow Mastra, CHAMPER, or CHAMPERT, in Architecture, no-memon conditing of half 3 sories being a kind of final Farrow, or Gatter on a Column, call'd also Scapin, Strie, 65. Soc Striat.

Chamfering, or Chamfraining, is particularly us'd for the cutting of the Edge, or End of any thing a-flope, or bevel. See Baval.

the carrieg of the Congr. or and may suggest services, we CHAMELOT, in Commerce. See Castacor, and CHAMELOT, in Commerce. See Castacor, and Champing and Champing

The Word comes from the French Champ, Field, and parti, divided; the Field, or Thing contelled for, being supposed to be divided between the Champarror, or Man-

supposed to be divided between the Chambarror, or Main-tainer, and the Perlon in whose Right he face.

This feems to have been an antient Grievance; for notwithit noting feveral Statues against it, and a Form of Writ accommodated to 'em, in the Time of Edward, yet in that of Edward III, it was enacted, That whereas edrefs on the former Statute was only to be had in the redrefs on the former feature was only to be had in the Kmg's Bench, which then follow'd the Courr; for the fig-ture it floodd likewife be cognizable by the Juffices of the Common Flete, and Judget of Alfrice. CHAMPION, property fignifice, a Perfon who under-takes a Combat, in the Flace or Quarrel of another: the the Word's 3 allo formetimes and for him who fights in

his own Canfe. Sec Combay.

his own Caule. See Consar. Geratov pro Alio datu: in Elitomana deinote Champier, Geratov pro Alio datu: in Littura de Caule Champier, Geratov pro Alio datu: in situi: Hence it is alio called Cangight. 2Du Cange obberes, that Champiers, in the juft Seale of the Word, were Perfora who fought in lice of thele of the Word, were Perfora who fought in lice of their yet a juft Exect for dipending with it, as being too old, infarm, Exclamiticks, 5%. He sdot, that the Champion were uffacilly resided of hird for for much Money, and were were forced to the control of the control of the control of the transfer of the control of control control of control of control of contro held infomone

There were allo fome Vaffals, who by the Faith and Homage (wore to their Lords, were oblig'd to fight for 'em in cafe of need.

Some Authors hold, any Person was allow'd the Be-nefit of a Champion, excepting Particides, and those ac-cus'd of very helinous Offences.

could of very halouse Officies.

This Caulion of deciding Differences by Combat, was derivd from the North; whence it paid into Germany, and, with the Saxon, imm England, and intefinibly them, and intefinibly the same of the same of the paids of the same of the Judge to authorize the Combat; When the Contract of the Judge to authorize the Combat; When the Cogg, or Fledge, certainty a Clone, or Greater, which being taken up by the Acculer, they were both taken imp faile Caulioty all the Day of Bartel, appointed by the Judge. Geo. Geo.

mous, and deem'd to have committed the Crime imputed to him. Nor were the Accuser and Accused now allow'd

mous, and deem'd so have committed the Crime impand to him. Nor were the Acades and Acades down illusors to him. Nor were the Acades and Acades down illusors to him. Post were the Acades and Acades down illusors to him. Post were deep to the Acades and Acades down in the Effects of the Viraquillusor. It was not the Effects of the Viraquillusor. It was a fine the Acades and the Acades and Acade

Victor.

The Punifirment of the Vanquifild, was that which the Crime merited whereof he was access?: If it were a Capital Crime, the Vanquifild was difarm?, led out of the Field, and immediately exceeted, together with the Party whose Cause he maintaind. If the conquer? Champton longht in the Cause of a Woman, she was barnt. See DUEL.

Dute.

CHAMPTON of the King, is an Officer whole Business is at the Connection of a King of England, to note into 1866miller-Edit, and Cop see, when the King is at Disass, and the single self-min of the single self-min of the single self-min on concing, by a Hentid, "That if any Man fluid deap, of a planty in King's Title on the Cowne, he is care "ready to defend it in single Combat, 26c." Which does, the King drints to behin, fending him a gill Cup wide Cowne, the increase of the King drints to behin, fending him a gill Cup wide Cowne, the Cowne, fail of Wine; which the Champton drints, and last the Cup the fail for Comp to the Cowner, and the

the Cup for his Fee.

This Office, ever fince the Coronation of Richard II.
has been continued in the Family of Dymocke, who held
he Manner of Strevelle's In Intensiblers, Hereditary from
the Family of the Marmions, who had it before, by gend
serjeanty i. s. that the Lord thereof finall be the King¹⁸
Champion, See SENILANTIA.

Hedges. Can Downer

or Hedges. See Downs.
CHABOLD Scapter, popularly call'd SHAMMER, or CHABMY a kind of Leather, either decid in Oil, or taind,
much electrid for its foftrock, piloncy, EC. See LABTHER.
It is prepared from the Okin of the Chansus, a kind of
Raph-Capta, or wild Gost, called air fairs, incheste
the Monattian of Damphum, Sarsoy, Plemans, and the Ty-

ne Dissentance Linguisse, Seroy, Frienast, incl. der Pyrreview.

The Spirity and Wirmsell of the Leather, it
has the Evalty of berring Sooy without damage, which
edden is twy sighted on many Accused, without sery
Peparation: It is also and for the partifying of Moreory;
which is done by yailing it the othe Forces of the Skan,
which is done by yailing it is out force of the Skan,
The tree Chamiff Leather is conventioned with commo Goat, Kul, and even sheep skin, the Puellow of
Committee. The list the other leaf clients, is be realted to the state of the Chamiff Leather in the Chamiff
parties of the Chamiff Leather in the Chamiff
parties of the Chamiff Leather in the Chamiff
parties and the Art Chamiff Leather in the State
The sensor of Chamiff London and Spraying Step,
The sensor of Chamiff London and Spraying Step,

to give the Method of Preparation.

The mounter of Casamerisan, or of preparing Steep,
Gast, or Kiedskins in Citi, to Institution of Casamerisa,
The Skins being walls is, drain'd, and Imaz'd over with
Quick-lime on the flethy fide, are folded in two, lengthwile, the Wool outwards, and laid on Hosps, and is left to
frement cight Days or, if they had been left to dry after

fleaing, 15 Days. Then they are wash'd out, drain'd, and half-dry'd; laid on a wooden Leg, or Horfe, the Wool ftripp d off with a round Staff for the Purpole, and laid in a weak Pit, the Lime whereof had been us'd before, and had loit the great-

Lines whereof had been will befine, and had soit the giested lives of its from cype tackets on an add fet merital as more; then par in merite rhenger. Fir. This does, they are taken out, defined, and pet in signific, by wares; which continue for 6 Weeks in Summer, or three Months in Waiter; at the end subserved they are walled out, also the best of the part of the

themfe ves above the Water.

note higherites men timely the sum of seven as the property of the property of

Home Marie Stein are then extend from the Mill so the Climitity, to be foundly, to be foundly, to be foundly, to be foundly which is done by parting them in a Lisivitan of Wood-Alfae, weeking and besting them as Lisivitan when the Linds of the Climitity of the Control of the The Skins are then return'd from the Mill to the Cha-

CHAMPION or rather CHAMPAIN-Lands, are Linds nor kind of fine Nap. The Difficulty is in feraping them

evenly.

CHANCE, a Term we apply to Events, to denote that they happen without any occellery Caufe. See Cavis.

Our Aim is, to affeithe thoir Things to Chance, which are not occellarily produced as the Natural Effects of any proper Caufe is but our Ignorance and Precipitancy load us attribute Effects to Chance, which have a necessary and

determinate Carlo decreminant Cuid. When we fly a Thing happens by Chance, we really mean so more, than that its Guife is subscose to us it out as four, whise imagine, that Cause it said can be the large that the control of the contro

Foam at the Month of a Morfe he had painted, turned his Sponge in Defigit at the Flore, and, by Cleaner, did has abisch he could not before do by Defigo, it an emitted lattace of the Feore of Chence: \(\text{c}_1 \), in solvious, all we do the history of the filled; as that he did not throw the Sponge with first his View: so but that he acknowled; did every thing or-ceility so produce the Effect; informach, that confidering the Direction wherein he three he Sponge, registed with ins Form, specifick Gravity, the Colours wherewith it was fromer'd, and the Diffance of the Hand from the Piece, it meer'd, and the Distance of the Hand from the Piece, it thould not follow.

finoid for follow.

Clause is frequently perfously 'd, and erected into a chimerical Beileg, whom we conceive as afting arbitr rily, and to the conceive as afting arbitr rily, and to us; in which 5 mil, rite Word coincides with the 'mys. Ferranse of the Anticeus. See Fortunat.

CHANCE is allow-formsounded with Ferr, and 'Defliger. See Fart, and Darsiny is fee also 'Naturals, Con. 65.

CHANCE is also wife for the manner of deciding Things,

CHANCE is also us'd for the manner or occasing a mage, the Conduct or Direction whereof, is left at large, and not the Conduct or Direction whereor, is left at large, and not reducible to any determinate Rules or Measures; or where there is no ground for preference, as at Cards. Dice. Lot-

there is no ground for preference, as at Carlo, Dice, Let-teries, 42.

Letters, 43.

Letters, 45.

is was in questions who froucid that Judo's Parce in the Alpe-Haces allow order the forest Settlemen or Michael Germanian (Thing) among the surious Chriffithm, by open-decrementally Things among the surious Chriffithm, by open-decrementally the surious properties of the Michael Christian Settlement of the Settlement of the Settlement of the Settlement of Settlemen

without any evil Intent.

without say will laisent.

Szemmfer Colls it, Husinish by Mifadorenture: Willcalls it Husinish murd'a, and frys, it is alree the Killer's

Particular of the Minester of the Colls of the Colls of the

Storing of the Special Colls of the Colls of the

Storing of Man Special Partee by the Highway, and a Bought

Lilling Chance to kill a Falfenger; the Farry here offends

to not having princip Trees by the Highway, and a Bought

Lilling Colls of the Colls of School, between

the Martin of Communities (Dec. and the Binderland; or

Rails that include it; where the Minester to part of at the

Collections of the Communities. Soc current, Conservation.

Cichestrio of the Communion. So: CHUNGE, CORGENTION, ALTAR, SC: AL See Norany, Sc.

Nanda fays, it was the Emperor himfelf who fat and ren-der'd Juffee within the Lattice; the Chanceller attending

shedy jufice within the Latines, the Chenelles strending at the Door throne, whence he took his Tille.

Others fay, he had it from this, that all Letters, Addredits, Pattienne, Ger, on the King, letting find examined, better, Carten, and Warranss coming from the King, were examined and careful by him. Others, because he exceeded and aread the careful of the Controller o

the Person who bears it with us, is the Lord High Chancellon of England, the first Person of the Realm, next after the King and Princes of the Blood, in all Civil Affairs. He is the chief Administrator of Jul-

tice next the Sovereign; being the Judge of the Court of

ties next the Sovereign i Neug the Judge of the Court of Cannery, Sec Cassetax, and the Part of the Court of Cannery, Sec Cassetax, and the Part of the Casset All other Jufferes are syld to the third Law, but the Chancillow has the Kingl i sholicat Poere to moderate the Canner of the Cassetax, and the Cassetax of the Cassetax of the the Law of Nature and Confesses, and to coder all things formation ayoung the Fourm. Accordingly, Commford 1-19, the Chancillow has two Powers, the care Abdotact, the other want of the Cassetax of the Cassetax of the Cassetax was the Cassetax of the Cassetax of the Cassetax of the Cassetax was the Cassetax of the Cassetax of the Cassetax of the Cassetax was the Cassetax of the Cassetax of the Cassetax of the Cassetax was the Cassetax of the Ca

yet in his abbolute Fower he is not limited by any written Law, but by Conficience and Equity. Soc Equity. The Offices of Lord Chanceller and Lord Keeper, are by the Sature of Flux, made the lame thing, till that time they were different; and frequently flabilited at the lame Time in different Perfors: Sometimes the Lord Chancelter had a Vice-Chanceller, who was Keeper of the Scal.

See Austran.

See Austran.

Be and Consolidation of the Technique magnifying the Lord Consolidation of the Consoli

profes'd Lawyer, as antiently it commonly was has twelve Affiltants, or Condutors, antiently call'd Cle-rici, as being in Holy Orders, now Masters in Chancery, the first whereof is the Master of the Rolls. See Master

the first whereof is the Majter of the Kais. Due Dabaren of the Relli, Masters in Chemery, Ke.

Charcheof of a Cathedral, is the Judge of the Bi-shop's Court, beld in the Cathedral of each Diocel. See
Beshop's Court, and Cathedral of each Diocel. See

He was autiently call'd Ecclefiaftions, and Epiftopi Ec-dions, the Church-Lawyer. See Ecclesiasticus, Advo-CATE, &c.
In the Monaftices his Office is thus described, via to

hear the Leffons and Lectures read in the Church, either by himfelf or his Vicar; to correct and fet right the Reader by hindir for his Viers; as covered and for sight the Reader when he reads aminy to infight Schools, to here Cudica, apply the Seal, write and different the Letters of the Chappage of the Seal and the

best beaunt. He is always in commission with the Loru Treasurer for letting Lands accruing to the Crown by Diffo-lution of Abbeys, and otherwise: He has Power, with others, to compound for Forseitures on Penal Statutes,

others, to compound for Forfeitures on Penal Statutes, Bonds, and Recognizance cancel into by the King, He has a great Authority in managing the Royal Revune, and in Matters of Firls Frentis. See Raywatta. The Court of Rojuly, in the Exchequer Chamber, is held before the Lord Treafurer, Chemeciler, and Barons, as that of Common Law before the Barons only. See Bathat of Common Law before the Barons only. See Bathat of Common Law before the Barons only.

CHANGELLOR of an University, is he who Seals the Di-plomas or Letters of Degrees, Provision, &c. given in the University. See University. The Chancellar of Oxford is their Chief Magistrate,

elected by the Students themselves: His Office is durante Fits, to govern the University, preferre and defend its Rights and Privileges, convoke Attemblies, and do Julice and the Members under his Jurisdiction.

Under the Chancellor is the Vice-Chanceller, who is chosen

annually; being nominated by the Chancellor, and elected by the University in Conversion. His Business is to sup-ply the Chancellor's Absence.

ply the Canactule's Ablence.

At his Earnise upon his Office, he chules four fron Fig.

Characture's, our of the Heads of Colleges, to one of whom he departs his Power in his shiftence.

The Characture of Cambridge, is less that eligible the English the Earn with that of Office As only the does not hold his Office.

The Characture of Cambridge, his less not hold his Office.

Attract Fig., but may be elected every three Years.

The less much that a Commisting, who hold is Court of the Characture's and the Cha

under the Degree of Maisters of Arts.
The Fire Consensition of Coult Voga is chefien annually by
the Seriace, out of two Perfoss nominated by the Hiesdes'
CHANCELEAN of the Charter of the Carter, and other
Military Orders, is an Office who feats the Committee.
Military Orders, is an Office who feats the Committee,
and Mandates of the Chapter and Affinehy of the Kinghas,
keeps the Register of their Deliberations, and deliver
CHANCELEW William of Chapter and Order, See Gara ran effect
CHANCELEW William of Chapter and Order, See Gara ran effect
CHANCELEW William of Chapter and Order, See Gara ran effect
CHANCELEW William of Chapter Chapter Chapter of the Chapter and Chapter Chapter of the Chapter and Chapter See Gara ran effect
CHANCELEW William of Chapter Chapter Chapter of the Chapter and Chapter Chapter of the Chapter and Chapter Chapter of the Chapter and Chapter of the C

Ach theorof under the Seal of the Order. See Garters, 56c CHANCERY, the grand Court of Equity and Confidence, Inditiated to moderate the Rigour of the other Courts, that are ryld to the flirid Letter of the Law. See Court, Law, and Eggirv. The Judge of this Court is the Lord High Chemeeller, whole Function for under Court negative Ordinary, 18th. The Proceedings of this Court are clifts true, and Cof-

The Proceedings of this Court are civiter Ordinary, like other Courts, according to the Laws, Statues, and Code tons of the Nation, and In Learn, by granting out With Remediat and Mandrew, With as Clear, Ce, ice Ways, Ce and in English, Department of the Code of the Cod

Out of the Court of Lesserry, are sha'd Writs or Summons's for Parliaments and Convocations, Ediks, Proclamations, Charters, Protections, Patents, Safe Conducts, Writs of Moderata, Mijericordia, Scc. See Walt, Summons, Convocation, Edict, Proclamaton, Charten TER, ESC.

THE, US.
Here are also feal'd and enroll'd Letters Fatent, Treaties and Leagues, Deeds, Writs, Commissions, US. See PATHEN, DEED, US.
The Officers of this Court, beside the Lord Chanceller, who, who is supreme Judge, ere, the Mester of the Reits, who, in the Chanceller's Absence, heart Caules and gives Orders. and twelve Maflers of Chancery, who are Affiftants, and fit by turns on the Bench; for Masters, &c.

For the English Part of this Court are Six Clerks, who

have each under him about fifteen more, in the Nature of Artorneys of the Court : Two chief Examiners, for examining Witneffes, who have each five or fix Cierks apiece: One principal Register, who has four or five Deputies : Clerk of the Crown, who makes Write, Commissions, &c. Marden of the Fleet: Serjeant at Arms, Community, the Marchen of the Fleet: Serjeant at Arms, who bears the Macc before the Chancellor; and the Ulber and Crier of the Court. See Six Clerks, Register, Warden, Ser-

Make between the Consensory and the degree rose treat we share the Consensor State Research, Warrish Sair To the Latin Part belong the eventy four Conffers, and their Cesta, who take on mightan Wars, Garley of the Article Conference on the Conference of the Confer

changes Money for Gold or Silver Bailion, See Misr.

Menoy-Condo Cold or Silver Bailion, See Misr.

Menoy-Cold or Silver Bailion, See Misr.

Menoy-Cold or Silver Bailion, See Misr.

Changes, Francis of Monico, See Bailion, See

Supposo

Connels two Quantities a and b. Since they may b Suppose two Quantities a and b. Since they may be either wrote a b or b a a its evident their Changes are a a a. 1. Suppose the Quantities a b a: their Changes a b b will be as in the Margin a is a vident by combining a a b a fit with a b, thou with b a; and become the Num-

as a man on the men everyone in a recoverage combinating of the best of Congregation (e.g., 1 = 6.6. If the Quantum into be 4, each may be combined flour wash with the flour combined flour wash with the flour combined flour washing the formed by a flow of a field with the flour combined flour washing the flour flour washing the flour flour washing the flour fl

eleter is will beget five Changes, whence the Number of

tites, it will bege five Changes, whence the Namber of althe Clienger will be $\phi = 0.5$, $\phi \ge 1$, $\phi \ge 1$. Hence Canger will be $\phi = 0.5$, $\phi \ge 1$, $\phi \ge 1$. Hence Canger will be $\phi = 0.5$ and $\phi \ge 1$. Hence Canger will be $\phi = 0.5$ and $\phi \ge 1$. Hence $\phi = 0.5$ and $\phi \ge 1$. Hence $\phi = 0.5$ and $\phi \ge 1$ and $\phi \ge 1$. Hence $\phi = 0.5$ and $\phi \ge 1$ and $\phi \ge 1$. Hence $\phi = 0.5$ and $\phi \ge 1$ and $\phi \ge 1$. Hence $\phi = 0.5$ and $\phi \ge 1$ and $\phi \ge 1$. Hence $\phi = 0.5$ and $\phi \ge 1$ and $\phi \ge 1$. Hence $\phi = 0.5$ and $\phi \ge 1$ an thus a subtraction of Unity from n and m leave of factor the fame manner we may proceed further, till putting n for the Number of Quantities, and l, m, r, &c. for the Number that shows how oft any of them is repeated, we -4.1-5.850

Su pole, for Inflance, n=6, l=3, r=0. The Number of Change; will be (6. 5. 4 3. 2. 1) : 3. 2. 1. 3 2 1)=(6.

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m a	· amo	115 0 T B		60m
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	rome		0 T & 118	7 6 70
0 222 6	0 7 77 4	T 22 5 0	0 4 7 78	57 25
202 O A	omra	mrso	0 4 22 7	smr.
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			7 2 0 22	

The Anagums therefore of the World Zhore, is the La-ter of the World Zhore, is the Later of the World Zhore of the Whether this now Mechod of Anagrammatizing be like to gove of much force to that rat, is left to the Poets. CHANNEL, in Anatomy, Changery, 65. See Casta. CHANNEL, and out for others Anno of the See, where the Water runs within the Land; as also for central nuc-netic states of the Change of the Change of the Hardward Change of the C

CHANNEL, in Building. See Guyter, Pipe, Prumbe-

CHANNEL in particularly us'd in Architecture, for a Part CHANNEL is particularly us'd in Architecture, for a Part of the Fuse Capital, a little bollow'd, in form of a Causal; lying under the Abacus, and running the whole length of the Circumvolution of the Volate; includ by a Little. See CHANNEL of the Larmier, is the Soffit of a Cornice; which

GRANNILOF the Lermier, is the Soffie of a Comice, which makes the pendant Admebters. See Larantages, and Sorper. Channel of the Foliate, in the Bone Capital, is the Face of its Circanvolution; in incl. of by a Lifted. See Volume. CHANNELINGS. See Evuryano. CHANT, or CHAUNT. See Sono.

CHANT, Gratter, is particularly and for the Vocal Muchary. fick of Churches.

nic of Charches.

In Charch Hillory we meet with divers Kinds of Chart,
In Charch Hillory we meet with divers Kinds of Chart,
or Song: The first is the Analysisms, clashistic by St.
The fecond the Gregorian Cheat, introduced by Pope
Gregory the Great, who clashistic Schools of Chauteri,
and corrected the Charch Song.
This is fill trained in the Charch under the Name of

Plain Song : At first it was call'd the Roman So The Plain, or Gregorian Chans, is where the Choir and the People fing in Unifon, or all together is the fame man-ner. See Gardonian Chans.

CHANTLATE, in Building, a piece of Wood faffen'd near the Ends of the Rafters, and projecting beyond the

Wall, to support two or three Rows of Tiles, to placed to receive the Rain Water from rickling down the Nides the Wall

of the Wall.

CHANTER, or CHAUNTOR, a Person who fings in
the Choir of a Cathedral. See Chorn, See.

All great Chapters have Chauters and Chaptains to eafe
and affilit the Carnes, and officiate in their Absence. See

CHAPTER, CANON, Ec.

St. Grapers frit initrated the Office of Chapters, erecting them into a Body, call'd Schola Contorum : the Aug-

ing them into a Body, call'd Schola Contorum: the Aus-figlius feems to attribute their Rife to Pope Hilary, who liv'd an hundred Years before Gregory.

But the Word grows obfolers in this Senfo, and inflead proof we ale the Word Charifter, or Singing Man. See

Constant CHANTOR is us'd, by way of Excellence, for the Pre-

erenter, or Malter of the Choir; which is one of the nnt Dignities of the Chapter.

The Chapter bears the Cope and the Staff at folema Feithvals; and gives Tune to the reft at the beginning of Plalms and Antherns. See Passerson.

The Assients call'd the Chanter Premierrist. See Pas-

acre in

To him formerly belong'd the Direction of the Deacons, and other infer or Manifers.

and other mercor numbers.

CHANTRY, a Chapel endow'd for the maintaining a
Priofi, or Priofis, to fing Mask for the Souls of the FoundersCHAOLOGY, the History or Description of the Chaos.

Orphons, in his Cheelegy, fees forth the different Altera-tions. Secretions, and divers Forms Matter, went through became inhabitable which amounts to the fame with what we otherwise call Cosmogony. See Cosmoconv.

Dr. Burnet likewise gives us a Chadery, in his Theo

Dr. Burnet likewife gives us a Chology, in his Theory of the Earth. He reprecents the Choos, as it was at fitty, eating wideled, and univerfully rade, and deformed or the Tokas Behav. then show it came divided into its university rate. ther'd it felf apart from all of a contrary Principle; and laftly, how it harden'd and became a folid habitable Globe. See ELEMENT.

CHAOS, among the antient Philosophers, was deferfed a dark, turbulent Atmosphere; or a disorderly System, or Mixture of all form of Particles together, without any Form or Regularity; out of which the World was form d See WORLD.

Class: is every where represented as thefirst Principle, Oram, or Seed of Nature and the World. All the antient Sophists, Sages, Naturalists, Philosophers, Theologues, and Poets, hold that Class was the Eldest and First Principle, ri Again 209.

vi hgdin 26F.
The Barbariaus, Phemiciaus, Egypticus, Perstaus, &c.
all refer the Origin of the World to a rade, mix'd, confus'd
Maft of Matter. The Greeks, Orpheus, Hessa, Messa, der
der, Aristopheuse, Europheus, and the Witters of Cyclic
Forms, speak of the first Chase: The Ionic, and Platente
Philosopheus build the World out of it. The Sinter hold. that as the World was first made of a Choos, it shall at lait be reduced to a Chass; and that all its Periods and Revo-lations in the meantime, are only Transitions from one Classi to another. Laftly, the Latint, as Fraint, Varra, Ovid, Limereius, Statius, Sc. are all of the fame Opinion. Nor is there any Self or Nation whatever, that does not derive their Aussissant, the Structure of their World, from a

The Opinion scote among the Barbarians, whence it forced to the Greeks, and from the Greeks to the Romans and other Nations.

Dr. Burner observes, that befides Ariflotte and a few other Dr. Simui obleven, has brilles Arijitut and a forewher gleinde-Pringerane, no body ever affect, that our Wold-was always, from Etensity, of the finne Nature, Foren, and Organize of the Work of the Company of the Company Organize of the Wille Mon of all Ages, that what we sow call the Terrefitti Globe, was an uninformed, indigetted Mad of becropposed Merce, call'd Cherry and an once il the company of the Company of the Company of the I does not appear who fairly broaded the Neuron of a Company of the Company of the Company of the Company of his World, from a Confision of Matree, darty, volid, deep, withous form, which he call of 100 or bloom plant in

deep, without form, which he calls Yolu Bolus; which is precificly the Choss of the Greek and Berbarier Philosophers. And hence, possibly, might those Philosophers de-rive their Choss, with force Alteration and Interpolation. Most goes no further than the Choss; nor tells us whence it sook its Origin, or whence its confision Sectors, and

whence it took in Origin, or whence its conhaid Serie's and Whene Might Boys, there, precifely, do all the relt. See Arise. Dr. Braner endectors to thew, that is the smittent Pain of the See Arise. The Braner endectors to the series of the See Arise. The See Arise of the Arise of the See Arise of the See Arise of the See Arise of the Arise of the See Arise of the Arise

Mr. Wilfon Inprofes the antient Chass, the Origin of our Earth, to have been the Atmosphere of a Comety, which, the new, yet, all things confidered, is not an improbable Affirmion. He cadeavours to make it out by many Arguments, drawn from the Agreement which appears to be hetween them.

to be hetween them.

So that, secording to him, every Pianet is a Comet, form'd into a regular and latting Confittution; and piac'd at a proper Diffance from the Sun, revolving in a nearly circular Orbir: and a Comet is a Planet either beginning to be defray'd, or re-made; that is, a Chaes or Planet un em'd, or in its primæval State, and plac'd, as yet, in an

Orbit very occentrics. See Comer.

CHAPEAU, or CHAPFEAU, Hat, in Hersldry, is us'd
as a Mark of Ecclessation Dignity, especially of that of
Cordinals, which is call'd absolutely the red Chapeau.

Curronals, which is call'd absolutely the red Chapeau. It is flar, and very parrow atop, but boad-brind, adored with long filten Strings interfaced; inspended from within with five Rows of Taffels, call'd by the Italians Feet, increasing in Number as they come lower. The Hat was given them by Innecent IV. in 1250, but was not acid in Americal III. by V. and in Arms till the Year 1300. See Cardinal.

Till that time, the Cardinals were reprefented with Mi-

Till that time, the Cardinals were reprefered with Mar-Ses Marsa of Partiaches here the green Hat, with four Partial Partial Partial Partial Partial Partial Partial Rose of Taffelts, Billiops wers it of the fame Colour with tree; Abbons and Apublical Proconcentries with two. The Coloron word over the Shield by way of Cert, Cardrana is fermitten at 10 art 20 at a Mark of Secular Dignity, particularly five the Cap, or Cornoca arm of with Emmit, hore by Duke; Qf. See Goosever.

somer's percentagy for the cuty of Coroner and with The Cell is born on the Cologous, and by the Chapter the Cell and Cost are figured; it being a Rule, that no Cell mult took the Shield inmediately, See Carty-Circ.

The cost of the Cologous and the Cologous and the Cell and Cost are figured; it being a Rule, that no Cell mult took the Shield inmediately, See Carty-Circ.

The Cost of the Cologous and Cologous and Cologous and Cologous are my Kinds of particular, the other decision, the Cologous and the Co

who relide far off. They are ferv'd by fome inferior Curate, provided either by the Rector of the Parish, or by those for whose Ease

by the Rector of the Farith, or by those was and Benefit they are intended.

The fecond Kind are frequently built in, or adjoining to a Church, as a Fart thereof; having only a Deik, &c. to read Prayers in; and, in the Remife Churches, an Aisa; &c. to celebrate Mas on: but without any Baptillery, or

These the Canonills call Sub Tello. They are generally erected by some considerable Person, for the Use of their own Families; Us ibidem Familiaria Sepulchra sibi con-

The twenty first Canon of the Council of Agds, held in 506, allows private Persons the 10 of Chapter 1 but with Prohibition to all Cleeks to officiate in them without leave from the Bishop.

From the Lincop.

Free Chartest, are those Chapels of East which have a fettled Revenue for perperual Maintenance of the Carate, Ec. by chartable Donastives of Lands, or Rents beflowd on 'em; to as not to be any Charge either to the Rector, or the Parishioners.

There are feveral Collegiate Churches in France, which they call Saintes Chafelles, Holy Chapels; as those of Paris, Dijan, Bourges, Bourbon, &c. to call'd, by reason there are Relicks in them. See Chaplain.

The Martin, Rainings, Statistics, Co., In Calla, Of Young, The World Capital, exceeding to Gene, comes from the Greb consus, little Tenn, or Borths, fet up by Traders in Greb consus, little Tenn, or Borths, fet up by Traders in tech from the Chest, and Latin, quality and concept the Capital Capital Son, or, papillatus vel landow: Othern derive it from the Chapte, or Capital Capital Son, and the Capital Capital Capital Son, and the Capital Capi

Knights of the CHAPEL, was an Order of Knights infli-tuted by King Heary VIII. in his Tellament, to the Number of 13; the these have been fince increased to the Number of 26, call'd alfo Poor Knights.

Number of \$6, call'd 416 Year Knight;
They are not really Knights of the Order of the Garter,
but are, as it were, their Affiliants or Deputies, ferving to
dicherge all their Offices in the Fancral Services of the
Kings of England. See Gaavera.
They are fullyed to the Office of the Canons of Window,
and live on Fenfons which the Order affigns them. They bear the bias or red Cloke, with the Arms of St. George on the left Shoulder; but the Cloke is only Cloth, and they wear no Garter: which diffinguishes them from the Knights of the Garter.

the Kaighas of the Garter.

CHAPERON, CHAPERONNE, or CHAPEROON, properly ignifies a first of Hood, or Covering of the Head, the Chaperon of the Head, the Chaperon of the Head, the Chaperon of the Head, the Populace, and active end particularly affiched to the Dodes: and Liconaistes in Colleges, Eff.

Hence, the Name plid'd to create listed Shields, and Hence, the Same plid'd to create listed Shields, and February and Chaperon of the Chaperon

State.

CHAPITERS, in Law, were antiently a Summary, or
Content of fach Matters as are to be inquir'd of, or pre-ferned before Juffices in Eyre, Juffices of Affice, or of
Peace, in their Seffions.

Peace, in their Settless.

Conferent are some the plants with his Charge to the part of th

to answer specific thereby the control of the control of a Chaptan or who dikharges the Offices thereof. See Chaptan is allo used for an Eccleficatical Perfor, in the Houle of a Prince, or a Perfon of Quality, who officiates

Houle of a Prince, or a Person of Quality, who officiate in their Chaptyl, Sec.

There are 48 Chaptains to the King, who wait four each Month, practs in the Chaptyl, read the Service to the Family, and to the King in his private Oratory, and Say Grace in the Absence of the Cerk of the Cooler. While in waiting, they have a Table and Attendance,

The first Chaptains are faid to have been those instituted The first Chaplains see Isld to have been those infiliated by the former Kings of France, so preferving the Chapte, or Capte, with the other Relicks of St. Mariin, which the Kings kept in their Falsec, and carryd out with them to War. The first Chaplain is Isld to be Gul. de Mejmes, Chaplain to S. Louis.

Antiently, the King's Almoners were call'd Chaptains. See ALMONER.

CHAPLAIN in the Order of Malta, is us'd for the fe-cond Rank, or Clafs, in that Order; otherwife call'd Diaco. The Knight make the first Clafs, and the Chaplains the fecood. See Marta.

fecood. See MALTA.

CHAPLAIN of the Pape, are the Auditors, or Judges of
Caufes in the facred Palace; to call'd, because the Pope
antiently gave Audience in his Chapte, to judge of Cales
fent from the feveral Parts of Christendom.

ers of his Time, who hence acquir'd the Appellation of appellani, Chaptains.

Capellani, Chaplaini.

"Tis from the Decrees formerly given by these, that the
Body of Electristal is composed: Their Number Pope Size1955 IV. reduced to twelve. See Dicertal.

If it be true, that the Word Chaplain was first applyed
to those who preserved St. Martin's Chape, as above, the

If it be true, that me word Cooplain was unt apply a to those who preserved St. Martins Chapte, as above, the Ward must be derived from Capte, Chapte; not Captella, of Captella, or Captella, a Cale, as others imagine. Some say, the Shrines of Relicks were covered with a kind of Fart, Capte, or Captella, i. e. little Cape; and that hence the Priests who had the Care of them, were called

nence use a results who had the Care of them, were call'd Chapsleins. In time, their Relicks were reposited in a little Church, either contiguous to a larger, or separate from it; and the same Name, Capella, which was given the Cover, was also given to the Piace where it was lodg'd: and hence, the Priest who look'd to it came to be call'd Chabslin. See Cays.

lodgd: and hence, the Friest who look d to it came to be call d'Ébajain. Sec Copr.

CHAPLET, a String of Beads, us'd in the Remijb Church, to keep account of the Number of Pater. Nofers, and New Mary! to be reheared in Honour of God and the

Holy Virgin.

Chaplets are otherwise call'd Pater-Nosters. There are
Chaplets of Coral, of Diamonds, of Callumbou, of Wood
from St. Lucia, Sc.

A Refere is a Chatlet of Siscen Donade of Ann. Marris Menage derives the Origin of the Word from the Ro

Assurge cenves the Origin of the word from the Re-femblance the Thing bears to a Hat, Chaptens; which is call'd by the Hallant and modern Latini Catallina : the

first more frequently call it Corona.

Larrey and P. Viret ascribe the first Invention of the Chablet to Peter the Hormit, well known in the History of the Croifides

the Confider.

There is a Chapter of our Saviour, confilting of 23 Beads, in honour of his 23 Years living on Earth, inflicated by P. Micheelt, the Commelation.

The Oriential have a kind of Chapters, which they call Chairs, and which they use in their Prayers, rehearing one of the Perfections of God on each Link, or Bead. The Great Month is faid to have eighteen of these Chains, all nections Stones: fome Diamonds, others Rubies, Pearls, 856.

precious Stenea j. Gene Diamondo, others Rashies, Feart, &f.e.
The Yarks have ilkewife Chypter, which city be rine
the Hand, or hang at the Große: Bas, F. Zhandan ofKerve, they differ from those sed by the Ramargit, in
Diffinction into Decada; tho they condit of fix Decada, and
the Chypter of the Chypter of the Chypter of the Chypter
of the Chypter, the Protects being extremely flower, having
only the Chypter, Profit for Gol, as the fix of Gold,
which Works, Profit for Gol, as the fix of Gold,

for each Board

for each Bead.

Befider the common Chapelet, they have likewife a larger one, confliting of 100 Beads, which has fome Diffinition, being divided by little Threads into three Para, on one of which they repeat thirty times Southean Intak, i.e. God is to be prayfed; on another, Ellema Intak, Glary to Gad; and on the third, Alle selver, God of Great. Thefo toos; and on the third, Mid cover, God is Great. Thele rhrice 30 times making only 90; to complete the Number 100, they add a Number of other Prayers for the Beginning of the Chapter.

of the Chapter.

He adds, that the Mahametan Chapelet appears to have had its rife from the Mea beracash, or hundred Benedictions; had its rife from the Mas bereasth, or hundred Eucodelitous 2, which the Yeart are obliged to repeat eably, and which we find in their Peayer-Books: The Years and Mashametans having this in common, that they leaves do any thing with-out protouncing fome Land, or Benedelbon.

Charley, in Architecture, is a little Ornament cut or carv'd intoround Beads, Pearls, Olives, and Pater-Nothers a

as is frequently done in Enquettes as is frequently doos in Esquetter.

A Chesfer, in effect, is little elib but a Esquette enrich'd with Sculpture. See Bauurtz.

CHAPPAR, a Courier of the King of Perifis, who carries Dispatches from Court to the Provinces, and from

the Provinces to Court. See Country the Provinces to Court. See Courtes.
The Poils, M. Furrenter tells us, are not effablished and regulated in Persits as among us: When the Court fends on a Chappar, the Sophir Master of the Horse furnishes him with a single Horse, how long fower his Journey be, and a Main to uns after him: when his Horse is westly, he takes that of the first Horseman he meets with, who

dates not make the least Refusal, and fends his own home by the Man who follows him.

For the Mafter of the new Herfs he has niken, he main, a rat leaff and size the Chapper por seaks him, when a real real field of the Chapper of the size of the Chapper of

different Colour from the reit. Macket

different Colour from the reit. Mathemay calls it, A Chief Party ter bend dexter, or finifer, or both. See Chappea, or Chaptau. CHAPPEL, or CHAPEL. See Chapte. CHAPPEL, cativilum, a Community of Ecclefiafticks, who ferve a Cathedral or Collegiate Church. See Cathes-

The Chief, or Head of the Chapter, is the Dean: The Body conflits of Canons, or Prebendaries, &c. See Duan;

Body confifts of Canons, or Prebenderies, &c. Sec Drans, for allo Canons, and Frankinan.

The Chapter has now no longer any Share in the Administration of the Diocefs, during the Life of the Bifthop; but facecast to the whole Epistopal Jurisliftion during the Vacancy of the Sec.

The Orderio of Chapters is during from home above the

The Origin of Chapters is deriv'd from hence, that an-tiently the Bifhops had their Clergy refiding with them in their Cathedrals, to affift them in the Performance of Sarred Offices, and in the Government of the Charch; and owered traces, and in the Coverminent or the Charles; see fill a Bedy ref. Charl with comme to with the Bibliop, and were indeed his Family, maintained out of his lacome. After the Monatific Life gree into requell, many Bi-floye hole Monks rather than Soculars. The Bibliop, either of Monatike or Seculars, had the one Utriviage of cinding the Bibliop, and being list Goma-il, which the whole Chirgy of the Disorch had before to

But, by degrees, their Dependance on the Bifhop grow lefs and lefs; and then they had diffined Parceis of the Bi-thon's Eitere affiged them for their Maintenance; till at liner's the R then had listle more left than the Power of all , the Billiop and little

On the other hand, these Catitular Bodies by degrees of the other hind, their Capitular Bodies by degrees
also loft their Privileges; puricularly that of chusing the
Bishop, for which the Kings of England had a long thruggic with the Pope; but at left Hours VIII, not this Power

welfed in the Crown; and now the Deans and Chasters have only the Shadow of it

have only the Suadow of it.

The fame Pines likewise expelled the Monks from the
Cathedrals, and placed Secular Canons in their room; which
the thus regulated, are called "Dearn and Chapters of the
new Fomodetien's, fach are Contentury, Wardelfer, Worceller, "By, Carible, Turkson, Recbeffer, and Novasch's
the allo are the Chepters of the bour new Sec. of Peterlich allo are the Chepters of the bour new Sec. of Peter-

and also are the Conference the four new Sees, of Peter-erosogic, Onford, Glicofferr, and Eryfled. See Draw. Chartan, is allowed for the Affemblies held by Reli-journal Milliary Orders, for deliberating on their Affairs, and regulating their Dilippine.

and regulating their Dilitipline.

Papies fays, they are to call'd, quad Cajitula ibi Lyantur.

The Effichilimment of General Chapters of Religious
Orders, is owing to the Ciffercient, who held the first in
1116, and were foon follow'd by the other Orders.

CHAPTER is also and for a Division of a Book; con-

He said with one most of your enter threats, con-rived for keeping Marter more clear and dilitable.

The Antenn were uncopasited with the Division of was given in, under the said of the control of the con-sent given in, under the said of the control of the con-cept and the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of Electric of the control of the con-trol of the con-trol of the control of the con-trol of the c These make the three Chatters - which have been fines endemn'd by various Councils and many Poors.

CHAPTREL. See IMPORT CHAPTERL See Invoir.

CHARACTER, or CARACTER, in its general Senfe, fignifies a Mark, or Figure drawn on Paper, Metal, Stone, or other Matter, with a Pen, Graver, Chilfiel, or other naffarment, to fignify, or denote any thing.

The Word is Greek, research, form d from the Verb research.

The various Kinds of Charatters may be reduc'd to three Heads, viicalient, see Englands of Charatters may be reduc'd to three Heads, viz. Literal Charatters, Numeral Charatters, 20d Abbreviations. LITERAL CHARACTER, is a Letter of the Alphabet, ferv-

lig to indicate fome arrealate Sound, exprelive of fome ldea, or Conception of the Mind. See Alphaber. These may be divided, with regard to their Nature and Use, into Nomenal, Rest, and Emblematical. Nominal Characters are those we properly call Letters; which serve to experts the Names of Things. See LETTER.

which here to expect the Names of Things. Sec. LYPTER.
Real CHRARACTER, are those that indiced of Names,
expects Things, and Ideas. See Dura, 15c.
Emblementage of problemed Dana Acressa, have this in
common with real ones, that they expects the Things
themselves a between the two therefore the Things
themselves a between the two the Things
themselves a between the two the two the Things
themselves a between the two the two the Things
themselves a between the Things
themselves the Things
the GLYFHIC

Lateral Charafters may be again divided, with regard to their Invention and Ufe, into Particular and General. Particular Characters, are those peculiar to this, or that Nation; or that have been for Such are Roman, Hale, Greek, Hebrew, Arabic, Gatine, Crimefe, &c. Charaffers. See Roman, Italic, Gazze, Hebrew, Gornic, Chi-

NUM, UT.

Through Canacettas, see allo resi Cherollers, and
make what from Authors cells i Philifophiral Language.

The comparison of the Cherollers of the Cherollers of the
Advancement of Learning is no remove this, forward her
Advancement of Learning is no remove this, forward has
then have taken encoding to report him of Cherollers

then the taken encoding to report him of Cherollers

read in his teas Language. The Cherollers here to be

Real, not Nominiati to expect firming, and Notiony,

not, at the common ence, Letters, or South: yet to be

more, like Leerns, and Advincery, so ten Emberstrick, like NESE, EC.

Hieroglyphics.

Hierographics.
Thus, every one should retain their own Language, yet every one understand that of each other, without learning it; only by secing a Real or Universal Charaster, which should signify the since to all People is by what Sounds sower each express it in his particular Idiom. For Instance, by seeing

the Character defin'd to figuify to drink, an English-man flouid read to drink; a Freuchman beire; a Latin bibere; a Greek man, a Jow 1926; a German triveken; and so of the rest: In the fame manner as seeing a Hotse each People expresses it after their own manner; but all

mean the fame Animal.

This Real Caracter is no Chimera; the Chimqû and

fifpaquic have already formewhat tike it. They have a
common Cheraffer, which each of the Nations undercommon Cheraffer, which each of the Nations undercommon Cheraffer, which each of the Nations undertone of the national control of the Nations and the National Control

and the National Control of the National Control

The first, and mod confiderable Attempts for a Real

Cheraffer, or Flitchighethal Language to Erzerie, as subsettly

of Billium Philans, and Dubgrane: But their, with how

good the National Control of the National Control

Billium Philans, and Dubgrane: But their, with how

good the National Control of the National Control

Billium Philans, and Dubgrane: But their, with how

good the National Control of the National Control

Billium Philans, and Dubgrane: But their, with how

good the National Control

Billium Philans, and Dubgrane But their, with how

good the National Control

Billium Philans, and Dubgrane But their Control

Billium Philans, and Billium Philans,

feethal.

M. Leibnits had some Thoughts the same way; he thinks those great Men did not hit the right Method.

Twas probable, indeed, that by their means, People, who don't understand one another, might easily have a Commerce don't understand one another, might enfly have a Commerce together; but they have 'th ton truer, Real Cherafferi. According to him, the Cheraffers should refemble those u'd in Algobra; which, in effect, are very simple, yet ve-ry expressive; without any thing superfluous or equivocal; and contain all the Varieties reasonable.

The Real Character of Bifthop Wilkins has its real Ap-laufe: Dr. Hook recommends it on his own Knowledge and Experience, as a most excellent Scheme; and to cu-

page the World to the Study thereof, publishes four fine inventions of his own therein.

M. Erdnerts sels we, he had under Confidentian an Marcharts sels we, he had under Confidentian and the Confidential Language, and his own Schurter in a new Dash prevented in being brought to Manniry.

M. Eddrig, in the Wilmighbead Tempdition, gives an her confidential to the Confidential Conf

any Language.
In the Journal Literaire, Anno 1710, we have a veringenious Project for an Universal Charaster: The Author after obviating the Objections that might be made against the Feafibleness of such Schemes in the general, proposes the Estiblects of the Schemes in the general, propotes this own: His Cherafteri as to be the common Arabie, or numeral Figures. The Combinations of thefe nine are fufficient to experts difficiely an incredible, Quantity of Numbers, much more than we thail need Terms to figure and the control of the Cherafterian Cher

Cheretter at one fav'd: the drabit Figures having already all the University requirtd.

The Advantages are immedia: for r*, We have here changed as the control of the changed as the changed as the changed, as the popular Language, continually art. -1; Whereas the Difficulty of pronouncing a faceign Language, is dead as ultaily year the Languare in general Trouble, attain us, in the Cheretter here peopod this Difficulty has no place. Fever, Nation is no pronounce them according to the particular Promunication that sheetly obstitute among the production of the produ Bye to affix certain Notions to Charafters, that don't, at first light, exhibit 'om. But this Trouble is no more than

By to safty ceruin Notions on Cheracters, that don't, at thinf fight, exhibit tem. Bet this Trobbe is so more than the find fight, the Works, the capture with the first the common tem find in the Study of any Language winterers. The indictions of Works, to be expected by the common temperature of the co

thus, v.g. a Man with this or that Leiter, to figuify a great Man, or a line Man, &c.

The Kiffelt of the Leiters belong to the Grammar which near well anderfood, would alredge the Vecabolary, which was well and the Grammar, it, that it would only have one Decident Grammar, it, that it would only have one Decident Grammar, it was to the control of t ground, whereon to build regularly. But the Difficulty is not in inventing the most simple, easy, and commodious Cheracter, but in engaging the se-

veral Nations to use it; there being nothing they agree lets in, than the understanding and pursuing their commo-Interest.

Lateral Charatters, again, may be divided with respect
to the Nations among whom they have been invented and
used, into Greek Charatters, Roman Charatters, Hebres

Characters, &c.

Cherafters, &c.,

The Charafter now urdinarily us'd throughout Europe,
is the Latin Charafter of the Antients.

The Latin Charafter was form'd from the Greek, and
that from the Phoneians, which Cadanus brought isto

Greece.

The Phenician Charefler was the fame with that of the antient Hebrew, which fabilited to the Time of the Belgicold Couple Captivity; after which they us'd that of the Algi-riant, which is the figure Hebrew, now in sole; the satisfact being only found on force Hebrew Medals, commonly call'd Samaritan Medals, See SAMARITAN.

Postellus and others shew, that beside the Phenician;

Politilist and others thew, that beside the Phomesus, the Chaldes, Spring, and drive Charellers were likewise formed from the autient Hebreus. The French were the fifth who, with the Latin Office of St. Gregory, admitted the Form of the Latin Charallers. In a Provincial Synad, held in 1091, at Leon in Splits, the use of the Gothe Charallers invented by Utility, was about the Charallers invented by Utility, was about the Charallers in the Ch

use of the Gerbel Geretiles; involved by Uffelts, was the Mirk, and the Leine Geretile Geretiles; G

and Latin. See Greek.

The Latin Medals preferro both their Charafter and Language, as low as the Translation of the Seat of the Empire to Conflaminople. Towards the Time of Decrus the Charafter began to elter, and to loke of its Roundocks and Beauty: Some time after it retrieved it felf, and suband Beauty: Some time after it retrieved it felt, and fubfifted tolerably to the Time of Fuffins, when it fell into
the last Barbarity mentioned, under shiebest; the it afterwards grew worfe, and degenerated into the Golhe: So
that the rounder and better form'd the Character, the
geater Presence it has to Astiquity.
Nuxaract Characters, are those ou'd to expres

Numbers. See Number.

There are two Kinds of Figures, or Numeral Charac-ters, chiefly in use; the common Characters, and the Ro-man; to which may be added a third, call'd the French

Characters.

The common CHARACTER is that ordinarily gall'd the Arabic, as fuppos'd to have been invented by the Arab Aftro-nomers: tho the Arab; themfelves call it the Indias Che-rafter; as if they had borrow'd it from the People of India. This indeed is pretty certain, that the Orientals are the Authors of it: which is confirm'd, as by other Circumflances, fo from the manner of writing them, from left to right; which has been confessedly the manner of writing

in all Ages in the East.
The Arabic Charatters are ten, viz. 1,2,3,4,5,6,7,8,9,0;

the last call'd Cyther. See Cyrren.

The Arabic Character is us'd almost throughout Europe,

The Arabic University is used aimed throughout Europe, and that on aimed all Oxensions, in Commerce, in Meafuring, in Adrenomical Calculations, 85c.

Roman Cran Accesses conflict of the United of Majuscule

Letters of the Roman Alphaber; whence probably its

Name or ny perhaps, from its being aid by the antient

Roman on their Coins, and in the Inicipations of their pub
like Manumerge, energled in homogra of their goods and aware ck Monuments, crofted in honour of their Gods and great Men; on their Sepulchres, &c.

The Numeral Letters that compose the Roman Charac-r are in Number seven, vis. 1,V,X,L,C,D,M.

The I denotes one, V five, X ten, L fifty, C a hun-red, D five hundred, and M a thousand.

The I repeated twice, makes two, II; thrice, three, III; four is expressed twise, IV. I before V or X, taking an Unit from the Number expressed by each of those Letters.

To express its, and is added to a V, VI; for fewen, two,

To express fix, an 1 is added to a V, VI; for treven, two, VI; and for eight, three VIII; it mis is express d by an 1 before X, IX. agreeable to the proceeding Remark.

The like Remark may be made of the X before L or C, except that the Diminution is by Tens, not Units: thus, XL figuidine ferey, and XC intexy; an L follows with an X faxty, LX, §5. The C before D or M, diminifies each by a houderd.

that IO ? and that, in lien of the M' which thentud's the Beignes the Texter D' which exbedges the handred' in the M' which expenses a C inverted' the series of the M' which thentud's the handred.

thousand, is sometimes us'd an I between two C's, the one erect, the other inverted, thus, CID: Agreeable to this, its bundred may be expressed IDC; and seven hundred, IDCC, 5c.

EDC, &c.

The Roman Charafter is now feldom ut'd, but in Inferiptions of publick Monuments, on Medals, Coms, &c.
in the Dates, Chapters, &c. of Books, &c.
The French Charafter, to call'd, because invected and
chiefly ut'd by the French, is more usually denoted, Cha-

chiefly wid by the French, is more usually denoted, Claracter of Account; or Finance, It conflits of its Figures; part taken from the Lectres of the usual current Hand, and partyl imaginal by the Leventor: The fix Claracters are j, b, x, L, C, y. The j conformat flanding for one, the b for fire, the x for ten, the L for fifty, the C for an hundred, and the last Character y for a thoughand.

the L for filty, the C for an hundred, and the sus Carractors for a clinical colory an instance of the Rama Clarafter; and its sife is in most reflects the frame, particularly in what relieses to the Combination of certain Letters, which placed before or after volume, dominish or included the color of t

Numbers to one hundred, are expreded thus, fifficus ninety; fifty on pinety one; fifty area, &c.

It is principally and in the Chambers of Accompts; in the Accompts given in by Treafurers, Receivers, Farmers, and other Perions concernd in the Management of the Re-

me.
A Specimen of each of these Charafters follows

	Arabic		French
	Charac-	Roman Characters.	Charac
	ters.		ters.
Nincty -	90	LXXXX, or XC -	ericker
Ninety one	- 91	LXXXXI, or XCI -	iniana)
Ninety two	92	LXXXXII. or XCII	me Zarn
Ninety three	93	LXXXXIII, or XCIII	STREET,
Nincty four	94	LXXXXIV. or XCIV	I I I I I I I I I I I I I I I I I I I
Ninety five	95	LXXXXV, or XCV	ettiakab
Ninety fix	96	LXXXXVI, or XCVI	distanti
Ninety seven	97	LXXXXVII, or XCVII	1411 XXXII
Ninety eight	98	LXXXXVIII. or XCVIII	(in parely
Nincty nine	99	LXXXXIX, or XCIX	111122218
One hundred	100	C	c c
Two hundred	200	cc	ije
Three hundred		ccc	rife
Four hundred	400	CCCC, or CD	11115
Five hundred	500	D, or 10	be
Six hundred	600	DC, or IDC	bic
Seven hundred	700	DCC, or IDCC	Line
Eight hundred		DCCC, or IDCCC	bijje
Nine hundred	900	DCCCCor IOCCCCor CM	ize
One thousand	1000	M, or CIO	2.

CHARACTERS, in Printing, are the Letters or Types by the various Arrangement whereof, are composed Forms by the various Arrangement whereof, are compose a rorms-whence impressions are taken, by means of a Press, on Pa per. See Latter, Type; see also Form, Painting, &c. For the Method of cashing these Characters, see Letter

FOUNDERY.

CHARACTER is also us'd in several of the Arts, for Ab-breviatures, and Symbols, contriv'd for the more concile, immediate, and artful conveyance of the Knowledge of

immediate, and arful conveyance of the Knowledge of Things. See Janse Vitterata, and Street.

Things is a supervitation of Street.

In the Street of Charactery of the Street.

In the Street of Charactery of the Street.

In the Street of Charactery of the Street of the Street.

In the Street of Charactery of the Street of t

five thousand. Tyro

Gruter's interptions.

Valerius Probint, a Grammarian, in the Time of Nero, laboard to good purpole in explaining the Notes of the Antients. Dracoust wrote an ample Treatile of the Explication of the Character's in Law, under the Reign of the Emperor Courad I. and Goltzius another for those of the Emperor Courad I. and Goltzius another for those of Medals.

Decais.

**Charafters, or Symbols, are now chiefly affected in the feveral Parts of Mathematicks; particularly Algebra, Genery, Trigonometry, and Affronomy; as also in Medicine, Chyenitry, Musick, &c. The principal of each Kind we final here falspin.

CHARGE WE HALL DESCRIPTION OF THE ALL DESCRIP Note, Equal Quantities are denoted by the fame Cha-

ratter.

m. v. r. s. t. Sec. are Charaffers of indeterminate Evolum, n, γ, γ, δ, ∞c. are Consulters of indeterminate Exponents, both of Ratios and Powers η thus xⁿ, gⁿ, σ, δ, δc. denote indeterminate Powers of different Kinds; on x, n y, r σ, different Multiples, or Submultiples of the Quantities x, y, a, xccording as m, π, r, are either whole Numbers or Freiliens.

Fractions.

Is the Sign of real Existence, and is call'd the aftir-mative or positive Sign; Importing the Quantities to which it is prefix'd, to be of a real and positive Nature, Sec.

Positive.
It is also the Sign of Addition, and is read Plus, or amore; thus 9 + 3, is read 9 plus 3; or 9 more 3: that is, nine added to 3, or the Sum of 9 and 3, equal to 12.

Se Antorica.

— Before a fesple Quantire, in the Sign of Negation, or metative Entlease, illusting the Quantity to which it is precised to be the New York of the New York of

This Charafter was first introduc'd by Harrist : Des Cartes in licu of it uses to . Before Harrist there was no

Cartes in lice of it ules 20. Before Harrest there was no Sign of Equality at all.

Weifins, and some other Authors, we the Character = for the Identity of Ratios; or to show the Terms to be in a Geometrical Properties; which most Authors expects

thus 11 See that Charoffer

than 1: See that Chareller.

X Is the Sign of Additiplication, denoting the Quantities on either fide to be multiply'd into one another; thus, 4 A; is read a mortifly'd by 6; or the Testima, or Testima, 10 and 10

Dot (.) between the two Factors: Thus 6.2 fignifies, the Product of 6 and 1 = 11. See MULTIFLICATION.

Where one or both the Factors are compounded of feveral Letters, they are diffinguished by a Line drawn over can; thus, the Factors of a + b -c into d, is wrote d ×

Guido Grazdio, and after him Leibuito, Wolfius, and others, to avoid the Perplexity of Lines, in lieu thereof dictinguish the Compound Factors, by including 'em in a Pat renthefis, thus (a+b-c) d.

reachess, thus (s + b - c) d. — Is the Charafter of Division: thus $s \div$ denotes the Quantity a to be divided by b. Indeed, ordinarily in Algebra, the Quotient is expres'd Fraction-wife; thus denotes the Quotient of a divided

by β. Weißer, &c. make the Sign of Division (:) thus, 8:4 denotes the Quotient of 8 divided by 4==. If either the Division or Dividend, or both, be compos'd of feveral Letters, v. 2, a-b, divided by c; initead of writing the Quotiens Facilian-wife thus:

Weißer, &c. in-

Square of any Quantity by multiplying it by it felf. See INVOLUNTOR

us The Charafter of Evolution; or of extracting the Roots out of the several Powers; the Reverse of ⊕. See

EVOLUTION.

Is the Sign of Mejerity, or of the Excels of one
Quantity beyond another: Some afe this L., or this 1.

Is the Sign of Minerary: their two Clear-Mers were
fifth introduced by Harriso, and used fince by Wallist and

Other Authors use others ; fome this, but the gene-Other Authors als others; some mis, in 3 part to generality once at all. See Missonity.

of The Sign of Similitude, commended in the Missonity and others; the the generality of Authors as a content of the generality of Authors as no contents, and others; the the generality of Authors as no contents. See St.

The fame Charaffer is us'd in other Authors for the Dif-Inc. time Learniter is used in other Authors for the zag-ferrance between two Quantities, while 'it's yet unknown which is the greater. See Difference, 'ye's the Cheratiter of Radicality, and thews the Root of the Quantity, to which it is prefixed, is extracted, or to

be extracted: Thus, \$\square\$ 25, or \$\square\$ 25, denotes the Square Root of 25, tre. 5. and v 25, the Cube Root of 25. See This Charafter fometimes affects feveral Quantities dif-tinguistic by a Line drawn over them, thus $\sqrt{T+d_1}$ de-note: the Sum of the Square Roots of b and A. Widjiar, &c. in lieu hereof, include the Roots compand of feveral Quantities in a Parenthesis, adding its Index: thus $(a+b-\alpha)^2$ democs the Square of $a+b-\alpha$, ordina-

thus $(x_1+k^2-y_1)^2$ denotes the Square of $x_1+k^2-y_1$ encoded by y_1 at y_2 and y_3 in y_4 and y_4 in y_4 in y

expressive.

The Charafter of Geometrical Proportion comin u'd implying the Ratio to be carry'd on without Interruptions Thus, 2, 4, 8, 16, 32, # are in the fame uninterrupted Proportion.

CHARACTERS in Geometry and Trigonometry.

| Is the Character of Parallelifm; implying two Lines
or Planes to be equi-diffant from each other. See Pa-

ALLEGA Character of a Triangle. See Triangle, Sc. D Character of a Square.

☐☐ Charafter of a Kettangie.

○ Charafter of a Circle.

♣ Charafter of Equality of Angles.

♣ Charafter of Equality of Sides.

♦ Charafter of an Angle.

Character of a right Angle.

L Character of a Perpendicular.

The Character of a Degree; thus, 75° implies 75 Degrees.
The Character of a Minute, or Prime; thus, 50' im-

plies 50 Minut Ninutes.

, &c. The Characters of Seconds, Thirds, Fourths,
Degree: thus, 5", 6"', 18"', 20"'', denotes 5

""" "" "" " " The Characters of Seconds, Thirds, Fearths, &c. of a Degoce: thus, "" "" "" " " o" denotes 5 Seconds, 6 Thirds, 18 Fourths, and 20 Fifths.

Note, The fame Characters are functioned used, where the Progetition is by Tens; as 'tis here by Sixties. See Dra-CHML, SEARCHIMAL, DELONGRIMAL OF TENS AND THE SECONDAL, SEARCHIMAL, DELONGRIMAL OF TENS AND THE SECONDAL OF TENS AND THE SECONDA

CHARACTERS and in the Arithmetic of Infinites.

CHARACTERS will in the Arithmetic of Enginese that, raide Councilor of an Infinitellusia, or Flusiers that, raide Quantities as and y 1 we, there on more Done, de-cone Econd, shiely, or higher Flusions.

Notesta, the Inventor of Flucions: Vision of the Engine Part of Definite Part of The Engine Part of Definite Part of Part

d The Character of a Differential of a variable Quantity; a the coarder of a Differential of a variable Quantity, thus, Ax is the Differential of y.

The Character was first introduced by M. Leibnite 3, and is followed by all but the English, who, after Sir Islaed. Newtone, expects the Differential by a Dot over the Quantity. See Calculus Differentialis.

CHARACTERS 43'd in Altronomy,
Characters of the Planets , the Planets.
Character of Saturn.
Character of Saturn.
Character of Hopiter.
Character of Mars.
Debaracter of the Sus.
Debaracter of the Moon V Character of Sasurn.
V Character of Jupiter.
Character of Mars.
Character of Venus. 5 Character of the Earth. ≃ Character of Libra.

™ Character of Libra.

M Character of Scorpio.

2 Character of Sagittarius.

U Character of Capricornus.

Character of Aquarius.

K Character of Pifes, II Character of Gemini 5 Character of Cancer.
S. Character of Lee. to Character of Virgo.

Refts or Pauses of Time.



CHARACTERS us'd in Musick. Charafters of the Mufical Notes, with their Proportions. Character of a Large 0. A Long Rrene Semibreve Minim Crotobet Quaver Semiquaver Demisemiquaver

Characters of the artificial Notes.

Character of a Sharp Nove : This Character at the beginning of a Line, or Space, denotes all the Notes in beginning of a Linc, or Space, denotes all the Notes in that Linc, or Space, to be taken a Seminon higher than in the natural Series. And the fame affects all their Oc-taves, above and below, tho not mark'd. See Snaar. When the Classaffer is profix'd to any particular Note, it shows that Note alone to be a Semisone higher than it would be without fach Classaffer.

/ Charafter of a flat Note: This Charafter, at the beginning of a Line, or Space, shews, that all the Notes in that Line, or Space, are to be taken a Semitone lower than in the natural Series; a sheftling, in like maunet, all the Odaves, both above and below. See Fa.r. When prefix it to any Note; if these that Note alone to be a Semitone lower than it would otherwise be.

Character of a natural Note. Where, in a Line or Series of artificial Notes, mark'd at the Beginning for el-ther Sharps or Flats, the natural Note happens to be re-qui r'd, it is denoted by this Charatter:

Characters of Sign'd Clefs. Mean Clef. Baft Clef.

Characters of Time. See Time.

2, or 2, Characters of Common, or Duple Time; figuifying the Mediuc of two Crotchets to be equal to two Notes, whereof four make a Semibreve.

C C D Characters that distinguish the Movements in Common Time: The first implying flow; the fecond brists, the third every quick, ", ", ", ", ", ", t; Charatters of the fimble Triple Time; whole Mealure is equal either to three Semibereves, or to three Minims, See. See Trary.", ", or ",

vers, &c.

vers, &c.

3. or \$\frac{1}{2}\$; or \$\frac{1}{2}\$; or \$\frac{1}{2}\$; Characters of compound Triple Time.

\$\frac{1}{2}\$, or \$\frac{1}{2}\$; or \$\frac{1}{2}\$; Or \$\frac{1}{2}\$; Characters of the fourth Species of Triple Time; call'd, The Mediare of review Times.

CHARACTERS of d in Medicine, Pharmacy, and Chymiffry,
Authors are very redundant, and even funciful in Pharmaceutical Characters: the most usual are these than sol

Sulpher. Surit of Wine. p. Recipe. ane. Of each alike. or S,V,R, Spirit Wine rectify'd. * Antimony & Aqua Fortis. Torror

AR Aqua Regia. A Pound, or a Pint. Caly Vivo An Ounce Caput Mortuum. A Drachm Copper. A Scruple. Digil Half of any thing

Cong. A Gallon. Cochl. A Spoorful. Gold Harre-Horn CCC Harra-Horn calcin'd. M A Handful A Pugil.

P. A Pugil.
P.E. Equal Quantities,
S.A. According to Art.
q.f. A fufficient Quantity. Amalgamate f.f.f. Stratum fuper stratum Jupiter, Lead. N.B. Mercury 91 contains Spill. -Sublimate aiii. ST XX ----Precipitate.

Cong. i. & viii. Cochl. i. is about 3 fs. and A Pugil is the eighth Part Nim. Sal Armoniae A Virriol of an Handful. CHARACTERS among the antient Lawyers, and in

ur Tole Scto. Senatußonfulto. P.P. Pater Patria. § Paragrapto. C. Code. CC. Confules. T. Tituins, 800. S.P.O.R. Semasus Populufque Romanus.

apple Konneum.

Characters on Medats; for Manax.

S.V. Sifte Vision, Sasy Traveller.

M.S. Memorie Socroms, Sacred to Memory.

D.M. Dits Manilum.

HIS. 7-plss.

XP. A. Character found on antient Monaments, about the meaning whereof Authors are not agreed. See Ca-

WAR COME CHARACTERS in Grammar, Rhesoric, Poetry, &c... Charafter of a Comma. 'Emphasis, on Accent. . Character of a Comma. Breve Dialylis

A Caret, and Circumfiex.

" Duotation. Period. Exclomation. † and * References Interrogation 6 Section, or Division, Sec Hyphen. COMMA. SEMICOLON, COLON,

PERIOD. L.L.D. Doctor of Laws, or, of the Law of Laws, i.c. the Civil Law.

S.S.T.D. Sacro Santte Theologie Dottor, i.e. Doctor of

Winity, M.D. Dellor of Phylic. V.D.M. Verbi Dei Minifter, Minister of the Word. A.M. Artinin Maggister, Matter of Arts. A.B. Artinin Baccoloureus, Barchelor of Arts.

F.R.S. Fellow of the Royal Society. CHARACTERS in Commerce. Tound weight. Do Ditto, the f C. or & Hundred weight,

Disto, the lame.

No Numero, or Number.

Fo Folio, or Page.

Ro Recto.

Vo Verso. or 112 Pound. gh Quarters. Per, or By. L Sterling, of B Pounds Rx. Rixdollar. De. Ducar

Sterling.

R Shillings. P.S. Politirist. &c. 9, Pence, or Deniers.

S. Pence, or Deniers.

S. Pence, or Deniers.

G. Lanacress is all out left as carbin Manner, Air, or Atlanhige of Qualities, reduiting from leveral particular many plants of the property of

Perfor has proper, and finguir in his Manners, whereby he is dillinguistifd from orders. See Manners, and properly and the performance of the perf

Souls. There must, therefore, be one to reign over all the reft; and this must be found in every Part; suff as the firm Here, in feveral Planings, finoula have the time Lines and Features, how different foever his Postures and Passions may be. See Haro.

Features, how different sever his Pottures and ramons may be. See Hano.

This first Quality, in Homer's Achillet, is Wrath; in Utigife, Differentiation; and in Virgit's Zeness, Mildrefa: Each of which may, by way of eminence, be call'd the Character of those Heroes.

Charaffer of those Hence.
These are severe up on alone, but always to be accompanyd with others, to give them the greater Lattler; either by Miding their Deckits, as in Achiller, which Anger is palliated by a world of Courage: or by making them cere is seen fold livers, as in Olytics, whose Diffirmulation makes a Part of his Frachero; and Alberta, whose Williams and the area of a cheeker quantyd in a Subernifica to the Will of the

Gold.
These fectorary Quilities of Course, Produce, and Submitties, make the peocless of the Characters of these Bulletins, and the peocless of the Characters of these Bulletins of Course and always have a flame in the Character of a Hens, no ferro as a Supmariant of Course of the Character of

of the first; and Courage, which suitains the other two, The first, which is the chief, is to be some universal Quality, to have place on all Occasions, and to distinguish the Hero wherever he is found.

the Hero wherever he is found. For its Unity of Charafter, we have Harace's express Command, Sin quadrit flumples distincted it union. Hoffs adds, that the Charafter is not left the Soul of the Hero and the whole Action, than the Fable is of the Poem; and of confequence the Unity must be as exact in the one as the other: which secondingly we find obleved both by Hero.

the other waters recovering we now water a wear a part The Unity of Central ris intensity different from that of the Memora: is the latter, the Unity or Faquilty confais in the not gridge contexty Sectionness to the Same Teas, which is not furfaces to the Unity of Contraller; but appear on all Octoons, whether coursery or otherwise: Thus, Amer, therwige a deal of Goodensi in the first Bart of the Penn, said a world of Vision in the foods, but of the Penn, said a world of Vision in the foods, but of the Penn, and a world of Vision in the foods, but of the Penn, said a world of Vision for the foods, the Memora, but the Unity of the Contrastive there had been no Offence against the Evenneds of the Memora, but the Unity of the Contrastive there had So, that beliefes the Qualifies which have being purious about throughout, and to regio over all the others. With mer and Virvi

lar Piace on different Occasions, there must be one to have place throughout, and to reign over all the others. Without this there is no Character: as would be the Cafe, fibouid a Poet give his Hero the Picty of Zhout, and the Courage of Abulles, without confidering the Severity of the occ, and the Mildness of the other.

the one, and the Mildnets of the other.

A Hero, 'list true, may be made as brave as Achilles, as mild or pious as Æment, and, if one will, as prudent as Ulygifes, but 'twould be a mere Chimera to imagine a Hero with the particular Courage of Achilles, the Fixey of Æment, and the Pradence of Ulygifes at the fame time. Seo

UNITY.
The Unity of Charafter is not only to be kept in the Heen, and the forest lother Perfus of the Piece; but also in that of the Poess it fail; that is, all the Charafter is the original forcer, mail contex and re-unite in that many forces to general theory to the context of the property of the Charafter is precisely of the Charafter is precisely of the Charafter in the property of the Property of the Charafter is precisely of the Charafter in the property of the Property of the Charafter is precisely of the Property of the Charafter in the Property of the Property of the Charafter is precisely of the Property swing, and as havourd by the Simultude of the Character's of founce of the other Perfoxe. Frigil had a green Difficulty to grapple with to preferre this Unity; in repart of the direct Opportion between the Humours of his Heros, and those of some other of his Perfox, as Variant, Mexenting, Dida, &c. He therefore takes care not to extry those opposite Character's to their full length, but moderates and criticals 'em: And as that Moderation could not flow inturally from the Persons themselves; 'tis produc'd cither by some Passion, as in Duso, or some Dependance, as in Visi-suus and Mecantini. To this Artifice he adds Epilotes, accommodited to the general Character, by which he interrupts the particular Actions which require an opposite Character.

Claristics. Conduct, in this refrect, is unpardonable a from the horrible Characters of Phine and the Fuete, with at the Circus of the Parts. With a the Circus of the Parts. When the Characters of the Parts. Concern Fields, &c. He has as many different prevailing Characters in his three Books, as Hamer and Frigit in their faxy. See Erre, Co. Characters is allowed for certain within Qualities which claim Refed, or Reverence to those vedical three-which are the reference to the results of the Reference and the Reference and Reference an

which claim Ketpect, or no-resonant.

The Majsty of King give 'en a Cherafter, which process Rejed from the Feople. A Biftop fload distin his Cherafter by Learning and Solf Feory, rether than by Caracteria and Solf Paris, and Cherafter of an Embatthef from all Infults. Createries at sile suit, more Duries, effecting Createries as sile suit, more Duries, reflecting control of the Cherafter of th

ble of being repeared. The Character is generally sup-nord to be lomething Physical.
"The the Steraments of Baptim, Confirmation, and Or-dination, which leave such indelible Character. Character of a Plant. See Genus, Characters-

CHARACTERISTIC, in the general, is that which charafterizes a Thing, or Person, i.e. constitutes its Character, whereby it is diffinguished. See Character. CHARACTERISTIC, is peculiarly us'd in Grammar, for the principal Letter of a Word, which is preferv'd in most of its Teuses and Moods, its Derivatives and Com-

pounds.

noush. The Caracterific frequenty flews in Eymology ; and engine routinary to ming the continuous and continuou

CHARACTERISTIC of a Logarity, as in Index, or Experient. See Index, (or Experient.)) and the higher Geometry, is a schillent rephrasided (Fringle, wind) from a right Line. The call of the consect Garre Line. The call of the control of the Abelile as and certain get all preparedistration of the Abelile and loring full a Perpediture (Fig. 1) indicates are another PM; there will P p be the Differential of the Abelile and loring full a Perpediture (Indicated of the Abelile and loring full approximation of the Abelile and loring full approximation of the Abelile and loring full approximation of the Abelile and loring from a principal of the Indicate (Indicate Characteristic Transfer of that Girec. CHARACT, the Tobber which Charletterist Transfer of that Circum. CHARACT, the Tobber which Charletterist Transfer of the Characteristic Transfer of the Cha

CHARAG, the Tribute which Christians and Jews pay to the Grand Signior.

It confils of 10, 12, or 15 Francs per Ann. according to the Elfate of the Party. Men begin to pay it at 9 or 16 Years old, Women are difpens'd with, as allo Priefts, Rab-Years old , Women : birs, and Religious.

biot, and Reilgious.

CITARCOAL, are of a strifficial Cast, or Fuel, confiding of Wood hill burns, chiefly said where a clear though

Fict, without Smothe, in requir's 1st. Humiday of the

Wherein it is prepared. See Fuets, and Coat.

The Micrologo difcores a farmfany Number of Pares

in Charact. They are difpool in coles, and unverfix it

forces, bur may be ceitify blown thours. If a Fince to

book percey them, it may be feen they with a Micrologo.

In a Range, the 1sh Farn of an Inch boog, Dr. Hobs tee
kand a pr. brees whome of the concludes, that in Calerand

hunderd as, thousand frees. hundred 14 thousand Pores.

hundred 15 thouland Pores.

"Its to this prodigious Number of Pores, that the Blacknet of Charcoal is owing: for the Rays of Light Hikling on the Charcoal, are necessive and shirbed in its Pores, initend of being reflected; whence the Body mult of necessity appear black blacknets in a Body being so more than a war of Reflexion.

Chercial was antiently us'd to diffiguellit the Bounds of Edition and Inheritance; as being incorrapible, who the property of the Chercian Conference of the Chercian long, that there are many Piecets found eather in the an-tient Tombs of the Northern Nations. M. Zodard type, there is Clares found eather in the San-ther Chercian Conference of the Chercian Conference on the Chercian Conference of the Chercian Conference of the keys for well, that the Wheat may be fill; diffinguishly from the Rey o which be looke on as Proof of its Incor-

regishility. The Mulbed of making Charcoat.

The bell is that made of Oak, car into Lengths of about 100 per control of the co

with Turf, and other Rubbilli.

A moveable Stereo being then fet up against the Wind; the Sanks is pastl'd up, and frire fet to the Pits, by pouring the Sanks is pastl'd up, and frire fet to the Pits, by pouring the Went Holes made tho' the Saufi that covers the Pits, two three Foot past, quite round, a Foot from the Top, The next Day a new Range of Holes is made, a Foot and has the South of the Pits and has the Saufi that covers and a has flection the first; and that on to the Bettom: obferving, that as the Pile cools, and finks to the Centre, it must be continually fed with short Wood, that no Part remain unfir'd; and that if any Part obars father than other,

remain unifv1, and rim if lamy Fare clear's filter than other, the Vene-Heal's there are no be fropely A. B it cools, the Samoles grows thinner and bluer. The Heap requires two Bondles grows thinner and bluer. The Heap requires two March 1990 and first plant of the Courting by degrees, about a Venus, and fripping out the Courting by degrees, about a Venus and first plant of the Courting by degrees, about a Venus and first plant of the Part of the Courting the refl γ that the Filt may seither cool two faith, nor endanger the Reddelite of the whole into Africa. Leftly, the Coult are taken out from around the Bottom, by which means the whole March (Soul and Rubellin, faiths who whole March (Soul and Rubellin, faiths and Rubellin, faith and Rubellin, faiths and Rubellin, faith and Rubel by which means the whole Mats, Joan and Account, and exhaustless the Fire at once.

Charcast for Fouder-Mills, is shallly made of EldarWood; the Procest the fame, but finish di in two Days.

CHARDS, in Gardening. The Chars's of Artichokes,
are the Leaves of fair Artichoke Plants, 17 and wrapp' dup.

ase the Leave is f first Artichoke Plants, y'd and wrapp'd up, all allower but the Dip finstrue, sharing the Autumn and Winners allower but the Dip finstrue, sharing the Autumn and Winners that make 'a my give white, as all the fine of their Birreneth, Dang, during the Winter Sexfan, when they produce large Tops, with a down Centro Sloot, which is the true Carlot, who has all the Dratege, Intermedia, Eff. of Carlot, who has all the Dratege, Intermedia, Eff. or the Carlot, and the Autumn and Carlot, and the Carlot, and th

the Piece be first cleared or four a within side; that the proper Quantum of Guapeader to next driven in and proper Quantum of Guapeader be next driven in and der ben't bruis'd in raumning, which weakens in: Effect, be raumned dove in, and draw then the Ball, or Siote be immeded, be a more dover in, and draw then the Ball, or Siote be immeded. We will be the same dover in, and draw then the Ball, or Siote be immeded. We will be supported by the same dover in, and draw then the Ball, or Siote be immeded. The Weight of Guapeader necessary for a Charge, it The Weight of Guapeader necessary for a Charge, and the Commonoity in a falledple propertion to that or the Ball. See commonly in a falledple propertion to that or the Ball.

CANNON, and BULLET

Cannon, and Buller.

Chance, in Heraldry, is apply'd to any Figure, or

Thing, bore, or repreferred in an Ekurcheon, or Cost of

Arms; whether it be Animal, Vegetable, or other Matter.

See Branke, Excurrent post, Ec.

Too many Charges are not deem'd fo honourable as few-

See CHARGED.

er. Sec OriAnoxii.

Chrygi peculiar to the Art and Ulige of Armory, as the Crift, Chrift, Palle Egif, &c. are called proper Chargus; and Frequenty Oriminerie. See Onstance Additions, or Research of Honora Corm Chrygie to those Additions, or Research of Honora Corm Chrygie to the Archicoma, as Centuria, Rauseria, Gervani, Elpayeri, &c. Gutanar, in the Massags, a Caraphina, Apparitus, or Unguezar, made of Oil, Honory, Green, Frigheria, &c. Gutanar, applyd. and Searching and Searching of Loss of Winn, and other Matters, applyd executally as a Hone, &c. for the care of Starting, Emiles.

wellings, &c.

Swellings, &c.
CHARON, or Owreberge, in Painting, is an exaggerated
Reprefentation of any Person, wherein the Likenses is
preferred, but, withal, idiacult.
Pew Painters have the Genius necessary to succeed in
these Cargers: The Methods is, to pick out and heighten
something already annis in the Face, whether by way of
Decentary of the Cargers of the Cargers of the Cargers.

Defect, or Rochaely; r has, no. 5; if Nature laver givens a biffig in the Diocea of Column, by Gay Lord Joinville with he, and maken; we consider the Nature givens a biffig in the Diocea of the XIIIsh Contrary, appendix the Arman and the College of the XIIIsh Contrary, appendix the Nature Sauray; and thus of the other Parriaing on it found as sere Sauray; and thus of the other Parriaing on it founds to the other Parriaing on it founds to the College of the Nature of Sauray (Nature of Sauray), and is not the College of the Nature of Sauray (Nature of Sauray), and the Nature of Sauray (Nature of Sauray (Nature

CHAR. See SCAR.

CHARIOT.S COACH.

CHARISTIA, a Feast celebrated by the Romans, on the

1th of the Calends of March; i.e. on the 19th of Fe-

inth of the Catendi or inspire g i.e. on the symbol homes, by each family made a Feed, to which some were admitted but their or the Family, and Reiniston at Defign was, but an end to all Difference, or Beilis, if there were any, among Friends.

The Word comes from the Greek pass, Grane, Freezer, The Word comes from the Greek pass, Grane, Freezer, the was also called Dire chose cognitions. Figurers, on the contract of the companions of the Catendra of the Cat

It was alfo call'd Dire there organismic. Figurer, on Etc., call is the 290 of goal Civer. CHARISTICARY, Damandatury, or Theothery, a Ferfon to whom is given the Baipyment of the Revenues of Montley, Molfield, or Bender. Montley, Molfield, or Bender. Description, or Commentation, who empired all the Revenues of Hofstah and Montlerio, without principal for Commentation of the Montley of the Commentation of the Montley of the Commentation of the Montley who the Montley of the Montley of the Montley who the Montley of the Montley who the Montley of the Montley who the Montley of the M

nimus, the avow'd Enemy of the Monks, whole Monaste-ries he gate away to Strangers.

In after Times, the Emperors and Patriarchs gave many to People of Ogality, not by way of Gift, to reap any Temporal Advantage from j but to repair, beautify, and

patronize 'em

patronize 'em. At length Avarice crept in, and those in good Condition were given, especially such as were tich; and at left they were all given away, rich and poor, those of Men and of Women; and that to Laymen and marry'd Men.

M. Conteller, in the Excepte Circum Memments, gives as the form of these Donations: they were given for Life.

netimes for two Lives.

CHARITATIVE, in the Canon Law, a charitative Aid,
Subfidy, is a moderate Allowance which a Council CHARITATIVE, in the Canon Law, a constitutive mas, or Subjidy, is a moderate Allowance which a Council grants a Bifton upon any argent Occasion; a gr., when his Revenues will not bear his Expenses to a Council, &c., CHARITY, one of the three grand Theological Virtues, confilling in the Love of God, and our Neighbour. See

Vinyus.

Charity is the Habit, or Difposition of loving God with all our Heart, and our Neighbour as our felves. It has all our theorem of the theorem of th

BENEVOLENCE CHARTTY Schools, are Schools creeted and maintain'd in

GRARITY Schools, are Schools crefted and maintain'd in various Parifices, by the voluntary Contributions of the In-habitants, for eaching poor Ghildren to read, write, and other necessary Parts of Education. See Senson. In most Coherity Schools, the Children are likewise cloth'd and put out to Trades, Services, E.c. on the same charita-ble Foundation.

Me Foundation.

Charry's Schools are but of a few Years standing: They were began in Lindon; and have fince spread shoughpoor the Core of Congress and Wide. In the Core 176, Degrees and Wide. In the Year 176, Desco of Congress and Wide. In the Year 176, London Stood than.

Namber of Schools 88, of Boys taught therein 181, of Girls 1231.

Boys clorid 186; But 12977.

Girls 1231.

All 2977.

Boys cloth'd 1865. In all 2977.

Boys not cloth'd 373. In all 501.

Girls 128. In all 501.

Note. Out of the whole, 967 Boys, and 407 Girls, had

Nor, One of the whole, 897 Boys, and 497 Girh, had been put out Apprendices. And and we have likewise a Consarvant Conference and the industrian Poor, excited by the first Conference and the industrian Poor, excited by the Conference and the industrian Poor, excited any Money at common and legal lasered; there being a Flond of 500001, feeld for the End. Order of Consarva. There are ferrest Religious Ox-Down, for the Atliffator of the Sist. 17 This Institute was approved of in 1510, by Low X, and confirm the Prest V. in 1611. The Conference and the Sister of the Sist. 1 This Institute was approved of the Sist. S

&c. towards the Clofe of the XIIIth Century, approved under the Rule of St. Augustin, by the Popes Zimiface VIII. and Clement VI. In each Parish of Paris, in a Society of Women, who sp-ply themselves to find out and relieve the Warns of the Poor of the Parish, and on this Account called, Danses & Control of the Parish, and on this Account called, Danses & Control of the Parish and on this Account called, Danses & Control of the Parish and on this Account called, Danses & Control of the Parish and on this Account called, Danses & Control of the Parish and on this Account called, Danses & Control of the Parish and on this Account called, Danses & Control of the Parish and on the Parish Control of the Parish and On the Parish Control of the

Poor of the Parith; and on this recount can u, some in la Charite, and Seurs de la Charite. CHARKING, or CHARRING, the burning of Wood

CHARKING, or CHARRING, the burning of Wood to make Charcoal. See Charcoal. CHARKS, Fix-Coal charted, or chart'd. See Coal. CHARLES'S-WAIN, in Advoncomy, feven Stars in the Conficiliation Offe Major's call'd allo Phindes. See Planton

CHARLESS-WAIN, Is Althonomy, fewn Sters in the Contribution of Equipment and the Writteds. See Petal-Carle Contribution of the Contribution of the

ARMEN

We have the History of a notable Charm, wherewith great Things are pretended to have been done in the way of Folioning, and Tormenting; delerib'd by a famous Sourcerc, one Bras de Fortben, muder Sentence of Death in

ceres, one Briss de Peritien, under Schiene et accusion in France, as follows.

It conflits of a new Earthen Pot, varnisht'd, not bought not bargain'd for; wherein is put Sheep's Blood, Wool, Halist of fiveral Beaths, with positiones Herbs, mix'd cogether with a great deal of Grimnee, and superfittious Cogether with a great deal of Grimnee, and superfittious Co-

gether with a great deal of Grimace, and fuperliticus Co-remonies, uttering certain Words, and involting Devils. This Pot is laid in a fercet Place in the Neighbourhood where the Michiefi is to be done, and fighthield with Vi-negar, according to the Effect it is to produce. The Charm holds a certain time, and cannot be taken away, but either by the Parry that lodg d is, or some superior Power which

CHARNEL, a Portico, or Gallery, ordinarily about the Charch-Tard; over which were antiently disposed the Bones of the Dead, when the Flesh was confuned. The Charmels, or Charmel-Houses, are now usually contious to the Church,

gooss to the Clarch,

(HART, or Size CHART, 1. Hydrographical Map; or
a Projection of from Fars of the Son, in Please is to the Use
a Projection of from Fars of the Son, in Please is to the Use
The Invention of Son Chart, Infrarence for to Herry
Son of Fisher King of Lightness. They differ very confidence
which from Companies, or Land Wing, which are of no
ship to more Companies. They differ very confidence
Kind; Isma being when are also Chart all of the fame
Kind; Isma being when are also Chart all of the fame
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Chart all of the Chart and Chart all of the Chart

Palitic Chart, are thole wherein the Mandlines and
other, are achieved by right Line praintile on each

control of the Chart and Chart and Chart and Chart

Palitic Chart, are thole wherein the Mandlines and
other, are achieved by right Line praintile on each

Palitic Chart and Chart and Chart and Chart and Chart

Palitic Chart and Chart and Chart and Chart and Chart

Palitic Chart and Chart and Chart and Chart and Chart and

Other.

These Psetemy, in his Geography, rejects for the following Faults; the their Inventor judg'd 'em of good use, and Experience has confirm'd his Judgment; especially in short

Egypticac has consisted his Jodgment; especiany in mo-Voyage.

Their Defects set, it failed to receptable the effects of the state of configuration of the state of the state

Construction of a Plain CHARA

Contrinution of a Plain CHART.

1. Draw a right Line, as A B, (Tab Hydrography, Fig. 9.) and divide it ieno as many equal Parts, as there are Desgeros of Latinade in the Portion of the Sea to be repo-fered.

2. Add another to it at right Angles BC, divided satted, 2. Add asother to it at right Angles BC, drivated from a many Farr, and these equal to one another and to the femere, as there are Degrees of Longlitude in the Edgeson ABCD, and relates in Area into little Squares, then right Lines, perallet to AB and CD, will be Meri-dians; and thele possible to AB and BC Parallels, 4. The Castis, Illands, Bays, Sank, Rocks, 56s. infert from a Ta-Se GG 82 and Sank BC ble of Longitudes and Latitudes, in the fame manner

ne of Longquete and Lattitudes, in the lame imaner as in indiction under Marine and Longdue of a Ship heliga given, her Tirec is easily exhibited in the Chart. 1. The Flace F and G, no and from which the Ship falls, being given his Map, the olight Line & Ship falls, being given his Map, the olight Line & Ship falls, being given his Map, the olight Line & Meridian AB, an Angle AFC, equal to the foliamists of the Marine's AH for the First 1, r. s. G, intercepted herecen explicit the Chart of the Marine Line FG and the Marine and the Chart of the Marine AH for the finan memore it may be first prejections the Khunth. After the finan memore it may be first prejection the Khunth. After the finan memore it may be first of Longquide entity, Grad. "Data Charts, therefore, may be said to very good purpoin in directing a Ship previous due new three decimal of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of a Solicit is curred the Errors of the Diplet Line of th

Golphudian g i skale is certail the Error of the Dif-cate in 1998 of Charles.

1. Upon the right Line A B, (Lish Fig. 10) from the plan transfer for PROMING.

An Other Deposition of the Charles of the Charles September 1998 of the Charles decid to know bow many Miler make for Degrees in the Parallel cp. in the Compellies take the Parallel cp. in the Compellies take the Parallel cp. in the Compellies take the Market of Miles required will been the fram.

Caroll. If then a Ship fill on an Eatlern or Welfane Article. If it fill on any Coltaveril Rhamb, this in intermediate Parallel, between the Farallel of the Place which are the Charles of the Parallel of the Place which the Place which the Parallel of the Place which the Place wh

where the Ship preceeds, and the rations on which the arrive.

The true, this Redultion, by an arithmetically mean Prauliel, in our accurate syer is if frequently and in Protection, as being accommodated to the Appendix of the protection, as being accommodated to the Appendix of the Ap

graphical Miles.
For the Application of the Plain CHART in failing. See Plain SAILING.

Reduced On art, or Chart of Reduction, is that wherein the Meridians are represented by right Lines converging towards the Poles, and the Parallels by right Lines parallel to one another, but unequal.

parallel to one another, but unequals.

Thefe, therefore, it appears by their Conftruction, must correct the Errors of the Polisic Charts.

But fince the Farallels flould cut the Meridians at right Angles; shole Charts are defective, inatimach as they exhibit the Parallels inclini of to the Meridians.

bibit the Parallels Inclin'd to the Moridians. Hence another kind of Rendrond Charst has been invented, wherein the Meridians are parallel, but the Degree theoreof mought, cutil's Afference's chief in the Moridians and Pasallels are reportented by parallel right. Lines 5 but the Degrees on the Meridians are unguagit fifth increasing, as they appreach the Prot, in the time proportion as their of the Enallels decrease is by means whereof, the fame Protection of the Charles of the Cha

the Paillei decrate, by mean which of the fame Pro-penties is peierful between me as not he Gibbs.

This Cour has in Name from that of the Author who first proporal it for the, and made the fift Charr of his Projection, N. Mercator: but notified was the Thought of-ginally his own, a having box history by Pottory nor-2000 Years agos: Nor is the Petellion of it owing so him, so our Counsyman Mr. Wight being the shalling it, by enlarging the Meridian Like by the continual Addition of Securic.

Construction of Mercator's CHART.

Confirmation of Mercators Unian.

1. Dawa a right Line, and divide it into equal Parts, reprefering Degrees of Longitude either in the Equator, or in the Parallel wherein the Chort is to terminate. From the feweral Points of Division erectl Perpendiculars to reprefere Merdidans; to a right Lines may cut even all under the farme Angle, and therefore reprefers Rhumbs:

Thus fir as in the 'Plain' Cherr.

That the Degrees of the Meridian may have their juff proportion to thole of the Parallels, the former are to be increased; in respect the latter continue the fune, by reafter of the Parallelian to the Meridians. See Plant 18.

The Cherry of the Parallelian of the Meridians, See Plant 18.

The Cherry of the Parallelian of the Meridians of the Cherry of the C

In Tractice, inpute it required to draw a Mercany's tractice in the first point of the second of the Sec SECANY.

Thus, for the Diffuse from a De Jog. Listribac, least 121, eagal Paris, from the Saile which is the Secins of 121, eagal Paris, from the Saile which is the Secins of 121, eagal Paris, from the Saile which is the Secins of 2 the Saile Paris, from the Saile which is the Secins of a Deg. 104 m.; and 6 on to the lat Degree of earth of 2 Deg. 104 m.; and 6 on to the lat Degree of earth of 2 Deg. 104 m.; and 6 on to the lat Degree of earth of 2 Deg. 104 m.; and 10

COMPASS.

Laftly, lay down the Towns, Ports, Islands, Coasts, Sec. from a Table of Longitudes and Latitudes; and the Chart

from a Table of Longitudes and Latitudes; and the cutor! is completa; to completa; the Scale changes as the Latitude in In Mercator's Cheers's, and Ship fills between the eath and between those two particular control of the complete complete between those two Parallels, are to be the Scale for mea-faring its Ship's Way. Whence is follows, that the the Degrees of Longitude be equal in excent on the Cheers, yet they must contain unequal Number of Miles, or Longues; and that they will decrede as they approach to the control of the Cheers's the Cheers's proceed that they will decrede as they approach to the control of the Cheers's proceed that they will decrede as they approach to the control of the Cheers's Augustus country to the Cheers's proceed to the Cheers's Augustus Control of the Cheers's Augustus Control of the Cheers's Augustus Control of the Cheers's Augustus Control to the Cheers's Augustus Cheers's Augustus nually increasing.

mally increasing.]
This Chart is demonstratively true; the to appearance false it is sound by Experience very accurate, and withal case for Application. In effect, it has all the Qualifications required to render it of Service in Navigation; yet do the generality of Mariners decline the use of it, and rather chast to keep the did created "Philis Chart."
For the Up of Mercanor's Danar in failing. See Martiness of the Chart is the property of t

cator's SATIANO

cator's SALIMNO.

Globular Chart, is a Projection to call'd, from the Conforminy it bears to the Globe it fell's lately proposid to the
World by Mcfin. Senex, Wiffor, and Harris; wherein the Meridians are inclined; the Parallels equidiffant
both, and curvelinear; and the Rhumbs real Spirals, as
on the Sarlace of the Globe.

both, and curvelinears and the Rhumbe real Spirats, as on the Sartice of the Cubes. In Indiany, and the Secret thereof in a few Hunda's We have burlittle to its these thereof in a few Hunda's We have burlittle to its these free as to its Microst or Fallings, e.e. froig in Confluction and Ufe will be made publich. In the mean time, we may under the Proceedings of the Minight's Patent, and with the Recommendation of leveral above Navigaron, and smoog of the Confluence of the Confluence of the Minight's Patent, and with the Recommendation of leveral above Navigaron, and smoog of the Minight's Patent, and with the Recommendation of leveral above Navigaron, and smoog of the Navigaron, who has thought for to conflue it for less from what it is, will weak long the first of a persy few language that the Left, as it as not with it is, will work be found to the left of the Recommendation of the Navigaroche to Nature, and therefore early conceivable, and that it has been found to suffer very exactly, even in we-need he medit confluences. Sec Grazova, as Suffing.

Craxar complete? In Recommendation of the Confluence of Navigaron and the Navigaron of the Navigaron of Na

Mediterranean.

They are patch'd up, without any great Art, from the Observations of the Mariners 1 any regular Account there-fore how to make them would be needless. They are only

for how to make them would be necesses. A stop as war, will him for Voyagory, spejifies a few of thek Paper, and Ulliam Control Paper. See Paran, fee also Craara Esperieria, in Phaemers, & fee also Craara is allow of the control Paper make very foir and prous, and to fiftee withal. See Craara is allow off the control Paper and the control Paper and the Craara is also published to the Craara is also published to the Church and State, by Esteror the Condities a teger to the Church and State, by Esteror the Condities a teger.

ther with others relating to the Fendal Laws of William the Conqueror, granted by Henry I. all confirm'd by the fuc-ceeding Princes above thirty times. See Maona Chirra. Charan & Froyfla. See Chararsa of the Forest.

CHARTA SE POPESS. See CHARTES OF 100 Ports.

CHARTA Pardonationis fe defendende, is the form of a Managamon ven

MANKAMUNYAR.

CHARYA Prefenentionis Utlagarie, is the form of Padon of a Man who is outlaw'd. See Owylaway.

GHARTEL, or CARTEL, a Letter of Definee, or a Chillenge to fingle Combat; much in ale when these Combats were prefits'd, for the deciding of difficult, and not otherwise to be determined Composeries at Law. See

not otherwise to be determind Controversies at Law. See Comax, Dorle, Champion, 25c. CHARTER, or CHARTA, an Instrument, or written Fridence of a thing under the Seal of a Prince, Lord, Church, Chapter, or Community. Bration Lays, Donations are fornetimes made in Controvers.

Braccon mys, 120manous are formetimes made in Courters, in perpetuam rei Memoriam. He adds, that of Charters time are Royal, others of private Perfons.

Of Royal, fome are Private, fome Common, force Uni-

versa,

private Charters, some are de purb Frosfamento,
others de conditionali Frosfamento, others of Recognition,
other or conditional, others of Confirmation, Sc.

Trans of the King, are those whereby 4 King makes a Grant to a Person, or Community; v. g. a Charter of Exemption, that a Person shall not be impanell'd on a Tory, 85c.

Jury, &c.

CHARTER of Pardon, is that whereby a Person is forgiven a Felony, or other Offence against the King's Crown
and Dignity. See Paranas.

and Highity. See Farbon.

Charren of the Forest, is that wherein the Laws of the Forest are comprized and established, together with the Moone Charten, or Great Charten. See Formar. Great CHARTER, or Magna Charta. See Magna Charta. The Word Charter comes from the Latin Charta, anti-

ently us'd for a publick or authentick Act, a Donation ently wid for a publick or authentick Act, a Dosation, Controlt, Etc. from the Gravel, géren, picke Paper, or Paper, or Paper, or Paper, or Marian Marian, Mortan Hollick Acts were used to be wrote.
Chararan-fand, in Law, is facth as a Man holds by Charter, that is, by Evidence in writing 3 otherwise call'd Freebold. See Francisco.

This the Saxons call'd Bookland; which Lambard renders, Terrs ex feripio. See Bockland.

It was held on more easy Conditions than the Fastiand; on Terra fine faripto, held without writing: the former being kareditaria, libera & immunis; whereas the latter centim tentitabat annum ataue officiarum quadam ferro-

SCC FOLKLAND. tuie eras obligatus. See Felherne, CHARTERPARTY, in Commerce, the Inftrument of Freightage; or Articles of Agreement for the Hire of a Vef-lel; or the lavoice or Cargo of a Veffel. See Falment, Se. The Charterparty is to be in writing; and to be fight of both by the Proprietor, or the Mailter of the Ship; and the Merchant who trights it.

Merchant who fireights it.

The Charter perty is to contain the Name and the Burden of the Veilel; those of the Master and the Freighter;
the Price or Rate of Freight; the Time of leading and
anloading; a nd the other Conditions agreed on.

anloading a and the other Conditions agreed on.
"Its properly a Deed, or Policy, whereby the Mafter or
Proprietor of the Veffel engages to familh immediately a
tight found Veffel, well equipped, caulk'd and flopped, provided with Anchors, Sais, Cordage, and all other Furnivided with Anchors, Sails, Cordage, and an orner remi-ture to make the Voyage requird, as Equipage, Hands, Victuals, and other Maultions; in confideration of a cer-tain Sam to be paid by the Merchant for the Freight. Laftly, the Ship, with all its Furniture, and the Cargo, are respectively subjected to the Conditions of the Characterists.

respectively fashedead on the Conditional of the Charrespars, The Chartesparsy dident form 2 siling I failing, in that the first like the earlier Preight, or Lading, and that both for going and returning; whereas the interes is only in a Fart The President Bayer key, the Word comes from beace, that per medium Charta incidentary, Eff for likest Charta garting, because in the Time when Nontries were left common, there was only as AEI of Convention for both Far-common, there was only as AEI of Convention for both Far-

ties: this they cut in two, and gave each his Portion, and join'd them together at their Return, to know if each had done his Part. This he observes to have seen practised in his Time; agreeable to the Method of the Romans, who,

his Time; agreeable to the Method of the Remants, who, in their Stipslations, and to break a Staff, each Party retaining a Moiety thereof as a Mark.

CHARTES Reddendis, a Wirt which lies against him that has Charters of Foodfment intrusted to his keeping, and resision to different them to the Owner.

CHARTOPHYLAX, an Office in the Chartch of Canadamater.

Caufes, and the right Arm of the Patriarch. He adds, that he was the Depository or Koeper of all the Chartest relating to the Ecclessifical Rights; that he presided over Martimonial Caufes, and was Judge of all the Clorgy. He drew up all Sentences and Decisions of the Patriarch, who ons of the Patriarch, who drew up all Sentences and Decisions of the Patriarch, who fight'd and feal'd them; prefided in the grand Council of the Patriarch, took cognizance of all Matters and Caufes Ecclefiaffical and Civil, whether among the Clergy, the Monks, or the Poople.

Monks, or the People.

He took place of all the Bishops; the himfelf only a Descen; and, on occasion, discharg'd the Functions of the Priess: He had twelve Notaries under him.

The Charteshuler was the forme at Conflortinable with

the Chartepoplex was the tame at Conflantinople with the Chartalary at Rame. See CHARTELARY. There were, in reality, two Officers who bore this Title; the one for the Court, the other for the Patriarch; the first the one for the Court, the other for the Patriarch; the first call'd also Registrator, and the latter Sevinerus: the the two are assally confounded together. Leunclavius, and others, confound Charroftelyia with Charrottery.

The Word is form of from 2272, and owarls, Custodio 5

and figuifies Charter-keeter.

and figuifics Charter-keeper.

CHARTEUSE, a Monaftery of Carthuffast; so call'd
from the Name of a fleep rocky Place, in a frightful Defact fire Leagues from Grandie in France; where 8.

Britton retir'd from the World, and first influence the Order of Carthuffaus. See Carthusian.

The Name has fince pased to all House of Carthusians.

and that near Grenoble, is now diffinguish'd by the Name of the treet Cherryana

of the great coerrespe.

That of London, corruptly call'd Charterboofe, is now converted into a College, call'd from its Founder Sutton's Hofpiral; first endow'd, with 4000 l. fer Austra, fince imwid to food It is to confift of decay'd Gentlemen, Soldiers, and Mer-

It is to confif of decay'd Gentlemen, Soldiers, and Mechants; eighty of whom have a plentiful Maintenance of Diet, Lodging, Clothes, Physick, &c. living together in a Collegiste manner; and of Scholars, or, Yooths, 44 of whom are taught, and supply'd with Necositrics, and such of them as are fit for the University four thinker, with an Exhibition of 20 L. per Aussen, for eight Years; the reft put to Trades.

par to Trades.

For the Superinstandency of this Hofsini, there are 15 Oreffors, or Regulaton, repointed by the King's Lenters Bright, and the Superinstandency of the Superin lien of the Pone

In the Greek Church, the Chartelary was call'd Chartephylar; but his Office was there much more confiderable; and some even distinguish the Chartulary from the Charand some even distinguish the Convincery from the contributes in the Greek Church. See Cuan recourt as CHASE, in Law, is us'd for a driving of Catrol to or

CHASE, in Law, is said for a driving of Cutel to or from say Place; as so a Differia, a Foreitz, Gr. Gr. Chast, or Chases, as this Place of Recture for the Chast, or Chases, as this Place of Recture for the a Park; being situally left than a Foreit, and no properties of the many Privileges; but wanning, or, Cours of Attack man, Suscaimer, and Pofiler South, Roce Renary. In the Charles of the Charles of the Charles of the Charles in greater Diversity of will Bealth, or Game, and more Kop-en than a Plack. See Park.

Crounteen observes, that a Forcit cannot be in the Hands Crossesson observes, that a rorest cannot be in the manus of a Subject, but it forthwith lofes its Name, and becomes a Chefe; in regard, all those Coarts lose their Nature when they come into the Hands of a Subject; and that ne but the King can make a Lord Chief Justice in Eyre

of the Forest. See Justice in Eyre.

Yet the fame Author adds, that a Forest may be granted by the King to a Subject, in so ample a manner, as that there may be a Court of Attachment, Swanimote, and a Court equivalent to a Justice Seat.

Chass, in the Sea Language, is to purfue a Ship; which is call'd also giving Chase.

which is call'd also greeng Chafe.

A flera Chanke, is when the Chafer follows the Chafed
a-flera, directly upon the fame Point of the Compaft. To
lie with a Ship's Fore-foot in a Chafe, is to fail, and meet
with het by the nearest Diffunce, and so to cross her in her Way, or to come a-crofs her Fore-front.

A Ship is faid to have sgood Chafe, when she is so built forward on, or a-stern, that she can carry many Guns to shoot forwards or backwards; and so hath either s good forward, or good ftern Chaft.

efulents to deliver them to the Owner.

CHARTOHILAX, an Office in the Church of Constitution, are fair whole Form are cither in the Head (and then they are used in elysing of others) or in the constitution, the constitution of the constitution of

CHASM of a tring, is the whole body of reciping Gold, taken within fide. See Grown king, or enriching Gold, CHASING, a Method of working, or enriching Gold, Silver, &c. properly called Enchaffing. See Enchasing.

CHASM. See Hiatus.

CHATELET, antiently fignify'd a little Caffle, or For-trefs, wherein the Chatelain, or Governour lodg'd. See CASTLE.

Castra.
At prefent, the Term is us'd for certain Courts of Juffice chabilith'd in feveral (titles in France: The press' Chatter in Paris, e.g., is the Place where the Predidal, or ordinary Court of Juffice of the Prevot of Paris is kept 2 contains to the prevot of Paris is kept 2 contains the pression of the prevot of Paris is kept 2 contains of the pression of the prevot of Paris is kept 2 contains of the prevot of Paris is kept 2 contains the prevot of Paris is kept 2 contains the prevoted by the Paris is the Paris in the Paris is the Paris in the Paris is the Paris in the Paris in the Paris in the Paris is the Paris in the Paris is used to be prevoted by the Paris in th Montpelier, Orleans, &c.

The little Chatelet at Paris, is an antient Fort, now ferving as a Prilon.

The Word is a Diminutive of Chateau, form'd from Caf-

tellum, a Diminutive of Castrum; or from Castellerum, a

Diminutive of Caffellum.

CHATTELS, Catalis, Catalia, a Norman Term, under which were antiently comprehended all moveable Goods; which were antenny comprehended all moreable Goods; which were antenny comprehended all moreable Goods; which immoreable height med Forfe, as we now far, Fee. But in the modern Social or immoreable, except feels are all continuous control of the Control of the

immodistely to the Perfon, but to fome other thing, by way of Dependance, as Charters of Lund, Applea upon a Tree, &c. or fach as necessarily issue out of fome immovable. Or fach as necessarily issue out of fome immovable. Thing to a Perfon, as a Lease, or Rents for Vienze. Systemen defines Chartes! to be gious questingue mobilise & immobilist. Sy reprint insures a benorum fart, que in ani-matibus confissa, a querium capitalus ver i pfe, lastes capita, and telle pine.

CHAUNTRY, or CHANTRY, was antiently a Church, or Chapel endow'd with Lands, or other yearly Revenue, for the Maintenance, formerly, of one or more Priefts, daily faying or finging Mais for the Soulsof the Donors, and fuch others as they appointed.

Hence, CHAUNTRY Rents, are Rents paid to the Crown

by the Servants, or Purchasers of Chaustry Lands.
CHAUF-WAX. See CHAPE-WAX.
CHAUSE-TRAPE. See CALTROP.

CHAUSSE-TRAFF, S ⁵⁰C ⁷CATTON.
CHIAZINZAMINA, S self of Heroicks, who refe in CHIAZINZAMINA, S self of Heroicks, who refe in Chiazing in the Valid Standards, which, in Greek, figure to the Copi, they being charpf with adoing the Copi successive of the Copi, they being charpf with adoing the Copi successive of the Copi, they being charpf with adoing the Copi successive of the Copi, they being charpf with adoing the Copi successive of the Copi, they being charpf with adoing the Copi successive of the Copi, they being charpf with a Copi and Copi, they be from the Copi and Copi, they be for the Copi and Copi, they be copied the Copi and Copi of their false Prophet Sergins ; which they call'd Array Lautres

The Word is form'd of the Armenian Chapus, Cross. In the Greek Text of Nicepherus, they are call'd Chatzintza-rians, partert des.

Trans, Nature, sees.

CHECK Roll, a Book containing the Names of fuch as are Attendants, and in pay to the King, or other great Perfons; as their Houshold Servants.

t is otherwise call'd the Chequer Roll. See Roll.

Clerk of the Checu, is an Officer in the King's Houshold, who has the Check and Controllment of the Yeomen bold, who has the Corek and Controllment of the Yoomen of the Guard, and all the Uffiers belonging to the Royal Family. See Yroman, &c. Caraca, in Falconry, is where a Hawk forfakes her na-tural Flight, to follow Rocks, Pics, or other Birds that

come in fight.

CHECKER. See Excuseyer.

CHECKY, in Heraldry, is where the Shield, or a part thereof, as a Bordure, See. is checquer'd, or divided into

thereon, as a Disease, Oct. is consequer a, or divided into Cheeguers, or Squares.

Where there is but one Row of Squares, it is not properly call'd Cheeky, but Countercomponed. See Countra-DMEONED

Checky, according to Colombiere, is one of the most noble Creasy, according to Commerce, is one of the most noble and antient Figures in all Armory; and ought never to be given, but to Perfusa who have diffinguished themselves in War: for it represents a Chef-Board, which it self is a Representation of a Field of Battel. The Pawns and Men, Representation of a Field of Battol. The Pawns and Men, placed on both Sides, reprefers the Soldiers of the two Armios; which move, attack, advance, or retire, according to the Will of the two Gametlers, who are the Generals. See Carsas.

Circky is always compos'd of Metal, and Colour. Some Authors would have it rank'd among the Sorts of Furs.

When the whole Efeutcheon is civeyur's, it should or dinarily centrin fix Ranges: There is no need or biaszon in the capter first on only it must be observed, to begin to give the control of the control of the control side. So that if that be Or, and the sext from the Must fide. So that if that be Or, and the sext from the control of Family is faid to bear Crebey Or and Gallet. When the whole Shield is not circum'r, but only the Chefe, a Beed, which were the control of the control prefs'

CHEEKS, a general Name, among Mechanicks, for al-most all those Ficces of their Machines and Instruments,

and all the state of the state

with a Lends to two other Pieces of Wood, placid perpendicality, cellid the Legg of the Lattle. See Lartle.
Cherks of the Gliffer? Vice, are two pieces of Iron, joint parallel at top and bottoms; in which are the Axis, or Spindles, tiltle Wheel, Cafalions, Ge, whereof the Machine is composed. See Vices.

Gliffield, a popular Food; being a Preparation of Milk Cafalided by means of Rennet, dryd, and hardend. See

MILE, RENET, Ec.

Cheefe is nothing but Milk purg'd of its Scrum, or Whey; and fometimes too of the Cream, or butyrous Part of the

Milk, See Butter. Chrefe, when new, is found to load the Stomach, by rea-fon of its Moifture and Vifeidity; and when too old, heats and inflames it by its Salts. The Physicians advife it to be eat in fmall Quantities; hence that Latin Verfe,

Casous ille bonus quem dat avara manus.

Dr. Quincy fays, it cannot be too old: The certain, the more it abounds with Salts, the more will it contribute to Digettion, and the clearing of the Stomach of other Food.

Indeed some condemnal lufe of Cleagle; sheltering thems felves under that antient Maxim, Cafeus oft nequam quod

Indicate antibe commence to the confirmed of newpoint good entire control of personal desires, of Coffee of newpoint good entire control of the Coffee of th

His Revunes is very confidentable, confilling of Preferen
made by the Alterbountes Princes, and Figurins, to the
Model Andreas and Medinary from during the 17 Days of
Developing and Medinary from during the 17 Days of
Developing on which account, be is every Year furnish
with a very confiderable Swan of Mancy from the Grand
Signies - The Devers or obtain this, be made to be the
Signies - The Devers or obtain this, be made to be the
Hilling Singles and that though the Samphe full lines, the algives in furner of Men, would make it up.
CHELONTIES, in Natural Hildry, a Stone Goad in
the filling Sicreys Soulbows, must client by Sounder
the falling Sicreys Soulbows, must client by Sounder
the falling Sicreys Soulbows must client by Sounder

the falling Sicknet

There is also a Stone bearing the same Name found in e Indian Tortoiles, which is said to have the Faculty of refifting Poilon. Some confound it with the Crapaudin, or

Foodflows.

The Stone takes its Name from 2016/89, a Sensilous.
CHELISEY-College, or Holpital. See Hospital.
CHEMISE, in Fortification, is a Wall wherewith a Bafom, or any other Bulwark of Earth, is lind; for its greater

tion, or any other Bulwark of Earth, is not a; for its greater Support and Strength.

Or it is the Solidity of the Wall, from the Talus to the Row. See Wart, Str.

Fire Chemias, is a piece of Linen Cloth, theey'd an a Composition of Oil of ferroad, Camphor, and other combatible Matters; as'd at Sea, to fee fire to the Entemy's

CHERRY Brandy, a Drink made of Plain Brandy, ith the Addition of Cherries. See BRANDY. The Cherries commonly us'd therein are of the black Kind; with these, a Bottle being half fill'd, is fill'd up with Brandy, or Spirits. The whole to be shaken up now

apa men; and in a Month's time it becomes fit for ufe.

To fweeten it, and improve the Flavour, fome chuse to
not in Sugar, with a Quantity of Rasherries CHERSONESUS, in Geography, a Peninfula; or a Continent almost incompate'd round with the Sea, only join-ing to the main Land by a narrow Neck, or Hibana. See

to the m

Pininuta.
This Term is u'd by the Moderns, in Complationce to the Artient, who call'd all their Penindulus by this Name: A Accordingly, fach Pacces as were hereby diffragainful anneagh them, restrict the Name among us; as the Cherfunglist of Polisionalful of Transe, Cherfunglis Clarifical Aures, Res.
The Word is Grovel, generally, which fignifies the fame

thing thing.

CHERUB, or CHERUBIN, a Celeftial Spirit, which, in the Hierarchy, is plac'd next in order to the Scraphine.

See Hierarchy, 1 See HIEARCHY.

They are painted red, to figuify that they are inflam'd with the Love of God.

The Word is form'd of the Hebrew 2772 Cheraby, the Planal whereof is Cheraban.

Plural whereof is Cherubian.

GEFERUN is also the Name of an antient Military Order in Seveden, otherwise call'd the Order of Sevaphins. It was inditated by Moguas IV. in 15354 and abolish'd by Covarlet IX. It took its Denomination from the golden Figures of Cherubian, whereof the Collar of the Order was

compov'd. CHESS, a fashionable Game, perform'd with little round Pieces of Wood, on a Board divided into 64 Squares; where Art and Address are so indifferentibly requisites, that Chance (seems to have no place; and a Person never locus

but by his own Fault.

but by his own Fault.

On each fide are eight Men, and as many Pawns, which are to be mov'd and fhifted, according to certain Rules and Laws of the Game.

and Laws of the Game.

Domains, on Terence's Emmeth, observes, that Pyrrbus, the most knowing and expert Prince of his Age, ranging a Battle, made use of the Men at Cloft to form his Defigns; and to fless the Secret thereof to other. Voigitans, in the second of the the Secret thereof to other. Voigitans, in his Life of Pracular, informs us, that one of the citi, in bis Life of Proculus, informs us, that one of the Reman Emperors had the Title Anguftss given him, be-cause of his gaining ten Games at Chess successively. To-meriane is recorded as a very expert Gamester at Chess.

Clock is doubtiefs a most antient and universal Game : Chef) is doubtele a most antient and universal Game: The common Opinion is, that it was invented by Pala-medes at the Siege of Troy. Others attribute the Inven-tion to Dismutes, who lived in the Time of Alexander: The Romance of the Role afterlies it to one Astralars, but the Truth is, the Game is so very antient, there is no trace-

the Trett is, the Game is for very nutices, there is no un-ing its Author.

In China it makes a confiderable Part of the Education In China it makes a confiderable Part of the Education in the China it makes the China in the China gramong us. In Spain, whole China challenge each either at Creft.

"John of Satisfary relates, that in a Battel Services the French and English, in try, an English Knight feising of "K.K. K. in Exchan in the Third Resident Into the Ground "Market English". The Prince Resident Into the Ground

The King is taken, that Prince thruck him to the Ground with his Sword, faying. Ne flais to has any echesion no

with his Sword, Javing. No fleais in pes que anne celeurs on no prend pes is Rey i Cardinal Costens, and other Cafuith, rank Cloffs in the Number of prohibited Games, as requiring too ment Ap-plication: And Montaigns blames it as too ferious for a Game.

Game.

Serrefin has a pecific Treatife on the different Opinions of the Chijin of the Lain Scheech's whence the French Exhest, and our Choff, it ferred. Afterage is allo very full fill the Chiff of th ram of the Romans, but mithkenly. This Opinion is constrained by Volins and Salmafast, who derive the Word from Calculus, as us'd for Laternuculus. G. Telafamis derives it from the Hebrew Schaeb, coalasts of mas, nonrous;

tive it from the Helve w Schaff, vallerit of met, morrous; whence Cleff and Glyb met. Febrician fays, a celebrated Profine Altreasmer, one Saxterofic, liverated the Game of Glyb, and gave it his one Name, which it fill bears in that Commy. Niend de-rives it from Schaff, or Dayer, a Memory Word for Lock, King, and Prince: Bletters with, that Saxes is originally the first of Bletters with, the Saxes is originally that the Commy. The Commy of the bable

CHEST, in Commerce, a kind of Measure, containing an uncertain Quantity of several Commedities. See Mea-SURF

SURE.

A Chieft of Sugar, v. g. contains from 10 to 15 hundred
Weight: A Chieft of Glish, from 200 to 500 Foot 5 of Caftic State, from 24 to 3 hundred Weight; of Indige, from
15 to 2 hundred Weight; five Score to the hundred.

CHEVAGE, or CHIEFAGE, according to Bratino, figurities a Tribute by the Head, or a kind of Pois/Moory administipation at Tribute by the Head, or a kind of Pois/Moory administipation with the North Totals, in acknowledgment. See Pois.

Money yearly gives to Man of Poisse, for the Bratinogo and Froncilion, as so their Celly, there is till a kind of the Poisse of the at Eafter.

Eafter.
The Word is form'd of the French Chef, Head.

CERTAL A Enife a large view of Timber piece'd, CHEVAL de Frife, a large piece of Timber piece'd, and travers'd with wooden Spikes, arm'd or pointed with

and travers'd with wooden Spikes, arm'd or pointed was Iron, five or fix Foot long. Its Ufe is to defind a Faffage, thop a Breach, or make a Retracehment to simp the Cavalry. 'Tis foractimes also meaned on Wheels, with Artificial

Fires, to roll down in on Affants

Fires, to roll down in an Assault.

Errard observes, that the Prince of Orange us'd to inclose his Camp with Chroness de Frife, laying them over

clotch is Camp with Chrosise de Frije, laying them over one another.

The Term properly fignifies a Frijeland Horje; as hav-ing been first invented in that Country.

In a Medèl of Licinius, is found a kind of Cleval de

In a Medal of Licintus, is found a kind of Green or Frife, made with Spikes interpor'd; ferving to express a for-tify'd Camp. CHEVALIER, a French Term, ordinatily fignifying a Knirbt. See Knight.

Knight. See Kuteur.
It is ut'd, in Heraldry, to fignify any Coveller, or Horfeman arm'd at all Points; by the Romans call'd Catesphrarus Figues, now out of ufc, and only to be feen in CoatArmour. See Equya, Muses, CATAPHRACTOS, Ed.
The Word is form'd of the French Cheval, Horfe; and

et of the Latin Greetles. CHEVELEE, a Term us'd by the French Heralds, to captes what we commonly call Streaming; i.e. the Stream
of Light darting from a Comer, by Aftronomers call'd its

CHEVERON, or CHEVRON, in He-raldry, one of the honourable Ordinaries of a Shield; representing two Rafters of a House join'd together, without any Division-

Hoale join'd together, without any Environ-Sec Ordinary, &c.

It deficends from the Chief towards the
Extremities of the Coat, in form of a Pair
of Compaffes half open: Thus, he bears

Gules, a Chevron Argent.

Gallet, a Chevrow Afgent.

The Chevrow is the Symbol of Protection, fay fome, or of Conflancy, according to others 1 Some fay it reprefers the Knight's Spars 2 others the Head-Attite of Prichtedicy others 2 piece of the Lift, or the Barrier or Fence of a Park. When it is alone, it fhould take up the third Part of the out: When 'tis accompany'd with any other Bearings, its Breadth must be adjusted thereby.

It is bore divers ways; forectimes in Chief, forectimes in Bafe, forectimes enarch'd, forectimes revers'd, &c.

The Cheveron is forectimes charg'd with another Cheve-

of its Height.

Reard

Two Cheverous are allow'd in the fame Field, but n more; when they exceed that Number, they are call'd Chemerouscile or Chemerousli. There are Chemerous of feveral Pieces

werd Freez.

A Chrysen is fild to be absigled, when in Foint does not approach the Head of the Chief, not reach further than she Middle of the Cost; sumitated, when it does not took the Extremes of the Cost; or eleven, when the upper that the cost of the Cost; or eleven, when the upper that the Angles; Farled, when one Banch it keymend he now Pieces; unwelod, when the Foint is turn'd lowards one file of the Efranches are offer event Mensi, or when Menal is opposed to Colora; inverted, when the Pieces is one of the Cost and Cost when the Pieces is one of the Cost and the Menal Cost and the Cost and the Cost and the Menal Cost and the C its Branches towards the Chief.

in Branches rowards the Chief.
A Coat is filled to be Chergrened, when it is fill'd with an equal Number of Cheerenet, of Colour and Metal.
Commerchergrows Z, is when it is for divided, as that Colour is reposed to Metal, and vice corple.
Part Chavanae, or Party for Chavanae, is when the Field is divided by only two fingle Lines, string from the coop Bair Penns, and meeting in a Point short, as the

Chetteren does CHEVERONEL, is a Diminutive of Cheucron; and as such only contains half a Cheucron.

Chevroner, or Chevroner, fightfies the Parting of the Shield feveral times Chevronavile. Gibbon fays, Chevr-

roune of fix.

CHIAOUS, an Officer in the Grand Signior's Cours, doing the Befiness of an Usher. H b b He

He bears Arms offensive and desensive; and has the Care of Prisoners of Diltinction. His Badge is a Staff co-ver'd with Silver, and he is arm'd with a Scimiter, Bow, and Arrow

The Emperor usually chases one of this Rank to fend as

The Emperor ularity chaics one of this Rank to fend as Embaffade to other Princes. The Word, in the original Tarkifb, fignifies Envoy. The Corsons are under the Direction of the Chisons-Bafebi, an Officer who affils at the Diran, and introduces those who shave Business there.

thole who have Butiness there. CHICANE, or Chicanry, in Law, an Abase of Judiciary Proceeding, tending to delay the Cause, and deceive or impose on the Judge or the Parties.

The French call Sallicitous, Attornies, &c. the Gens de

Chicago. CHICANE is also us'd in the Schools, for vain Sophisms, Diffinctions, and Subtilities, which immortalize Diffutes, and obscure the Truth; as the Chicane of Courts does

Tuitice. Meange derives the Word from Cioum, the Skin of a Pomegranate; whence the Spaniards have form'd their Chico, little, flender; Chicane being convertant about

CHIEF, a Term denoting Head; or a principal Thing,

CHIEF, a Term denoming Heida for a principal similar.

The Word is formed of the Perneds (Leff, Heida) of the
Greek nosse), Ceptus, Heida i the Menage derives it of Gapa, found of the Latin Gapat.

These, we say, the Chief of a Chief of the Girecta
with the Chief of the Circle of the Circle
with Melling (They The Romans functions refuel Trisumply, its trier villavirus Gravalis, by resign the Constall
of the Chief of the Conference in September 1, the Storech, See Traivaries. The Milway that are Chiefs of twen Order are all
Regulars, and its larer the general Chiefs.

Assev CHIEF-Fustice. See JUSTICE.

CHIEF-Futier. See JUSTICE.

CHIEF LOVE, is the Fendal Lord, or Lord of an Honour,
on whom others depend. See Lord; fee also Honour.

Holding in Chief. See Cafiel.

Chief, Chief, in Heralday, is the upper Part of the
Efentehoon, reaching quite across from fide to fide. See

EXCUTCH YOU Thus, we fay, The Arms of France are three golden Flower de Lys's, in a Field Azure; two in Chief, and one in Point.

in Pelat.

"Official image particularly wild for one of the become his Ordinaries, bore in the Cost. Sec Ordinaries." In piled absorve the Top of the Cost. Beat Pelate Top Top of the Cost. Beat Pelate is called the Cost. Beat Pelate is the Cost. Beat

chaig a wist with the Cost.

The Line that bounds is a Boroom is fonetimes first,
The Line that bounds is a Boroom is fonetimes first,
fonetimes indexed, engantle, enhanted, losenged, &c.
Thus, fay they, The Field is Gules, a Chief Argest, &c.
again, He bears Gules, a Chief Crencle, or embatted A

again, no sears Guint, and Angent.

Sometimes one Chief is bern on another; expected by a Line drawn along the upper Part of the Chief: When the Line is along the under Part, 'tis call'd a Filler. The first is an Addition of Honour, the second a Diminution. See

is an Addition of Hosoiat, the Pecona a Imministron. See
The Cyber is faid to be abstiffed, when 'its detach'd from
the upper Edge of the Coat, by the Colour of the Nield
which is over it; and which retrenches from it one third
of its Height. We also fay, a Cyber is chevered d, pated,
or bestaded, when it has a Cheveron, Pale, or Bend contigution to it, and of the fame Colour with it telf. It Chify is Edd to be [hipported], when the two thirds at top are of the Co-lour of the Field, and that at bottom of a different Colon.

Li Chief. By this is understood any thing born in the

Chief part, or top of the Efcatcheon.

CHEEF-Pleage, the fame as Headbarough. Sec.-HEAD-

JORGOSTI, SPAIR, SC. PRINTS, CHILDERTH, ST. GENERAL OF GENERAL OF

cures 'em CHILD, a Term of Relation to Parent. See PARENT; fee also MALE, and FEMALE.

Year.

She had 16 Children of her own Body; of which three dy'd young, and a fourth had no lifter: yet her Grandebildren, in the fecond Generation, amounted to 114; in the third to 28, and in the fourth to 900, all in her Lifetimes So that fhe could flay the fame as the Diffich does of one of the Thellays. Family at Rafil. of the Delburg's Family at Bafil.

Mater ait Nate dic Nate filia Natam,

Us moneat, Nata, plangere filiolam

Dr. Harris has an experie Treatife of the Difests of Children, De Morbis acuits Infantons. He takes can all to arise from the Humoust in the prime View growing four, and degenerating into Acidities: which is confirm drom their four Belches and Dejections. All that is required to

their four Beiches and Dejeltions. All that is required to care them, it to combat this Acidity; which is to be ei-fedded two ways; by difficing it to be creasured, and by acidial Execution by Rhabards, and other gentle Penguittee. The acidity of the Combat is the control of the Combat in the arth, their Remedies being two violents but Grahe Penguittee and Cause, o'their Edition to their bourse, Engelhells, Challs, Coast, Fearts, Beccars, burnt luvys, screnings of the Unicons's Hom, Artensian Bole, Titre Significat, and Lafri Hematics; the Ges Stone, and Sort of their Combat Coast Stone, and Sort of their Stone Stone, and Sort of Control on Waystanh. But or all their, but of their stone Stone Stone, and Sort of Control on Waystanh. But of all their, but prefers old Shells that have lain long on the Edge of the Sea, expos'd to the Sun; which is better than any Chymi-

CHILD-Bird. See PARTURITION, and DELIVERY.

CHILD-Wit, a Power to take a Fine of a Bond-Woman Chitin-Wife, a Power to take a Fine of a Bond-Woman unlewfully genter with Child.

Every required Father of a sup to the Lord for Fine 1 and the Every required Father of a sup to the Lord for Fine 1 and 2 and where, it found, Childred restricted to Fire, a swelland Bond-Women a Quicompute feerit Childwelt, Erchriptforgut ant tenne, and minutana Emerdations parton behelving, quientum off at Childwelt. Dat Congr.

manuscripting Patt of the Charles, held on the 18th of December, in memory of the Children of Bethildwen, mulfactured by order of Herrd. See Fature.

Charrye-Chitinean See Character-School, Housetta-Life-to-Houghton.

The Word is form'd of the Greek slass, Mille, a thousand. CHILIARCUS, an Officer in the Armies of the Anti-its, who had the Command of a thousand Men.

ents, who had the Command of a thoutand mean.
The Word comes from the Greek zities, shoufand, and

The womand and the control of the co

Authors and Travellers are exceedingly minute in their Aumors and Iravellers are exceedingly minute in their Deferiptions of the Chilminary a particularly Garcias de Silvas Figurras, Pietra de la Fulle, Chardin, and Le Bruss. A general Idea thereof, may be conceived as follows. There appear the Remains of near fourforce Columns;

the Fragments whereof are at least fix Foothigh: but there are only nineteen that can be call'd entire; with a twentieth

all alone, 150 Paces from the reft.

A Rock of black hard Marble, ferves for the Foundation of the Edifice.

of the Estitice.

The first Plan of the Building is ascended to by four-force and fifteen Steps cut in the Rock. The Gate of the Paince is twenty Foot wide; on one fide is the Figure of an Elephant, and on the other of a Rhinoccros, each thirty

Foot high, and of fishing Marke. Near their Asimita-ers are that Gate in partial, the the largest of a Popular of the Gate in partial, are the Market Popular Columns of white Mulber the Remains schored fleer the Magnifescene of the Work: the final left of their Columns for the Mulber the Remains schored fleer the Magnifescene of the Work: the final left of the Columns for Falving, their length glanch as only a breach the high-ned of the whole may be goolfd at, with the other Fro-cient of Mulbert (most on Galifa containing that the Virtual Falving of Mulbert, most on Galifa containing that the Virtual Falving Transfers are of a very contractionary Figure, refera-bing Transfers and Fyrentials.

bling Triangles and Pyramids.
Thefi noble Ruiss are now the Shelter of Beaths and
Birds of Pery. Beddes the Infeription abovementiond,
there are others in Makis, Perfans, and Greek. Dr. Hade
observer, that the Inferiptions are very rude and unartful;
and that fome, if not all of them, are in peais of Messander the Great, and therefore face than that Conqueror.

ster the Great, and therefore larce than that Conqueres.

M. Le Brun tells us, that the rook his Voyage to the
East-Indees merely for the fake of viewing the Chiminsor.

The Word comes from the *Fersion Televelenineary, forty
Towers, or Columns 4 on account of the furry Columns an encomous fine fee the three.

CHIMIRA, a fisholous Montler, which the Peers feight
to have the Hand of a Lion, the Belly of a Court, and the

to have the Head of a Lion, the Belly of a Gost, and the Tail of a Serpent, and to have been killed by Belleraphan, mounted on the Horfe Pezephi.

The Foundation of the Fable is this; that sutiently in Jyste there was a Valenta, or barning Mountain of this Name; the top whereof, which was debur, only inhabited by Liens; the middle, having good Paleure, by Gost; and the five, being marthy, by Serpense. Thus Oxid,

Bellerophon being the first who caus'd this Mountain to be ishabited, 'twes seign'd he slew the Chimera. Pliny says, the Fire thereof would kindle with Water, and extinguish with nothing but Earth or Dung.

tinguilli with nothing but hearth or bung.

CHIMES of a Clock, a kind of periodical Mufick, produc'd at certain Scafons of the Day, by a particular Apparatus added to a Clock. See Cue

To calculate Numbers for the Chimes, and to fit and di-vide the Chime-Barrel, it must be observed, That the Bar-rel must be as long in turning round, as you are in singing

rel must be as long in turning enoud, as you are in singing the Than it is to pair, and, in a bound as of central Data which run at the spirit, all, it may be made as of central Data which run attwart it, with a concentent Number of Blood pancied in them, to per in the Than that are to observe the spirit of the spirit of

make use of the Marfoul Nours where is must be observed, what is the Company to the Time, or bow many Notes, or Bolls, there are from the highest to the lowert; and according to the Company of the Comp

there mull be two Hammers to the Bell to firite it; 86 that if in all the Tunes you intend to chiese of eight Notes compaig, there flouid happen to be fach double Notes on every Bell; initiated of eight; you must have farmed Hammers; and accordingly you must divide the Barrel, and lake factors Prokes round it, yopofiet to each Hammer-Tail: Then you are to divide it round about, iero as many Divifious as there are Maderal Bars, Sentimeres, Miney Divifious are the Maderal Bars

nims, &c. in the Tune.
Thus, the hundredth Pfelm-Tune has twenty Semilireve Thus, the handrolds fields. Then has useray Semillerers, and cach Divideo of it is a Semillerers the first North or it alice is 4 feet as 6 millerers and therefore on the Chime-Baret ent util be a whole Divideo, from 5 to 5; as you may underland plinkly, if you conceive the Suries of a feet with the a whole Divideo, from 5 to 5; as you may underland plinkly, if you conceive the Suries of a feet whole of the control of the the Places of the Pins that play the Tune-

Indeed, if the Chines are to be complear, you ought to have a fee of Boils to the Gamus Notes; is on star each Boil having the two Sound of jd., i.e., if, no sumy play the complex of the complex of the complex of the means play both the Bdf and pray, may be this means play both the Bdf and pray the play the means play both the Bdf and pray the play the means play both the Bdf and pray refly it was the play the play the play the play the play the complex play the Namos of your Bells at the head of any Tune, that Tune may easily be runafered to the Guine-Barel, whother any Skill in Madck: But it must be chiere'd, that each Line in the Munick is three Notes diftant : that is, there is a Note between each Line, as well as upon it.

> The Mores of the son Plates

A Table for dividing the Chime-Barrel of the 100 Plalm.



CHIMIN, or CHEMIN, in Law, a Road, or Way.

E ROAD. Hence, CRIMINAGE, a Toll for Wayfarage thro's Forest. The Foudists call it *Pedseium*, See Pedage.

The remains can't reasonant, See Februs. CHIMNEY, in Architecture, a part of an Apartment, herein the Fire is made. See First.

GHIMNEY, in Architecture, a per of an Agarment, wherein the Fire is much. See Flat. B. (*) Sides, coming our perpendicularly, foundation of the High Fig. (*) Sides, coming our perpendicularly, foundation of the Junks: I have been a support of the High Fig. (*) Sides of the Back in American Common of Junks: I have been a support of the Mariel-Tere, and the Euror's, or Fernical Common of the Mariel-Tere, and the Hearth, or Fernical Common of the Mariel-Tere, and the Hearth, or Fernical Common of the Mariel-Tere, and the Hearth of the Mariel-Tere, and the Hearth of the Mariel-Tere, and the Hearth of the Mariel-Tere, and the Junks of the Mariel-Tere, and the Mariel-Tere, and the Mariel-Tere, a first the Mariel-Tere, a first the Linguist of the Mariel-Tere, and the Height never to executed at, left factor the linguist of the Mariel-Tere, and the

into the Room.

Some make the Funnel twifted, to prevent the Smoke's defeending too cally: but the better Expedient is to make the Funnel narrower at bottom than at rop; the Fire impelling it upward more cally when contraded at bottom; and in mounting, it finds more space to discussed it felf, and therefore has less occasion to return into the Chamber.

To present funcating CHIMNEYS, M. Luter advice two Heles, or two Pipes, one over the other, to be left in each fide of the Chimney; one floping upwards, the other down-wards: the oce of their, fays he, the Smoke will pair in

wards : the' one of these, 133 was an any polition.

2h l'Orme orders a Brais Ball full of Water, with one
2h l'Orme orders a Brais Ball full of Water, with one
3h l'Agenture, to be boug up to the Chimmey, as a Height
grown box, 'well sarriy and drive they'the at the Water
grown box, 'well sarriy and drive they'the attention
which will will drive up the Smoke that wou'd
other wike a kind of moreable Vane, or Weathercock
There where a kind of moreable Vane, or Weathercock Others place a kind of moveable Vane, or Weathercock a-top of the Chimney: fo that what way forcer the Wind comes, the Aperture of the Chimney will be skreen'd, and

the Smoke have free egrefs. Indeed, the best preven of a finching Chimney, icems to lie in the proper Situation of the Doors of the Room, and the apt falling back of the Back, and convenient gathering of the Wings and Breaft PSACK, BOG CONVENIENT STATES, BOG STATES, AND BYCART

"The a Rule, in Building, that no Timber to laid within 1s Inches of the Forefide of the Chimney Jambs, that all Joilto on the Back of the Chimney be laid with a Trim-

mer, at 6 Inches diffance from the Back; and 1 Timber be laid within the Funnel. Timber be laid within the Funnel.

Chimneys are afuelly lappos'd a modern Invention; the
Antients only making use of Stoves: But Obsauint Ferrareus endeavours to prove Chimneys in use among the Antients. To this End be cites the Authority of Vigil: Et jam fimma precul villarum culmina finnant. And that of Appian, who fays, 'That of those Persons proserib'd by 'the Triumvirate, some hid themselves in Wells, and Co-* aca, Compon-Borez; fome in the Tops of Houses, and * Chimneys; fur so he underflands servales traceples, Famaria fib tello posita. Add, that Arishophanes, in one of his Comedies, introduces his old Man, Polycleon, that up in a Chamber, whence he endeavours to make his Escape by the Chimney. However, the few Instances remaining among the Antients; together with the Obscurity of the Rules of Vitruotus on this Head, make us rather conclude the Ule of Stoves, whereof they had entire Apartments, made 'em neglect this Point of Building, which the Coldness of our

negact this four to fluinting, when the Colomes of our Climates obliges as to have a principal regard to.

In the Year 1713, appear of a French Book, entitled, La Mechanique du Feu, or The Art of augmenting the Effects, and diminishing the Expence of Fire, by M. Gateger i fince published in English, by Dr. Defaguiters: wherein the Author examines what Disposition of Chimneyi is most proper to augment the Heat; and proves Geometri-cally, that the Disposition of parallel Jambs, with the Back inclind, as in the common Chimneys, is less fitted for re-flecting Heat into the Room, than parabolical Jambs, with

facting Heat into the Room, than parabolical Jambs, with the bottom of the Tablette horizontal.

He given feven feveral Confirmations of his new Chimmers, and the manner of executing them. See Figs., M. Ganger, however, does not appear to be the first Inventor of the Chimmer's he describes the Description of a like Kindo being found in a German Book, princed at Leigh.

The Word Climney comes from the French Clemiter; and that from the Latin Caminata, a Chamber wherein is a Climney: Caminata, again, comes from Camina; and that from the Greek garde, a Chimney of sale, ure, it burn.

OHEMPEY-Jambs, are the Sides of a Chimney, usually flanding our perpendicularly, fometimes circularly, from the Back; on the Extremities whereof the Mantie-Tree refts. See JAMS.

CNIMNAY-Piece, in Building, a Composition of certain Mouldings, of Wood or Stone, standing on the Foreside of the Jambs, and coming over the Mantle-Tree. See MAN-

TILETON. THE MODEL OF THE MODEL. THE INPUT LIGHT OF THE MODEL OF THE M

It is of a ruddy brown Colour, bordering on black, with

Defended as malely between Coloner, bortering on hists, without fiele and whites, or reddifft, within Ir gross chiefly
in framy Paten, situally covered with the Sua a which, apsource and the state of the Sua and the Sua as which, and
It is citemed a fraction of the Blood, and wid as fach
it is citemed as fraction of the Blood, and wid as fach
it is citemed as fraction of the Blood, and wid as fach
it is citemed as fraction of the Blood, and wid as fach
it is considered, the state of the Blood, and wide as fach
is provided by the Coloner, the Sua and the Sua and the
People of Christ. See Lawten and.

For the Control Sua Coloner, that the Coloner Base on analogy
Words, which we all Monofallabes; as lead, they are precouncil do the Sua that there is no diffiguriting above comcouncil with a firenger or wester Thom, has different Sigmilications: Accordingly, where its accessably flocks it
makes a for or Manifes, with the sax cost Mesboy, that
Language.

Language.

As to Chinafe Charafters, they are as floquiar as the
Language: the Chinafe have not, like us, any Alphabet, containing the Riemens, or as it were the Principles of their
Words: In lieu of an Alphabet, they are a kind of Hieroglyphick; whereof they have above 8000. See Lary 18A.

CHIN-COUGH, a Dieste Children are cherry 18A. to. It confifts in a violent and immoderate congling, to a Danger of Suffocation. Letting of Blood, and Balfamicks, are the usual Cure.

CHIRAGRA, in Medicine, the Gout in the Hands, See

Gour.

6798. CHIROGRAPH, was anticorly a Deed, which require-ing a counterpart, was engroid twice on the fame piece of Parchment, counterwife; leaving a Space between, wherein was wore CHIROGRAPH; thre' the middle whereof was wore CHIROGRAPH; thre' the middle whereof the Parchment was cut, fometimes firstir, same.

whereof the Parchment was cut, fometimes first, fome-times indentedly; and a Moiety given to each of the Parties. This was afterwards call'd Dividenda, and Charte & vije; and was the fame with what we now call Charter. Party. See CHARTER-Party.

Flory, See Charten-Parry.

The first due of their Christoph with us, was in the Time of K. Henyy III. See Isbarrons, "Christoph, According to flow," a Deed was prompted of the Volkey, or Debon, and chirered to the Bayer, or Debon, and chirered to the Bayer, or Debon, and chirered to the Bayer, or Gredon. "Their Authors make the Christoph differ from a Syngreph, in this, that in the latter the World Syngreph was worse in the middle, and out who, in the manner just chiefer's different thing, the Christoph and the

manner of engroffing the Fines, and cutting the Parchment in two pieces, is fill retain'd in the Office, call'd the Cbi-rographer's Office. See Chirographer.

regrapher's Office. See CHIRAGORAPHER.

CHIRAGGRAPHER of Fraze, an Officer in the Common Pleas, who cognotion lines in that Court, acknowledged and paid by other Officers,) and who writes and deliver the Indentures thereof to the Parry. He makes two linesters, thereof to the Parry. He makes two locatests, one for the Boyer, the other for the Beller; and a third indentual Piece, constaining the Effect of the Figs. and call'd the Figs of the Fine; and deliver it is not to Cultum and call'd the Fine; and delivers it to the Cultum States. Brewism. The same Officer also, or his Deputy, pro-claims all Fines in Court every Term, and endorses the Proclamations on the backfide of the Foot; keeping, with-al, the Writ of Covenant and the Note of the Fine. See

al, the Wart of Accounts and net Socie of the rame, one
GHROMANCY, the Art of divining the Fart, Temper,
somest, and Disposition of a Feelon, by the Lines and
We have a Number of Authers on this vian and triling
Art; as Accountering, Fladds, and John & Badgingt
Tempers, and M. & & Chamber have done the bed.
Tempers, and M. & & Chamber have done the bed.
Tempers, and M. & & Chamber have done the bed.
Tempers, and M. & & Chamber have done the bed.
Tempers, and M. & & Chamber have done the bed.
Tempers, and the Society of the Martin, and the Internal Part
from Injecting the Hand 4, three being a very sear Relation between the Part or the Hand, and the internal Part
and Inclinations much depend. He adult, however, that the
Relate and Person of Corressorage are not inficiently and
the Raise and Person of Corressorage are not inficiently well verify d. He concludes, that there mult be a new Sect
Observations, made with julinical and Excilitates in ord
Art we Schere demany the Form and Soddiny which an
Art we Schere demany from the Greek Pays, Hand, and quarth,
The Word comes from the Greek Pays, Hand, and quarth,

The Word comes from the Greek 2019, Hand, and parrels,

CHIROTONIA, the Impetition of Hands, in conferring

any Picfilly Order. See Invostrion.

The Word comes from the Greek Zectrone, the Aftion of firetching out the Hands. And because the Antiens gave their Suffrages by firetching out the Hands, they gave the Name Chiracomis to the Election of Magistrates. See PLEBISCITA, OBDINANCES, &c.

***INSECTA**, URDINANCES, EC.

This Callom was fird elablified in Greece; as appear from an Oration of **Drangliveses* against **Neeres*, and that of **Ag-binnes* against **October 100 for **Neeres*, and that of **Ag-binnes* against **October 100 for **Neeres*, and the **Neeres* against **Neeres*, and was us'd by them, not only in Elections, but allo in Ordinations.

CHIRURGERY, popularly call'd Surgery, the third Branch of Medicine; confilting in Operations perform'd by the Hand, for the Cute of Wounds, and other Diforders Sec Madicinis

See Mincients.

Chruzgery in the dat of curing Wounds, and varies

Chruzgery in the dat of curing Wounds, and varies

Chruzgery in the date of curin, application of Topics.

Incidions, and Ampuration of the Body

Chruzgery is divided into Speculative, and Practical

Chruzgery is divided into Speculative, and Practical

All the Operation of Chruzger in the other teachers

All the Operation of Chruzger what has been feparately

and in called Spaceful.

and is call'd Synthesis.

The fectod divides, with Differenment, those Parts whole Union is prejudicial to Health; and is call'd Dietrofit.

The third extracts with Art foreign Bodies; call'd Exercitand the foreign Bodies; call'd Exercitand the foreith, call'd Press, (si); adds and applies what is wanting. See each Branch under its proper Head.

The principal Things that come under the Confidention The principal Taings that come under the Coemeration of Chirugery, are Tumors, Ulcers, Wounds, Differentiate and Fractions. See Wound, Ulcan, Tumon, Discorn-

TION AND FRACTURE

Chirurgest has the advantage of Medicine in the Solidity of its Foundation, the Certainty of its Operations, and the Senfibleness of its Effects; informuch, that those who deny Medicine to be of any fornificancy, yet allow the Ulafalack of Chirartery.

Ufefalock of Chirurgery.

Chirurgery is very antient; and even much more for than Medicine, whereof it now makes a Beasch. It was, in effect, the fole Medicine of the first Ages: they betaking themselves to the Care of external Disorders, e'er they came to examine or discover what related to the Care of

internal ones.

Apr., King of Egypt, is faid to be the first Ioventor of
Christoppy; after him, Affailaptus compand a Treasse of
Wounds and Ulers. He was succeeded by the Philofophers of the following Ages, in whose Hands Christoppy
wholly lay; Phydogras, Embedder, Farsandist, Demorring, Christo, Pion, Cleabrusters, who cur'd K. Antechnick Eyg. Ages.

tractives. Eps. Efc.

(b) reagery was cultivated with much more Estacline's

by Hisporiuse, than by any of the preceding Physicians is

by Hisporiuse, than by any of the preceding Physicians

is to did to have been perfected to Epsey, by Physicians

who wrote ferreal Volumes on that ladjed. Among the

Anamarus of Hermathies, and as Reary (Physicians)

Enthyllins, and Moyes, much it foundly, each in their Time
freedows was the first Chrarupow the Reasers received

into their Commonality is had him they foce after flood to

Dentit to the Caraba Martine, on accoss of this Caraba

Dentit to the Caraba Martine, on accoss of this Caraba.

in cutting off Limbs

in cutting off Limbs.
The more modern Authors, who have contributed mell to the Freikflion of Chivagary, are Param, Fal. ab. The contributed of Chivagary, are Param, Fal. ab. The Chivagary Chivagary, David Chivagary, Chivagary, David A. Defeription of all the Indiraction of the Chivagary, under the Title of Armanon-terium Chivagary and car Countryman, M. Hijfenna, Serjuca Chivagary to King Charlet II. a Folk Volume of Septem Chivagary to King Charlet II. a Folk Volume of

Serjeus-Chirurgeon to King Charles II. a Follo Volume of Chirurgical Tracilis, contining practical Obervations, both in refuelt to the Internals and Externals, of a Num-ber of Gales in each Branch of the Art, from ble own Ex-perience; under the Title of Several Chirurgical Tracil-fer. This Work has been made us of over fine, by the most knowing of our English Chirurgeous; and has been the Foundation of most Chirurgical Tracilis fine in Pai-

Anno 1676.

lication, Anno 1676.

The French Chirurgeons being refus'd to be admitted into the Universities, notwithitunding that their Art makes a Branch of Medicine, one of the four Faculties; makes a Branch of Medicine, one of the tour Faculties; on pretence of its bordering a little on Butchery, or Cracity; affociated themselves into a Brotherhood, under the Protection of S. Cosmus and S. Damian: on which account, according to the Laws of their Inditution, they are of each Month

They diftinguish between a Chirurgeon of the long Robe, and a Barber Chirurgeon: The first has study'd Physick, and is allow'd to wear a Gown.

and is allow'd to ware a Gown.

The Skill of the other, befide what relates to the Masagement of the Beard, is fappoul'd to be confined to the
more simple and early Operations in Chirangery; as Bleeding, Tombdrawing, &c. They were formerly diffitinguish'd
by Badges; those of the Gown hore a Cafe of Infirument; at
the Barber a Baton.

The Word Chirargery is form'd from the Greek 201s, mo-

The Word Chirmzery is formed from the Greek 29st, ment, Hand; and 4/fe, 9/stt, Operation.

CHISBEL, as Infiltrament much said in Scalpute, Mafourty, Joinery, Carpettry, 8/c.

Greeters, Chighest of different Kinds; the their chief
difference lies in their different Sine and Strengeth, as being
all the standard of Strell well flarapeal and temper'd; but they
have different Names, according to the different after to
have different Names, according to the different after to

have different Names, according to the different also to which they are applyd.

The Civifits used in Carpentry and Jeinery, ace, 1. The Forner, which is and first of all before the Paring Civified, and just after the Work is feriled. 2. The Paring Civif-fit, which has a fine finested Fedge, and is and to pare of the Civific Civifi to fmooth the Irrepulatities which the former makes. This too firence with a Maller, as the former is, but preful with the Shoulker of the Workman. 3. Show-former, and the Shoulker of the Workman. 4. Show-former, and samow Edge. 4. The Morrise-Chiff, which is morner, but very thick and throng, no endure hard Elines; and its or no a very broad Bail it is the fit no car deep figure as the same of the prepare the way for an Augre, and the other to cut such Wood as is to be rounded, hollow'd, &c. 6. Socker-Chyf-Jels, which are chiefly us'd by Carpenters, &c. have their

hank made with a hollow Socket at top, to receive a Sané made with a holter Secket at 100, to receive it frings words replie, fixed into it with a Shadeller. These Criffort are differentially a fixed into it with a Shadeller. The fixed fixed point of the contract of the fixed fix

CHIVALRY, or CHEVALRY, in Law, a Tenure of Land by Knight-Service; whereby the Tenant was antienti ound to perform a Service in War; to the King, or the mein bound to perform a Service in War; to the King, or the mean Lord of whom he held by that Tenure. See Service. By a Stratue of 12 Car. II. all Tenures by Chroalry, in Capue, See, are abolified. See Transe, Knight, and

CHIVES, or CHIEVES, a Term in Botton, which Mr.
Ray readers in Latin Apices, i.e. the final Knobs growing on the Ends of the fine Threads, or Stamma of Flow-

Sec Apices crs. See Affects.

But Dr. Green calls the Stamins, or Threads themfolves,
on which the Africas are fix'd, the Chines. See Stamina.

CHLAMYS, or CLAMYS, in Antiquity, a Military Ha-

bit, were by the Autients over the Tunies. See Tunies, Chiamy; was the fame, in Time of War, that the Tegs was in Time of Peace; Each belong'd to the Patricians. See Tona.

See Too.a.

There were four or five kinds of Chitamy; i that of Childree, of Women, and that of Mon; which was divided intoo that of the People, and that of the Emperor.

CHLOROSIS, in Medicine, 2 Difacts valgarly call'd
the Grava-Sickorft, Worker-Fammire, &c.

It what Subjects are Girls, Maios, and Widows; or

even Wives, whole Husbands are deficient, &c. It gives a pale, fallow, or livid Tincture to the Complexion, with a Circle of Violet under the Eves. The Patient is me-Circle of violet under the Eyes. Inc Labella is un-lancholy and unexfy; has frequently a low wandring Fe-ver, with an unequal Paile, Veniting, Heavine's, Listled-ne's, Droufineli, Difficulty of Breathing, Longing for abfurd

It comes on, commonly, antecedent to, or about the Time of the Erapsion of the Menfes. The Suppage of the Menfes is not always the Caufe of

this Differnper; for they forneri feldom, in the Progress thereof. for they sometimes flow regularly, the but

feldons, in the Progrefs thereof.

According to Essentier, the Supercition of the Menfes is rather the Effect than the Casefe.

The Care is chiefly to be attempted by Chalybeats and Bitters. In the colder Conflictations, Decotions of Guaiseaus

are found of sic The Word Charafts fignifies Greenness, Verdure; from

Herba, Grafs. CHOCOLATE, a Confection, or Patte, prepar'd of cer-trin Drugs; the Bafia, or Principal whereof, is the Caese Nut. See Caeso.

Nut. Sec Cacao.

The Name Chacetare is also given to a drink, prepar'd from this Patte, of a dustry Calour, loft, and oilty usually drank hos: a and effected a cot only an excellent Food, as being very mostifising, but also a good Medicine; at health a Diet, for keeping up the warmth of the Stomach, and affiliting Plantiti.

The Spaniards were the first who brought Chreelate in-The Commission were the first who brought Chroester into a for in Europe; and that, perhaps, as much out of interest, to have the better Market for their Caso Nuts, Abissot, Natislita, and other Drugs which their Weiß-Indies furnish, and which enter the Composition of Character; as nariani, and wince ener the Composition of Concute; as out of regard to those extraordinary Virtues, which their Authors to amply commerate. The Qualities above men-tiond, are what the generality of Phylicians and others al-low of it.

low of it. The Monter of making CROCCLATE.

The Method first and by the Agentural was very timple, and the times with the saw of the Indiances. They cold method from the CROCCLATE.

The Method first and by the Indiances They cold the Indiances They cold the Indiances They cold the Indiances Indi

This Drink the Mexicans call'd Chacolate, from Civean, I has Drink the satexteasy call'd Cheeckets, from Curson, Sound, and afte, or stare, Water 19.4. Water that makes a noise: from the Noise the Inframent as'd to agitate and prepare the Liquor, made in the Water.

But the Spannards, and other Nations, have fince added

a great Number of other Ingredients to the Composition of Checolate; all of which, Vamila alone excepted, spoil, rather than mend it.

Method of making Chocolate, now in use among the Spaniards of Mexico. The Fruit being gether'd from the Cacco Tree, is dry'd

in the Sun, and the Kernel taken out, and reafted at the Fire, in Iron Peels piere d full of Holes; then pounded in a Mortar; then ground on a Marble Stone, with a Grinder of the same Matter, till it he brought into the Confifer of the fame Matter, till it be brought into the Consi-tence of a Fafte, a mixing with it mere or lefs Sugar, as it is to be more or lefs fweet. In proportion as the Pathe ad-vances, they add fome long Pepper, a little Aebias, and lalily Fanille: Some add Cinnamon, Cloves, and Anis; and those who love Perfames, Mulk and Ambergris.

and those who love Fertumes, Mutk and Ambergris.
There is also a kind of Mexican Checolate in the Composition whereof there enter Almonds and Filherts; but 'it's rather to spare the Casae, than to render the Checolate better: and accordingly, this is look'd on as sophisticated

The CHOCOLATE made in Spain, differs somewhat from that made in Messico: For besides the Drugs us'd in this last, they add two or three Kinds of Flowers, Pods of Camund, they, and more where Kinks of Frovers, Pods of Campeles, and generally Almonds and Hash New. The vidial properties, at Material, it to a bundred Kennels of Cates, to add rwo Grains of Cibis, of Resired Propers, or in least proper to a contract of the Cates of Cates, and the Cates of Cates, and the Cates of Cates

large Rolls large Rolls.

Sometimes the Cakes are made up of pure Checolate, without any Admixture 1 these who use it being to add what Quantity they please of Sugar, Clanamon, and Vanilla, when in the Warer.

muse, when in the Water.

Among us, in England, the Chocolate is chiefly made
thus fimple and unmix d, (tho perhaps not unadulterated)
of the Kernel of the Catao; excepting that formetimes
Sagar, and formetimes Vanilla is added: any other Ingredients are Catac known among us.

The named Chocolate is althought to the discount.

The newest Checolate is offeem'd the best; the Drug never keeping well above two Years; but usually degene

rating much before that time.
"The kept in brown Paper, dispos'd in a Box; and that in another, in a dry Place.

in another, in a day Place.

The Manner of preparing the Maß into a Liquer, with
the Proportions, are various: Ordinarily, the Checelete is
boil'd in Water, fometimes in Milk; and fometimes, by
good Occonomitis, in Water Gruel: when boil'd, 'its mill'd, or agitated with a wooden Machine for the purpole, and boil'd again, till it be of the proper Confiltence for drink-ing; then fugar'd, if the Mals were pure; mill'd afresh;

and pour'd off. Note, the best Checolate is that which diffolves entirely in the Water, leaving no Grounds, or Sediment at the borrom of the Pot.

none, water, examp to tremen, or sommer at the botThree is a blighea among the Califfit, whether or not
Choulze beak the East The Negative is very fillily alforced by Car. Breast and the California of the California
Caco, than in a Panor of the Caco, than in a Caco of
Caco, than in a Panor of the Garden water of
the Caco, than in a Panor of the Garden of
the Caco, than in a Panor of the Garden
that there are annually will veriev Million of Founds of Segar in the Peparation thereof. The Spearant effects in
wars Closette: They are never known to quit it, excepting for form-order Laguer than vill facility. He was
CHOTE, they are never known to quit it, excepting for form-order Laguer than vill facility.

CHOTE, they are never known to quit it, excepting for form-order Laguer than vill facility.

CHOTE, they are never known to quit it, excepting for form-order Laguer than vill facility.

CHOTE, they are never known to quit it, excepting for form-order Laguer than vill facility.

CHOTE, they are never known to quit it, excepting for form-order and confidence of the CHOTE, where

CHURCH. The Chair is diffinguish'd from the Chancel, or Santhua-

The Cover is diffinguilit'd from the Cleancel, or Santiffus-ry, where the Communion is sciebated it as all forton the Natur, or Body of the Church, where the People affill. The Patron is faid to be oblig'd to repair the Choir of Church; and the Patrifilement the Nave. The Choir was not feparated from the Nave, till the Time of Confisations: From that Time the Choir was rail'd

in with a Ballufrade, with Currains drawn over; not to be open'd till after the Confectation.

opend till atter the Conferration.

In the XIII-Century they began to enclose the Chair
with Walls: But the antient Ballastrades have been fince
retlered; a cut of a View to the Beauty of the Architecture.
The Chautor is Master of the Chair. See Caranton.
In Numerics, the Chair is a large Hall, adopting to the
Body of the Chautor's sparated by a Grate, where the

Religious fing the Office.

The Word, according to Islatere, is derived a Coronis circumstantium; because, antiently, the Choristers were dif-

pos't round the Altar to fing a which is still the manner of building Altars among the Greeks.

CHOLAGOGUE, a Medicine which purges the Bile dosnoward. See Bills, Purearine, 250.

Of these teams are fingle, others compound; and both the one and the other dilinguisth d into three Kinds, with

CHO

regard to their Activity ; the benign, the moderate and

violent the violent.

Of the first kind are Manna, Cassia, Roses, Tamarinda, &c.

Of the fecond, Sona, Rhubarb, Aloes, &c.

Of the fecond, Sona, Rhubarb, Aloes, &c.

Of the third, Jalop, Scammony, &c. See each under its
Article, Manna, Cassia, Sina, &c.

The Word connect from pash, Bile, and sysue, to tead.

CHOLER. See BILE. CHOLERA-Morbus, a fudden overflowing of the Bile,

CHOLERA-Morbits, a tudden overnowing of the one; both upwarfs and downwards. See Birs.

It is fappord to have its rife from the great Abundance of billous Humours, which being very actimonious, veilicate the Membranes of the Stomach and Intellines; and by

that means occasion unusual and violent Contractions. "Tis very dangerous: Whence the French antiently cal-led it Trouffe-Galand.

It has its Name, either from the great Quantity of Cho-ler it evacuates; or because the Matter is incessantly ex-pell'd at the latestines, which they antiently call'd Cholades. pell'd at the latefilines, which they antiently call'd Glesiants, Dr. Sydenbum observes, it generally attacks about the latter end of Summer; and proceeds, not unfrequently, from Surfilies: That the Cure depends upon large Quant-ties of Chicken-Broth, drank fo as to excite Vomiting plan-rially, and that the Broth is all to be injected Clyiter-wife: after which, he fays, the Cure is to be completed by Landanum, given at proper latervals, and in proper

The Remedy in the Indies for the Cholera Morbus, or Mandochin, is to keep the Patient from drinking; and to burn the Soals of his Feet.

CHOLIDOCHUS, in Anatomy, a 'Term apply'd to a Canal, or Duft, called also Duftss Communis; form'd of the Union of the Porus Bilarius, and Duftus Cyfticus. See Ducy.

See Ducy.

The Chelidocus Ductus, passing obliquely to the lower End of the Ducdenum, serves to convey the Bile from the Liver to the Intellipes.

Expert of the intellines.

Some have imagin'd, that it convey'd the Bile from the Liver to the Gall-Bladder; bur it being obfore'd, that 'tis the Doubeauman, not the Gall-Bladder, that fwells upon blowing thro' this Duck; 'tis evident the Bile contain'd therein, is covery'd no where eife but to the Ducdenum. See Bile, Livea, Gall-Bladder, Sc.

26 Biles, Liver, Carl-21168 der, coc. The Word comes from the Greek χελ, and the Latin 1160, I draw, lead, &c. CHONDROGLOSSUM, in Anatomy, a very final! Pair

Done, I down, Jeal, 45°.

CHONDEAC LOSS mentaced by Perlyrys and Edward States and Control Perlyrys and Edward States and Control Perlyrys and Edward other Authors, exceedingly floor and narrow; a single flow rule cells give the States of the Disagon, where Authors are controlled to the States of the Tangens, where fone have questioned its Editione: but Nisure takes 6 Part of Models; a but we need not be in Edward to the Control Perlyr of the Control Perlyr of Models, that we need not one in the Control Perl of Models; a that we need not one in the Control Perl of Models; a that we need not one in the Control Perl of Models; a that we need not one the Control Perl of Models; a that we need not one the Control Perl of Models (A). Control Perlyr, a Nume, or exchanging Benefices.

Chyp Chron'd in will in an artistic Strate as a leading Trade, or Occupation, and Stone of the Judge Gip it was a base a thing permitted by Laws. CHOONS, or CHONNS, or CHONNS, a Frence liquid Monfares commissing but flow Prints. So the Navar & English Perls.

Chiffor of common Water weighs a *Peris Pound.

CHORD, or CORD, primarily denotes a flender Rope,

Cordige. See CORDAGE.

The Word is form'd of the Latin Clorede, and that from

The Word is formed of the Latin Georgia, and that tree the Greek people Gert, whereof Strings may be made. Growns, or Conns, in Mufick, are the Strings, or Lines, whose Vibrations the Senfation of Seund is excited; and by whole Divisions the Several Degrees of Tune are

and by whole Divisions the Jecreal Degrees of Two ex-determind. So: Sowm, and Twas:
Some fix, they are called Cords, or Chrotis, from the Greek Lynds, a Some the Hypfixing give to the Intelligent make of Gust: Others are made of Berli or Iron Wirel as their of South Wirel, in Harpindords, jeled a Sound al-most vive as through as the of Berli or Cord, in Berling of Sreel, yield a feeber Sound than those of Berlis as bentle both Kie heavy, and left delclin.

M. Perragit observes, that of late they have invented way of changing the Chards, to render their Sound more

a way of changing the Chevals, to render their Sound mere fivogs, without attering the Tone.

The fixth Cheval of Bafa-Viols, and the tenth of large Theoretos, conflit of so Threads, or Guts: There are found of them too Foot long, twitted and political with Equifo-tant, or Horie-Tail.

rum, or Horic-Tail.

For the Drivifion of Chord Ds., fo as to conflictute any given Interval, the Rules are as follow.

1. To affigu finds a Part of a Chord A B, as final confitute, any Convord, v. g. a Fitth, or any other Interval.

th the whole. Divide: A B into as many Parts, as the greatest Number the Interval has

Units ver the Fifth being 2:3, the Line is divided into 2. Of

Is divided into 3. Of thefe I take as many as the Lefter Number, e.g. 1 = A C; A C is the Part fought: That is, two Lines, whole Lengths are to each other as A B to A C, make a Fifth. Hence, if it be required to find feveral different Sections of the Line A B, e.g. inch as final he for sth and ad g. I reduce the given Karios 1: a, 2, 3 and 4: 5, to one Fun-

I reduce the given Kario $x_1, x_2, x_3, x_4 = x_4$; so the indiamonal; the Serie becomes a pri-4, $x_2 = x_3 = x_4$. The Findamonal is $x_3 = x_4$ and $x_4 = x_4 = x_4 = x_5$. The Findamonal is $x_3 = x_4$ and $x_4 = x_4$. Sections foughts are $x_4 = x_4$. The Findamonal is $x_4 = x_4$ and $x_4 = x_4$. The Findamonal is $x_4 = x_4$ and $x_4 = x_4$. The Findamonal is $x_4 = x_4$ and $x_4 =$

Reduce the three Ratios 4: 5, 1: 3, 1: 2, to one Series; hence we A-

have 8: 10: 15 : 20. Divide the Line into the Number of Parts of the 130. Divide the Line into the Number of rares of the greatest Extreme of the Series, viz. 30 5 we have the Sections fought at the Points of Division, answering the several Numbers of the Series, viz. at the Points, C, D, and fo as A C to AD is a Third, AD to AE a Fifth, to E; fo as A

2. To divide a Line A B into two Parts, to contain be-3. Yo stotise a Line R is into reto Parts, to contain se-cies them any Interval, v. g. a Fourth.

Add together the Numbers containing the Ratio of the

Add together the Numbers containing the Matio of the Interval, 0.5, 3:4; and the Line into as many Parts as the Sum, 0.6, 7; the Point of Di. 7 B vision answering to any of the given Numbers, 0.6, 4 or C, gives the thing fought.

gives the thing fought.

4. For the braneaust Dissipns of Cocons. To fail two Milliam of a Line, which with the whole flash to it may be a line, which with the whole flash to it may be committed Proposition, with regard a better flasmarity. Take any three Numbers in harmonical Proposition, as a support of the contract of the contract of the number of the contract of the fine the Numbers, on many fast, the Points of Division infecting the other two Numbers, 0.5, and 4, you have the Schlims for a Line, which Proposition Schlims of a Line, which First the committed, may be readed fails the temmental, many register in Spanning or whole fails the temmental, many register in Spanning on the contract of the contract

Take any three Numbers concord with each other, v.g. 2. 3. and 8, and divide the Line by the greatest; the Points of Division answering the other two give the Soctions fought.

 To divide a Chord AB, in the most simple manner,
 as to exhibit all the original Concords. Divide the Line ince two equal Parts at C, and fubdi-

vide the Part C B into equal

vide the Part C B into cqual
Parts a D 3 and again, the
Part C D 1 into two cqual Parts
at E. Here A C to AB is an OGave; AC to AD a
Fifth; AD to AB a Routh; AC to AE a Third; AE
to AD a Third; DC AE to EB a Sixth 9; AE to AB
a Sixth C. See Monocineth, for all Text, Concean, HARMONY, &c.

HAMMONY, UK.

Cloved is allowed in Musick, for the Note, or Tone to be reached, or flowaded; it is which South, it is applicable to all the Intervals of Musick. See Concept of the Coreta, or Tones. See Firm, 16c.

Clovan, Conson, in Concenty, a right Line cancelle in the Coreta, the Coreta, and Arch. See Ances.

Dr. it is a right Line, terminated at each Extreme in the Circumstance of an Arch. See Ances.

Conson, Conson, in Concenty, a right Line cancelle in the Commenter of the Conson Conson, in Concentre, and the Commenter of the Conson Conson, in Conso

tre; and dividing the Circle into two unequal Parts, call'd Sognetts: fuch is the Line A B, Plate Geometry, Fig. 6. The Chord of an Arch, is a right Line drawn from one Extremity of an Arch to the other; call'd also the Sublempe. The Chord of the Complement of an Arch, is the Chord that fubrands the reft of the Arch; or so much as makes up the Arch is Semiliciale. So Conservation.

up the Arch a Semicircle. See Complement.

The Chord is perpendicular to a Line drawn from Centre of the Circle to the Middle of the Arch, as CE; and has the fame Difposition thereto, as the Cord, or and has the time Disposition thereto, as the Crors, or String of a Bow, has to the Arrow: which occasion'd the antient Geometricians to call this Line the Chord of the antiest Geometricians to east this Line the Chord of the Arch, and the other the Segista, or Arrow; the former of which Names is full continu'd, the the latter is difu'd. What the Anticus cell'd Segista, is now term'd the New of the Complement. See Sacrema

e Complement. See SAGITTA.

Half the Chard of the double Arch Bo, is what we now

Half the Chud of the double Arch B o, is what we now call the Right Size; and the Exectio of the Radii by and the Sagitta o R, the Ferfled Size. See Sixx.

The Chud of an Angle, and the Chud of its Complement to a Semi-circle, are the fame thing. The Churd of 50 Degrees is also the Chuyd of 130.

so Degrees is also the Chyrd of 150.

This demonstrated, in Geremeny, that the Radius C E, bifficking the Churd B A in D, does also biffick the Arch in E, and is perpendicular to the Churd A B3, and dres verific. And also, in the represendant thereto; that it puffes the Churd A B4, and be perpendicular thereto; that it puffes they the Churc and does biffice both the Arch A E B, and the Circle A N R Hence we derive feveral ufeful Corollaries: as, 1. To di-

Hence we derive leveral uteful Corollanes: as, t. 10 civide a given Arch AB into two equal Parts. Draw a Perpendicular to the middle Point DE of the Chord AB. this biffects the given Arch A B

this bifficits the given Arch A B.

2. To deferibe a Circle, that fhall paß thro' any three
Points A, B, C, Fig. 7. From A and C deferibe Arches interfecting in D and E; and also others, G and H, from C
and B: draw the right lines D E and HG. The Point of Interfection I, is the Centre of the Circle to be deferib'd

thro' A, B, and C. ther A, B, and C.

"Bessight. For the Poince AC and CB are in the Parishers of forme Circle; and therefore, the Lines AC and CB are Clause." But ED is preparables to AC, and GH to BC are Clause. But ED is preparable to the AC, and GH thicks BC; wherefore each palies than's the Course. Now so DE and GH only intended: in 1, 1 will be the Course of a Grede, passing then the green Points AC, and Pagibory er Arch Lines, a stimulage there of the price in the Pagibory er Arch Lines, a stimulage there was to form, and the given to Course only so form, and the given to Course may be found, and the given

Hence alle, if three Peints of one Periphery do agree or incide with three Points of another; the whole Periphe-

ceincide with three Feans of another; the whole Feinpherica agree, and therefore the Circles are equal.
Hence, hally, every Triangle may be inferible in a Circle, Miller, every Triangle may be inferible in a Circle of the Circles and the A. B. (Eig., s) and it is Radius C. E. Arrive and the A. B. (Eig., s) and it is Radius C. E. Arrive and the Square of the Radius C. E. (abbrath the Square of all the given Clored A.D., the Remainder is the Square of a C. I. from which exercise the Square Research C. C. Common of A. E. and He. s, the Sump is the Square of A. E. Common of A. E. and He. s, the Sump is the Square of A. E. quares of A E and Eo; the Sum is the Square of A E whence, the reft heing extracted, we have the Chard of half the Arch A E.

Line of Chorns, is one of the Lines of the Sector and Plain Scale. See its Description and Use under the Words SECTOR, and PEAN SCALE.

Chorn, Chorna, in Anatomy, a little Nerve extended over the Membrana Tympani, or Dram of the Ear. See Transport

See Tympania,
Ananomikis are not agreed about the Ufc of the Chords
Tympani: Some fay, it ferves to vary and modify the
Sound of the Tympanium, in the fame manner are the
Strings, or Brace, thretch'd over the War-Drum. Others
will have it to be no more than a Branch of the fifth Pair. Con Eas

CHORDAPSUS, in Medicine, a Difease of the Intef-ees, otherwise call'd Misterer mei: The some say 'tis only a Species of the Militare, See Missenses

ly a Species of the Mojerere. See Maskarkark.

Gakte defines it, a Humeur or inflation of the final! In
refiline, which makes them appear fill², and firetch'd like

a Cherd. Archigester makes it a kind of Mijerery a con
fifting in a Tumor in a cersain Piace of the final! Intellines,

which finals in, and gives way to the Hand when profild!

He adds, that it's exceeding dangerous, and ordinarily kills

them. in three or four Hners, unless it come to Suppuration; which, however, does not take away all Danger.

which, however, does not take away all Danger.
The probable, however, that the Chrydalffut is in reality
nothing clife but the Misserve. Celfus informs us, that in
his Time they were the same thing.
The Word connes from the Greek zwike, Chord, and

origina, to tance.

CHORDEE, in Modicine, an Inflammation and Contraction of the France, and under Part of the Treats; to as to conder Precting passing. So EBECTION.

It happens in Gonortheas, and is generally proportional to the Diggree of the Franz received; for that to vivulent Geoortheas; it is alkally a very rosubletome Symptom. See

ONORRHEA

GONORRIEMA.

It proceeds from the Acrimony of the Matter which
runs from the Unchra, irritating the under Part of the
Yard; by which it is, as it were, ty'd or held forcibly
downward in Erechton, especially its Fraums. When the Acri Actimony is confiderable, it fometimes gives rife to unnatural Erections, or the Symptom call'd a Priapilm. See PRIAPISM. If the Chardes be violent, or does not decreade proposally to the other Symptoms in Gonortheas, an Emetic of

nally to the other Symptoms in Gonorrheas, an Emetic of Turpeth Mineral is ufually given with facects, it causing a Revultion from the Part. Sec Veneralal Difference CHOREA Samilt Visit, in Medicine, a Difference which forme Authors recken as an hylterical Case; and others a

Species of a Furer Uterium.

Species of a Furer Uterium:
It is support to proceed from a Turgency and Repletion of hot Julees, effectially in the Uterine Veffels, which
ruffes violent Motions 4 and that couly Females are affected
by it: But Dr. Sydewhem more properly observes it to be
an uniteral Convultion, which from times continues several
Weeks, may Months, without intermiffica.
Those affected with this Difficient, are continually in firange

Motions with rheir Head, Legs, and Arms; to that they are unfit to fied themselves. It differs from other Convuland Arms; to that they are unfit to fred themfelves. It differs from other Convu-fices, in that the Morious are not painful, nor any of the Extremities or Parts forcibly contracted, or extended for any time. Boys and Girls are most fubject to this Difeafe, and that from ren Years of Age to Puberry; the the latter

ofiner than the former

fometimes precedes the first Eruption of the Menfes ;

It fometimes precedes the first largetion of the Mendes, in which Cafe, proper Catharties, with Calomel and Deobstruents, are generally su'd; otherwise, Evacuations and
Anticeplepties, as in other nervous Differences.

It stakes the Name of Course Smith Fish, or Smith FiTay's Dance, from the Chapted St. First; yeards it was
fupped to feite Ferfens about Mage Which was the Time
of the Four Party visited that Chapted Which on make them and dance about in a firange manner. leap

CHOREPISCOPUS, an Epileopal Officer in the antient Church, about whose Function the Learned are extremely divided. See Bishop.

M. de la Reque thinks, that the Cherepitopi were the Country Biffiops, and had the fame Authority in Villages, that the Bifhops had in Chies; but that, by degrees, as that the Bilhiops had in Clifes s but that, by degrees, as the Chanth Goulifi'd, the Country Bilhiops grew too proud for the Country Life; and imagind the Epifcopal Honora delast'd, and render'd contemplible in a Raral Recreat. Accordingly, the Strade Council probibited the Conferen-tion of Bilhiops in the Country, or in little Towns a that the Epifcopal Charafter might always be fulfain'd by the Sulrador of the over Crife.

the EpiGood Chardler might aways be futured by the Spiender of goat Dist. to the Carmylgisty executed must be the EpiGood Dist. to the Carmylgisty executed and or the EpiGood Distallines in Country I Owne, (6x, yet where Anthority, but ever only a high thorn we reled with when when the Carmylgist of the Carmylgist of the Carmylgist which is that woo dildrarely by the Rwall Design, was no overteak, under the Billiops, back Partlers that they were absolidly by reaction they underly the Anthority of the Billiops. See I Rea A.Z. Design, we now will Billiops in particular to whome, in quality of Suffiguras, were committed the Administration of Discel-tification, were committed the Administration of Discel-tification, when the Carmylgist great the Carmylgist great Chefer rather thank, the Initiation of Chernylgisty great

fee, during the Biflop's ablence. See SUPFRAGAN.
Others rather think, the Inflitution of Corrept/opi gave
occasion to that of the Epifopi in partibus; which last,
however, have Privileges the others had not.
Lastly, others take the Charaficopi to be no more than
Prictis, welled by the Biflops with most of their Authority
Convent. Place.

in Country Place in Country Places.

The Conscile of Antiech, held in say, appeline, "That the Conscile of Antiech, held in say, appeline, "The choic in Burghs and Villages, all my country of the choice of the Country of the Country

The first time we read of Chorepicopi in the East, is in the Beginning of the IVth Century, and in the West, about the Year 439. They cear'd, both in the East and West, the Year 439. The in the Xth Century.

in the Kth Century.

The Word comes from the Greek 2009, a Region, or little Country, and Errann-B. Billoy.

CHORATERORY is all the Name of a Dignity fittl fubfitting in fome Cathedrals, particularly in Germany, figuritying the time with Court Epigliony, or Billiop of the Choir.

In the Clurch of Cologne, &c. the first Chantor is calld

Charepifeopus.
The Word, in this Scafe, does not come from 2003, but

ηθ., Cheir, &c. CHOREUS, CHOR EUS, a Foot in the Latin Poetry, more commonly call'd Treel aus. See TROCHEUS.

CHORIAMBUS, in the Latin Poetry, a Foot com-pounded of a Chorens, or Trachens; and an Iambus. It confifts of four Syllables; of which the first and last the middle ones floor

CHORION, the exterior Membrane that invells the Fatus in the Womb. See Forrus.

Fatus in the Womb. See Fox vos.

"Tis very thick and fireng 5 on the infide, where it joins another Membrane, call'd Ammies, very fanooth; but rough and aneven without fide; interfpers'd with a great number of Veffels, and faftend to the Martix, or Womb, by means of the Placents, which adheres very closely to See PLACENTA.
This Membrane is found in all Animals.

The Word comes from the Greek zwess, capere, to con-

The Chorien, with the Amnies and Placenta, make what

call the Secundane, or After-Birth. See SECUNDINE. CHORIST, or CHORISTER, a Chanter, or Singer in Sec CHOIR.

the Choir. See Choir.

CHOROBATES, a kind of Level us'd among the Antients; compos'd of a deuble Square, made in form of a T, dekrib'd by Virravius, Lib. viii. See Level.

The Word comes from the Greek persparae, to over-run

CHOROGRAPHY, the Art of making a Map, or De-

feription of iome Country, or Province.

Chrography is diffinguished from Geography, as the
Description of a particular Country is from that of the
whole Earth. See Gaognaphy.

whote Earth. See GEOGRAFHY.
From Topgraphy it is diffinguish'd, as the Defiription
of the same Country, is from that of a single Place in it.
The Word comes from the Greek year, Region.
CHOROIDES, or CHOROEIDES, in Anatomy, a
Transpired to several Parts of the Body; bearing some
refemblance to the Chorion.

The Word is form'd from the Greek yeis, Chorion, and h.h.a., to refemble; or each, Image, Likeneft.

Thus, Choroide; is us'd for the inner Membrane that im-

mediately invests the Brain; fo called as being intermingled with a great Number of Blood-Vessels, like the Choring but more usually call'd the Pio Mater, or Meninu tennis. but more usually care use See Manina, and Maten.

See Mastree, and Macras.

Pépena, or Leit, Crocostoras, is a Knor of Voiss and Artarics in the fore Vestricites of the Brain, wore out of the Branches of the Caronil, See Persays, and Baasts.

Che He, Condigmon to the Schrettier, See Persa.

Che He, condigmon to the Schrettier, See Pers.

Lis 1661, thin, and black; and its tame, or concave Surface, very fmooth and polite. It has in Name from its being interfaced with Verificht.

Persa. See Utra.

M. Mariette maintainis, that Vision is performed rather in the Caroline than the Resistant is which he agrees with Res. Ferromi, and in feconded by M. Mery y bur most other Trails. Eff.

THAN, 650: Mext under the Chornides is the Retine. Renglib, incleed, frsy, he has found another Tunk between the Circleed, frsy, he has found another Tunk between the CirVillage Reglibera. He Adds, that it grows fo firmly to
the Chornides, that 'its overlook'd in the common Diffettloma.
But Verleyers, the he found the Chernide of a Bird divilible into two Membranes, could sever feparate these of
the hamas Eyes; and therefore thinks they acceled nor TINA, EG.

any new Name.

The Choroides is black in Men; in Lions, Camels, Beats,

The Chresides is black in Men 3 in Loon, Carmin, Bellin, Steep, Cart, and most Fifties, of a fining Calour, lite the Brillian of Stern or In Calour, lite the Calour of the Eye. See Tayst.

CHORUS, in Demantic Pectry, one, or more Perform, prefut on the Stage during the Keppelenstrian, and lippord to be By-standers thereto, without any particular states of the Calour of the Eye Calour of the Eye Calour of the Eye See Tayst.

CHORUS, in Demantic Pectry, one, or more Perform, prefut on the Stage during the Keppelenstrian, and lippord to be By-standers thereto, without any particular of the Eye Calour of the Calour One Cal

ouste or anterest in the Aftion. See Drama.

Tragedy in its Origin, M. Dateier observes, was no more than a fingle Chorus, who trod the Stage alone, and without any other Aftons; finging Dithrambies, or Hymns in honour of Backetsi.

Thefpis, to relieve the Chorus, added an Actor, who re-hears'd the Adventures of fome of their Heroes. lut, finding a fingle Person too dry an Entertainment, added

a fecond; and at the fame time reduc'd the finging of the Chorus, to make more room for the Recitation. Every thing introduc'd between the four Songs of the Cherts, they call'd by the Term Epifode; and those four Songs made the four Intervals, or Acts of the Piece. See

EPISODE, ACT. &c.

EFISODE, ACT, CG.

But when once Tragedy began to be form'd, those Recitatives, or Episodes, which as first were only intended as acceffory Parts, to give the Chorus a breathing Time, became now the principal Part of the Tragedy: And where as,

as, before, they were taken from various Subjects, they e now all drawn from one and the fame

were now all drawn from one and the fame.

The Cherst, by degrees, became inferted and incorporated into the Action, to which it was only intended as an Addition or Comment. Sometimes the Cherst was to finek, and then their Chief, whom they call'd Coryphens, the chief of all the reft! The finging was perform? by the whole Company, 6 that when the Chrysphens firect in a Song, the Cherst immediately plaid him. See Common to the Cherst immediately plaid him.

Resides the four Songs, which made the Division of the Piece, and which were manag'd by the Chorus, the Chorus fometimes, alfo, join'd the Actors in the Course of the Re-presentation, with their Plaints and Lamenations; on occa-

preferration, with their Plaints and Lammenations; on occa-fion of any unhappy Accidents that beef lem.

But the proper Function of the Charat, now that Trage-dy was form'd, and that for which it feem'd chiefly re-tain'd, was to thew the Intervals of the Achs: While the Achs: were behind the Scenes, the Charas engaged the Spectacors; their Songs (wally turn'd on what was jude-sate of the Scenes of the Charas engaged the hibited; and were not to contain any thing but what was fulled to the Subject and had a natural Controlling with it : to that the Charas concurred with the Afters for advancing the Action

cing the Afkin.

This a Foul obferred in Euriphist's Tesgedies, that his Cherri's are detach'd from the Afkins, and not takes from the Afkins, and the Afkins of the Afkin the Clerus was not always to be mute, even in the Course

of the Afts.

of the Alt.

In the modern Tragellies, the Cherus is laid side, a such the Rollies fupply in Pace. M. Distance loads on this Regood of the Rollies fupply in Pace. M. Distance loads on this Regood of a goat part of its Lather. He hadd, that 'it is fine
curious to have a Tragek Allies bedee, and interrupted by
the Rollies of the Rollies of the Rollies of the Rollies
and the Specktarts, whose respond to the moral' by the Repreferation, become all of a fudden culor and only, break
they with a Foreign Entertainment. The Speckthrill human
of the Cherus he pulges necessiting, not only for the EmbelHillment and Rogardiary of the Porce a bet also, in regard it was one of its principal Functions, to redress and correct any Extravagancies that might fall from the Mouths of the Actors, when under any violent Passion, by prudent, and vir-

Actors, when under any voient Paison, by prudent, and vir-tuous Refiglions.

That which occasion'd the Supprefisor of the Cherns, was its being incompatible with certain Complots, and fe-cret Deliberations of the Actors. For "its in no wife pro-bable, that fach Machinations should be carry'd on in the Eyes of Persons interested in the Action. As the Charast therefore, never went off the Stage, there form'd a Neces-fity of laying it afide, to give the greater Probability to these kind of Intrigues, which require Secrecy. See Taa-

M. Decier observes, there was a Chorns, or Grex, also In the antient Comedy; but that too is suppressed in the new: chiefly because made use of to reprove Vices, by at-tacking Perious. See Commun.

tracking Revious. See COMENT.

The Chours in Connedly was at first no more than a single
Person, who spoke in the anticut Composares for the Stage:
The Poets, by degrees, added to him another; then two,
afterwards three, and at last more: 50 that the most antient Connedics had nothing but the Chorus, and were only fo many Lectures of Virtue.

To give the Chonus, among the Greeks, was to puechase a Dramatic Piece of the Poet, and defray the Expenses of

its Reprefentation.

a Demmite Piece of the Pees, and definy the Espences of The Pees, who did this was cally Covergue. At the Arter, the Charge of Covergue was laid on the Arterbon, at Ream on the Editor. See Clean Martin Periods of a Song, the whole Company are to job at the Singer, in recenting central Coupless, or Version. Cleanmantees, and with various Epitheria, at a control of Covernit Coupless, or Version. Cleanmantees, and with various Epitheria at a Piece, w.g. a Mill. Concer. Lead, incombing stanced to a Piece, w.g. a Mill. Concer. Lead, incombing at the Covernit Coupless, or Version. Clean Covernit Coupless, and which may be transported from piace to piace. Covernit and Editor, in the analysis, to be say high Coperacy, but not by Covernit C

Baptifm, Confirmation, Ordination, and Extreme Unction. See Oil, Ordination, Extreme Unction, &c.

The Christin is prepard on Holy Thursday with a world of Ceremony. In Spain, Yous antiently the Cuttom for the Elifup to take one third of a Sel for the Christin diffribated to each Church 5 on account of the Balliam that

bated to each Church; on account of the Ballam that co-ter'd its Composition.

In England we had likewise Charses Pence, Cirifinatis Denserii, or Cirifinates Denserii; which was a Tribute paid to the Bissop by the Parish Clergy, for their Christia, confectated at Enfler for the ensuing Year: but this was

officerated at Engler for the enum The Word comes from the Greek yearns, which fignifies the fame thing

the finne thing.

Da Cange observes, there are two Kinds of Chrism;
the one prepard of Oil and Baliam, u'd in Baptism, Confirmation, and Ordination; the other of Oil alone, conferrated mation, and Oromation; the other or On 21000, contectuous by the Bishop, us'd antiently for the Catechumens, and fill in Extreme Unition

59 the number and sentently to the Association, has we man a sentently to the Association of The Advances, before the Time of britis Referenciate, befolde Oli and Bullam, wid Math, Saffrow, Ginnmon, Rades, while Incades, and feereal other Drupt mentioned to the Association of th

cloth, or piece of Linen laid over the Child's Head when he was baptis'd.

he was bejeit d.

Whence, in our Bills of Morality, fiels Children which
de in the Month are cail'd Genfluty and the Time bereven the Child Their and Rapefin, so cailed Genfluts,
or and the Children of th

tenumafis, to dencee a Person sent from Gro, an annual Prophet, or Friesh, &c.
Order of Crasser, a Military Order, founded in 1518, by Denis I. King of Partingal, to animate his Nobles a-

gainst the Ashors.

Pope John confirm'd it in 1320, and appointed the
Knights the Rule of S. Brunet, Alexander VI. permitted

them to marry.

The Order became afterwards infenfibly reunited to the Crown of Partigal; and the King took upon him the Administration thereof.

minifization thereof.

The Ams of the Order are, Guies, a Patriarchal Crefs, chargd with another Crefs Argent. They had their Refi-dence, at fift, at Ceffromarin; afterwards they removed to the City of Temmar, as being meater the Moors of Anda-

lusia, and Estramedura. Cirift is also the Name of a Military Order in Livenia, inflituted in 1205, by Albert Bishop of Rigs. The End of their Institution was to defend the new Christians who

were converted every Day in Livonia, but perfecuted by the Heathers.

the Heathers.

They were on their Clokes a Sword with a Croß over it;
whence they were allo denominated Breakers of the Sword.

CHRISTENING. See Bartism.

CHRISTIAN, fomething that relates to Chriff. See

CHAIST.

The King of France beats the Title, or Sitname of the Maß Cariflian King, Res Cariflianiflians. The French Antiquaries trace the Origin of the Appellation up to Gregory the Great; who writing a Letter to Charles Martel, occasionally gave him that Title, which his Successor bave fince retained. See Title.

Lamberius, a German, in the Illd Tome of the Empe-Lamberrat, a terrana, in the IIId Yome of the Lamper's Library, holds, that the Quality of Moft Chrystian was not askibld to the antient French Kings, Louis le Debouars, &c. as Kings of France, but as Emperous of Germany y but the French Hildrains have reflicted this Plea.

CHRITTIAN Religion, that inflitted by Joshu Christ.

CERISTIAN Religion, that infiltuted by Jefus Cerell.

SEC RELIGION, and REVILLATION.

CRESTIAN Name, that given at Baptifin. See NAME.

CRESTIAN Church. See Course.i.

CRESTIAN Church, or Carria Christianistis, is the Ecclesian Judicial Cours, which are call'd King's Courte, Curta Dimini Regis. See

CHRISTIAN is peculiarly and absolutely us'd for a Person who believes in Christ, and is baptiz'd in his Name.

The Name Christian was first given at Antioch, to such as believed in Christ, as we read in the Acts: Till that time they were call'd Distributes.

time they were call'd Dipiples.

CHRISTIANS of St. John, a Sect of Christians, very
numerous in Baljars and the neighbouring Towns.

They formerly inhabited along the River Jordon, where
St. John baptir'd; and twas thence they had their Name.

But after the Madometans became Masters of Palestines,

But siter the Melosantess became Marken of Pedishira, they retrid has Molytensia is suffered of Pedishira, they retrid has Molytensia is suffered of the New Melosantess of the State of th

of an Election.

CHRISTIANS of S. Thomas, or San Thomas, a Sed of antient Christians of the Christians of the Christians of the Christians touch dat the Port of Calecut; who pretend to be defeended from thofe S. Thomas converted in the Indies: whence the Name.

where the Name.
The Native call 'em, by way of Contempt, Niscarsus; their more bosourable Appellation is Mapping.
Some learned Man in Eugle it; to you so St. Thomas
the Apolle that converted that Country, but mother Or.
Thomas. "The crustin they are Notheria, and have been
to a long time; informet, that Challitass of St. Thomas, is not contracted to the Country of the Country of the Country of the
They have a Partirete, who retiles at Applial.
The Tay have a Partirete, who retiles at Applial.
The Tay the mandel berrall Attempts to reduce 'on un-

der his Obedience, but to no purpose. CHRISTMAS, the Feast of the Nativity of Jesus Christ.

CHRISTAMAS, the Featt of the Nativity of Jens Carin.
See Frank, Nativity, Ed.
It appears from S. Chrysoftens, that in the primitive
Times, Christmas and Epishamy were celebrated as one
and the fame Featt. That Father observes, it was but a
little while that Christmas had been celebrated at Anticoh

on the 15th of December, as a diffind Feaft; and that the Ufe thereof came from the West. He adds, that the Armeniass made but one Feath of them, as low as the XIIth Century. See Errenany.

CHRISTOLYTES, a Sect of Hereticks mention'd by Demasfernut; fo call'd, because they destroy'd Cirrist: maintaining, that he descended into Hell, Body and Soul; and that he left both there; afcending to Heaven with his

Divinity alone.

The Word comes from the Greek xeets, and how, I re-CHROMA, in Rhetoric, a Colour, or fair Presence. Sec

The Word is Greek худия, which literally denotes Colour. Сикома, in Musick. See Сикоматис. CHROMATIC, in the antient Musick, the fecond of the Genera, or Kinds, into which the Confonant Intervals were subdivided into their concinnous Parts. See Graves.

The other two Kinds were, the Eubarmonic, and the The Circumstic abounds in Semitones: It had its Name,

The Corometric abounds in Semitones: It had its Name, either by readon the Greeks marked it with the Character of Colour, which they call zewaes 3 or, as P. Parran fays, because the Chrometric Kind is a Medium between the other two, as Colour is between black and white: or because the Chrometric Kind varies and embellishes the Discussion of the Chrometric Kind varies and embellishes the Discussion of the Chrometric Kind varies and embellishes the Discussion of the Chrometric Kind varies and embellishes the Discussion of the Chrometric Kind varies and embellishes the Discussion of the Chrometric Kind varies and embellishes the Chrometric Kind varies and embellish caule the Chromatic Kind varies and embellifies the Dis-trict Kind, by its Semitones, within have the tame Biffed the Kind, by its Semitones, which have the tame Biffed Aritheomet divides the Chromatic Gena into three Spe-cies; the Adule, Humislan, and Vanciana. Pelemy into Abile or Antiquum, and Interfam. See Seresas, and Concerts the Molle expedits a Propertion by final Inter-vals, the Literafum by greater. The Chromatic and Enheromic Kinds, only contain

The Chromatic and Enharmonic Kinds, only contain the smallest of the Diatonic Degrees, so as they have the same proportion to the Diatonic, as Fractions have to In-

regen. Zhettin, and after him Zertin, attribute the Invention of the Circumstic German to Timedraria Middling, in the Great Common of the Circumstic German to Timedraria Middling, in the Great State of the Circle, by person to its folfmed, the their Circle, by person of its folfmed, the Antenne could make of the Division, and Salabrica. Middling of the Antenne could make of the Division, and Salabrica the Antenne could make the Great State of the Antenne could read to the Circle State of the Antenne could be under the Circle State of the Ci

CHROMATIC is us'd, in Painting, for the Colouring; which makes the third Part of the Art of Painting. See ConounCHRONIC, CHRONICAL, in Medicine, is applyed to a flow, or invertexate Difease, which lasts a long time, as the Gout, Hemorrhoids, Fistula, Drops, Asthona, &c. See Disease

Sec DISEASE.

Chronic Diffeases thand in opposition to acute Difeases, which are speedy, and hatten to a Crisis; as Fevers, Small. Pear, Sec. Sec Acutr.

Chronic Difeases are usually owing either to force natural control of the con

Chronic Diffeates are utually owing enter to order material polecket in the Conflictation, or to an irregular manner of living. The Word comes from the Greek 25% 7 Fines. Moth of the Chronical Diffeates, fays Dr. Cheyara Life Infirmities of old Age, and the floor Periods of the Lives 1. The incident of the Chronical Chronic of Englishmen, are owing to Repletion: This is evident hence, that Evacuation of one kind or another, is nine Patts in ten of their Romedy. See Rapletion, and Eva-

CHATION

The Sources of Chronical Diffempers, fays the fame Author, are, r. Viscidity in the Juices, or the overlargeness of their conflitment Particles; which not being sufficiently of their conflirent Particles; which not being uniscenty broken by the concective Powers, flop, or retard the Car-culation. Or, z. Too great abundance of flarp acrimend-ous Salts; whereby the Juices themselves are rendered in corrotive, as to burlet ower out the Solids. Or, z. A. Re-laxation, or want of a due Force and Springiness of the So-

An Excels in the Quantity of our Meat and Drink begets the fifth, the bad Condition of the same Foods the second

the first; the bad Coodition of the same Foods the second, and both together, with want of due Exercife, the third, See Foon, Exercise, US.

CHRONICLE, CHRONICON, a History digested in order of Time; the the Term is foldown and but for old Histories, as Hollinghed's Chronicle, Story's Chronicle, See. Sec HISTORY, ESC.

CHRONOGRAM, a kind of Verfe, the figurative, or numeral Letters thereof, being join'd together, make up the Year of our Lord, &c. The Word is compos'd of rest G. Time, and resume.

There is more difficulty in Correnting than every one is ware of: It requires not only the Knowledge of Altronomy and Geography, and confequently that of Arithmetic Cocurrey, and Trigonometry, both plain and fiperical; but allo a world of Application to the amient Monuments. In alle a very great 1 the staff one of the Eyes of Hillory; and ferres good Parpoles in Theology. The Word is composabled to the Greek 2xth Gr. Time.

and Ary G. Difeourje

and hopfe, Difference:

The more considered Writers on Clevendegy, smoong the Andreans, are Julian Agrications in the IIId Contary; Discharges are Julian Agrications in the IIId Contary; Discharges and Annoug the Machane, Backe, Facultion, Morestore, Life, Annough the Machane, Backe, Facultion, Marchane, Beleisen, and Collection, Hardwister, Option, Uffer, Machane, Beleisen, Collection, Andrean, Gaption, Uffer, Machane, Beleisen, Collection, Annual Contagnation, Contagnatio

Name Cornemeter 3 particularly one deferibed by M. Sau-evar, in his Primeiples of Acoustics.

The Word is composed of Kerr®, Time, and surger, men-

Meafure CHRYSALIS, a Term us'd by the modern Writers of Natural Hillory of Infects, in the fame Scale with Nyss-phs. See Nympha.

prof. Sec NYMPHA.

The Word feems to imply a peculiar yellow, or golder Golour, dual in the Nympha; from the Greek xymvG. Gold: but this is purely accidental, and is not found in all Nympha. Some confine the Word to the Nympha of Butterflies and Moths.

and Meth.

GHRYSARGYRUM, a Tribute formedy levyd on Courtchas, and other Perfors of cvil Life.

Zentima flys, that Conflations fifther in on fixed 5 the three appear form Urices of it in the Life of Congule by Sectional's 3 and that of Mexandre by Emphysian. Experiment Syst., Conflations found it exhibitly d, and and form Thoughts of should first.

Thoughts of should form form its 1-stone flys, all persy Traditions were links in a it. It was a belief by designificant.

In Calour is various, according to that of the Martes in which it is found yellow if among Gold, which in filter, green in Copper, and Mack in Lead. The drute, and In-behinston of Discovations, call it Thompson, or Strand; all In-behinston of Discovations, call it Thompson, and the Common Benze.

The belt is that which is green, this can Emerall, found among Copper; that found among the other Metals is not much waiff.

much walfid.

Some reckon the Chryscolls a Species of Nitre.

The Phyticians are it in the Cure of Wounds: Some make an Artificial Chryscolle, by mixing a little of the Natural, fleepld in Water, with Wood.

The Term is form'd of the Greek 2000@, 6018, and

whan Give See Bonay

stone, Girc. Sec. Bonn.v..

Charvecount. is also the Name of a fort of precious

Succ., mention'd by Pility, L. xxxvii. cap. ro. who also

Succ., mention'd by Pility, L. xxxvii. cap. ro. who also

said to displayer of a Success of the Success of the Colors,

and not displayer of a Success of the Success of the Success

But this, is all probability, is fabbility, as the Succe

faceta of is amazently so other than the Cryptilit.

CHRYSOLITE, a precious Succe of a yellow Colors.

Car Pranton Comme

e Pascious acone. The Chrystate is the Topsz of the Moderns. See Topaz. Our very revisable a consider Name which the Antients save to all precious Stones, wherein the vellow, or gold, was

the prevailing Colour.

the necrolling Colour.

When the Some was green, they call'd it Chryspaedin: the red and blue too had their particular Prominisations for the red and blue too had their particular Prominisations of the Chryspaedin of the C

CHRYSTALLINE.
CHRYSTALLINE.
CHRYSTALLINE.
CHRSTALLIZATION. CHRYSTAL Mineral, the fame as Sal Princella. See

PRUNELLA.

CHUPMESSAHITES, a Sect among the Mahamataux, who believe that Jefur Chrift is God, and the true Meffath, the Redeemer of the World; but without rendring him any publick or declar'd Worship.

Riceut fays, there are abundance of these Computingships among the People of Enthion in Turby, and some even

in the Sersglio. The Word, in the Turkifb Language, fignifies Protec-

tor of the Christians. or the Christians.

CHURCH, the Affembly of Perfons united by the Profifting of the fame Christian Faith, and the Participation

of the fame Sacrament

Sometimes, we confider Church in a more extensive

Scnie, and divide it into feveral Branches.

The Church Militari is the Affembly of Faithful on Earth; Church Triumphant, that of the Faithful already Earth; Courch Triumphoust, that of the Esthibal levels in Glory: to which the Citholics add the Church Patient, that of the Faithful already in Glory: to which the Citholics add the Church Patient, The Term Etcliffa; sustaint, Sprangenous with our Church, is said in the Greek and Latin profuse Authors for say the Church in the Church of the Church and Church in Church in Church and Church in Church in the Church in the

The Sarred and Ecclefialfical Writers fornetimes also use it in the same Sense; but ordinarily referain the Term to the Christians; as the Term Synogogue, which originally

M. Guian thinks, the Chyfergram was a generil Trifignifica nearly the fine thinks, it is like manner reitarial'
the first of the firs

and Letin.

Greek, or Enferm Church, comprehends the Churches
of all the Conotries antiently subject to the Greek, or Enfere
tern Empire; and thro' which their Language was carry'd. ie. all the Space extended from Greece to Melopotamia and 12. all the opace extended from Greece to Mejoposamia and Perfia, and thence into Egypt; which has been divided ever fince the Time of the Emperor Photius, from the Roman times the Time of the Empere Church, See Greek Church

Latin, or Western Chrones, comprehends all the Chur-ches of Baly, France, Spain, Africa, the North, and all other Countries whither the Romans carry'd their Language. other Countries whither the Romans carry of their Linguage, Great British, part of the Nolvelmand, of Granany, and of the North, have been feparated bence ever fince the Time of Harry VIII. and continue what we call the Re-ferred Church, and what the Romanifit call the Wiftern Salping as the Greek Church Goot the Englern of The Reformed Cityson is again divided into the Link-rian Church, the Chiefung Church, the Church of Eig-

The Referred Curracus is again divided into the Entiretude of the Control of Dec.

General Control of Control of Control

General Control of Control of Control

General is also and for a Compile, built and conference

the History of Cod of and, anticolar, built and conference

the History of Cod of and, anticolar, built and conference

Tarraca; fee also Control are variously decommented, according

to this South, Control are variously decommented, according

to the Control of Control of Control of Control

to the Control, Patriories are variously decommented, according

to the Control, Patriories Control, Catalonia Control, Control

to Control, Patriories Control, Control

to Control, Patriories Control

to Control

built, is 350 Foot Diameter. See Doms.
The first Curvey publickly built by the Christians, some
Authors maintain to be that of S. Seniour at Rome; sounded by Configuration: others conceed, that feveral Curveyer
abroad, call'd by the Name of S. Peter Front, were built
in honour of that Apothe during his Lifetime.
Mother Curouca, Matrix Ecologia. See Marrix, and

MOTHER.

CHURCH, with regard to Architecture, Daviler defines a large Veffel extended in length, with Nave, Choir, Ifles, Chapel, Belfry, Sc. See each Part under its proper Head,

Chapel, Beliry, Ec. See each Fart moder its proper Head, NAVE, Chrona, Chapete, Ede. A fimple Clearch, he calls that which has only a Nave and a Choir; a Chareb write Ifles, that which has a row of Porticos, in form of vaulted Galleries with Chapels in its

Pourtour. Church in a Greek Cruft, that where the Leagth of the Code is equal to that of the Nave; is celled, because most of the Grave; Code are ball in this form. Church in a Latin Cruft, that whole Nave is leager than the Croft, as most of the Gathie Churcher. Church in Rassada, that whole Flass is a perfect Circle, in institution of the Pantheon. See ROTONDO, &C.

For the Form of the antient Greek Churches, when they had all their Pares, it was as follows: Brift was a York, or Perrico, call'th the same Mear, epiches, abound with Co. Issues on the custides, and on the infine furrounded with a Will, in the models observed was a Door, then which they paided size a fector Perrico. The first of their Portico Paris of the Paris of the Company of the Paris of their Stage of their Repositors; the fectors was much longer, defined for Penistens of the fector Clark, and the Carterior-sers, and those call resold, Faresh; because their paided in it bugst to be followed to the Diffespine of the Church. had all their Parts, it was as follows: First was a Porch, the whole Church

the whole Church.

From the Scool Pertico, they pair'd into the New, rule, which not up near another third of the Church. In the middle, out to no file of the Naw, was the Audole, where the Descens and Prieths read the Golpel and preach d. See Anseo. The Nave was defined for the Reception of the People, who here affilind at Prayers.

Near the Entrance of this was the Stapijlery, or Font.

Sco BAPTISTERY.

Beyond

Beyond the Nave was the Clair, 2014, feet with Stear, said result is the first Nave the Sandbury, being for the Causer, or Coregon. See Chartero, 467, per solid for the Causer, or Coregon. See Chartero, 467, per solid for the Causer of the Causer of the Sandbury in the Causer of the Sandbury in the Causer of the Causer of

de Treoux.

For the Form of the Latin Churchet, tho it be various, yet may all the Variety be reduc'd to two Head's yets. Indic in form of a Ship, and those of a Cross. Cunucu-Tard, a facted Place, delited for the Interment of the Decards. See Benata, Ferrana, Ge. In the ytimitive Times, the Christian held their Meetings in Church-yard, as we are informed by Englishmi, Lib.

lagi in Cirrich yards, as we are informed by Englishm, Lib.
vis. and Termitian, who calls tande Chemely-sparis where
the People and to meet to pray, Areast. Englishm adds,
that Plantina busing confidence the Correlayards, and
the Planting busing confidence the Correlayards, and
by a publick Refering reduced by the fame Author. From
time Pallings, it forms as if Chem-Parts, and Plance of
Worftlin, were and indifferently for the fame things,
the Correlation of Entire publishment the Length of Tapen Rightee till
Chem-Parts, during the Dhy-time; and by another CoCorrelation of the Correlation of t

Church-wards.

The Cuftom of bleffing Chareb-yards is of an old flanding: the Method was, for the Bifthop to go round it with his Crofter, or patient Staff, and to forinkle it with fome conferrated Fluid. Lebineau fays, the Holy Water-Pot confocrated Fluid. Lévinedu says, the Holy Water-fot was carry'd befor him. Antiently, all were busy'd in Church-yards; none in Churches, From the Bodies of Martyes, & being deposited here, the Christians chose particularly to build their Churches in them, when Conflamine gave them the liberty: and hence Fillenand cleives that Culton which full

obtains in the Romifb Church, never to confectate any Al-tar, without depositing in it the Relicks of some Martyr.

un, without despiting in it the Reicks of four Marye. Cheric obforce, that autor Churyen, Constrouter, sampliers, was satisfurly comprehended, not only the first Dominitory, at Rue where the Dead were dipided; I have Dominitory at Rue where the Dead were officially always and the same for the sample of the ware contiguous to the rail Churche. Perhaps it might be added, that all the Churrh Domains were comprised upon Churches, and Ch

This was cujoin'd by the Laws of King Malcelm IV. and

This was cojoind by the Laws of King Msleedm IV. and Canute. cr. Dat after this Chrurel-Sog came to figuify a Referen of Cons-Rent paid to the Socular Friefts, or to the Religious 4 and fomertimes was taken in 60 general a Senfe us to include Poultry, or any other Provision that was paid in kind to the Religious. See Typus as Church-Government, Diffipline, See. See Ecclesian-

COURCE-Gerenmann, Dispitson, Ro., See ECCLEMATICAS GOVERNAME, See GIVER, BERGER, CHERGE-Rent, See GIVER, BERGER, SEE GIVER, BERGER, SEE GIVER, SEE GIVER,

Livers to the Bifting; take care most precish without Li-cecce, Eds., "The Chapter are, high of Openstains; and are in the Chapter are the Liver and the Liver and the Chapter are the Chapter are the Chapter are the CHYLE, or CHYME, in the Animal Occosions, a whi-ten High Liver, into which the Tool is immediately conversed by the Liver are the Chapter are the Chapter are the Chyleffents. See Criticipe Chapter, in sorting the a Mix-ture of the city and appearance here to bright part as Mix-ture of the city and appearance here to bright part as Mix-ture of the city and appearance here to the Food, incorpor-tated with the Line cone; which, which they yet extends and with the Line cone; which, which they yet extends

mix'd with the groffer Parts in the Stomach, make a thick, whittih, partly fluid Mafa, called Chyme: whith, as from as it is reduc'd to a Confittence loof: enough to be obediene to the Preffure and perfithite Motion of the Stomach, is gradually thrust out as the Pydorus into the Donodenum, and denominated Chyle.

Thus is the Chyle begun to be form'd in the St Thus is the Clyle begun to be form'd in the Stomach; it is perfected in the Intellines by the Mixture of the Bile and the pancreatic Julec; and is thence received into the Latcheal Veins, which carry it to the Receptorations Clyli, or Progress? Refervatory: thence it yaffes into the Thorstoil of Dulk, which terminates in the left Subclavian Vein; In this Vein, the Clyle first begins to mix with the Blood, into which it is attrawarfa converted by the Action called into which it is attrawarfa converted by the Action called

into which it is atterwards converted by the accomo usued Supsynification. See Broom.

The Anticaus supposed the Clyple was changed into Blood in the Liver; others of 'em in the Heart; but the Mo-deras, with more reason, take the Change to be effected by the Blood it felf, in all the Parts of the Body. See Sax-CUIFICATION

Some take Chyle to be the immediate Matter of Nutri-tion; others the Blood. See Nutrition. The Word comes from the Greek 2004s, Juice.

tions eithers the Bised. See Nevertron.
The Word come from the Greet and Table
In the Stomach, there is made a Separation, or Solution of
unknown Salte, no charvelf than in the century of Plans, no
there is the Greet and the Committee of the Comm

and CHYLE.

Ad whereby the Rool is changed into Clyte, See Foor, many Content of the English of Commission, or breaking the Content of the Aliment in the Mouth, mixing it with Selfers, and chesting it with the Tech See Marricarvan. Lind & Page, which falling there has Content on the warm Stomato, mixes with the justice theories and it is then disturbed to former, or parety, and affiness a very different from mixes with the justice theories and it has disturbed to former, or parety, and affiness a very different from the Blood by the Coincide of that Part, whole Exercisery Daths upon into more and the part of the Coincide of the Coincide Content of the Coincide of the Coincide Coincide Coincide (Coincide Coincide) and exquires [III] a general likewed to the Admit Add to this, that the diethy Membrane of the Stomach Coincide Coincide

TRAIL.
The Pathick of the Stomach being confider'd, the Heat
of the circumanistical Pares, the Puliations of immerces be
of the circumanistic Pares, the Puliations of immerces
of the Confidence of the Displayment and Addonnia
Mailets 1 is mult necessarily follow, that the finer Pares of
the Aliment will be first capiell' the Stomach, and that
the Aliment will be first capiell' the Stomach and that
pulled the Confidence of the Confidence of the Stoffeth
Heat Stomach and the Confidence of the Stoffeth
they also become fane encopil to go of thus is the Sto
match lift empty 1 and by measure of in mulcular Cont, pomatch lift empty 1 and by measure of in mulcular Cont, poHarotza, Store Construction, and Appricate encode. So HUNGER.

Hences.
Thus will even the fiship Membrane, Carrilages, Gr. of
Thus will even the fiship Membrane, Carrilages, Gr. of
the special and oddig de give out their
plates in on the special and oddig de give out their
plates in the special and oddig de give out their
plates and the special special and the special and the
their plates and the Plates are special and the
their plates and the Plates are received for the special
deals and faithful their fart that were left to good a
forward. In the plates are the special plates and the Billey which
deals and faithful their fart that were left to good a
forward. In the Pfalige, throt the fault laretimes, the
forwards are the Malia, which we call the Copie, encers the
forwards are the Malia, which we call the Copie, career the
forwards are the special and the special and the
forwards are the special and the special and the
forwards are the
forwards and the
forwards are the special and the
forwards are the
forwards

Then the Chyle is taken up by the Lactuals of the fecond Kind, and convey'd into Glands between the two Tendons Kinl. and enewyd ban Glindi bewnen the rox Texhao of the Diphagma, know hercesfor ander the Name of the Limbdry Glinds, now cull'd Prepara's Referentory, whence it is carryly to the Heart by the Thoucic Deal and the Sabelevini Vein p wherch it begins to be mixed with the Bood, on the critation, and in me become direct with the Bood, and to critation, and in me become direc-tion of the contraction of the contraction of the CRILICASIS, in Medicine, the Action whereby the Al-ment is converted mo Cyling of Elym, in the Stanch, of the whether is by a Terment in the Stomach, or the contra-tile force of the Sounds, or both. See Grutzmetz-rays.

uie bree' of the Somuch, on both. See Cotterrearies, and Decearing.

And Decearing.

CHI Marin Seminal pilice, the fines with fact commonCHI Marin Seminal pilice, the fines with fact commonCHI Marin Seminal pilice, the fine seminal commonCHI Marin Seminal pilice, the CHI Seminal Chief, while
english of the Marin Seminal CHI Seminal Chief, while
english on the Loftenia, to the Station Food, Gr. while
english on the the Options than the Dimeleum, and
there is no the Loftenia, to the Station Seminal Susdiscover into the Loftenia, to the Station Seminal Seminal
Art of Equations the Event Subtliness when since the
Art of Equations the Event Subtliness of different Selfdiscover for Engantenia, See Fina.

The Station Seminal Seminal Seminal Seminal Seminal
discover into the Station Virence, and demonshires their inner
early the Station Seminal Seminal Seminal Seminal
Subdiscover concern. In a word, Granuff or Year Chies
tomy of natural Bodies, by mostes or Fire, y which is the
Discover of the Seminal Seminal Seminal Seminal
Subdiscover concern. In a word, Granuff or Year Chies
tomy of natural Bodies, by mostes or Fire, y which is the
Discover of the Seminal Seminal Seminal Seminal
The Year Seminal Seminal Seminal Seminal
The Year Seminal Seminal Seminal Seminal
Control of the Seminal

entifically: 'An Arc whereby lentible Bodies contain'd in 'Veffels, or capable of being contain'd therein, are so chang'd, by means of certain instruments, and principally

changd, by means of certain full numeras, and precipally Fire, that their ferveral Power and Virness are thereby 6 differed, with a View or Philosophy, Medicine, ge. This Definition appears very profits and circumfinatia, This Definition appears very profits and circumfinatia, the following profits are considered by the with all his Endexwoor, he affires us, he could not five the with all his Endexwoor, he affires us, he could not get a profit of the country of the consideration of the consideration of the country of the c

flumbled at.

fambled at: For Clymit'ry cannor juftly be call'd the Art of refol-sing Botlet, as $Regin_i$ Paracellin, &c. define it § fince M-cannot will fill do that: Not is the Manuer mended, by an experiment of the second of the second of the most has done: nor by Sit_i as others would have it. The Doninitions include only a P-tr, intended of the whole. The day with as lintle Projectsy is it termed, The Art of βp -paraing is δP - δP - δP from the aburyar, is instants is a t comprosed as well as feparates, and frequently mixes the Pure with the

well as Esperates, and frequently mixed the Fare with the Importance of Importance of the Importance of Importance of Importance of Importance, and Importance of Importance of Importance, Importance of Im

DISTILLATION, CALCINATION, EXPRACTION, EXCLANACION DISTILLATION, CALCINATION, EXPRACTION, &C.

The Effects, or Productions of Clymifty, may be reduced to Magniferres, Extracts, Tinctures, Elevits, and Clyffar's. See Magniferre, Express, Theorems., T.

duck in Megiferer, Euresti, Tentluri, Euren, and Crighti's See Macentary, Tencrus, E. (Crighti's See Macentary, Eurentary, Timerus, E. (Crighti's See Macentary, and Jensey of Clymit'ry, whereby in Operations are preferred, are Fire, Menry, Arc, Earth, Archer, Farentary, Francis, Lawrence, Francis, Company, Lawrence, Lawrenc

If there is a much in his Books spon Nature i, and factor any Author but has fonce Footings of this Traili-ciant may be a fine of the trailing of the trailin

fen, and took 'em to Wife.

This Amedilarian Origin of Clymiftry is confirm'd by
extullian: 'The Angels that fell, lays that Father, difcover'd Gold and Silver to Men, with the Arts of working

cover'd Gold and Silver to Men, with the Arts of working 'em, of dying Wool, &c. for which reason they were ba-nifit'd, as is related by Eurosch'. Borrictum looks on these Passages as authentics, but adda,

• affled, as is related by Emrit?
• affled, as is related by Emrit?
Surveytime looks on which Fullegrees as submanile, but adds, Berrichium looks on which Fullegrees are flipsed of were not real Angells, but not their fullers, gave themselves up to cruminal Fleetiness with the Women deduction of their fullers, and the survey of their fullers, and their fullers, gave themselves up to cruminal Fleetiness with the Women deducing the fullers. The full result is the full result in the Fullers of their fullers, and their fullers of t

potable. See Goin.

Clysniffyn Mad the common Fate of the other Arts, at
the Declention of the Eastern Empire; and lay buryd an
forgot till the Time of Reger Basen, who terrieved it. He
was follow'd by Latly, Explay, Ball Visionist, "Paracelinst, Van Helmen, Gisnher, Biyls, Lamey, Henders, Ste.
by whom the Art has been carryd on its prefate degree of

Perfection.

The first Chymists confin'd themselves to Metals: Inthese latter Ages, the Bounds of Chymistry have been greatly enlarged; and Plants, Animals, Minerals, &c. have been

tiken into it.

"Tis but of late that Clymiftry has been apply'd to the
Preparation of Medicines: Bafil Falentine, and Arnoldus
de Villa None, feem to have been the first that attempted
it. Paracelyis and Fan Hohmour carry'd it to such a length,
as to render Medicine almost wholly clymical. See Mrs.

Chymistry is divided into Metallurgia, Alchymia, Chy-ical Pharmacy, and Chymical Philosophy. See METALmust Pharmacy, and Chymical Thinlighty. See Marna-thracia, Ancarana, Se. Gridicks are divided as to the Esymology of the Name Chymithy: It is usually derived from the Greek mark, Junes or from year, to melt. Berthauer, and others, more jully derive it from the Egyptian Chema, or Kena, black 3 and write it Chemia, not Chymia.

the Sugainfraction of the Word The Coam, which in the He-brew fignifies beat, bet, black; all of them bearing fome relation to the Operation of Chymaftry. Chymaftry is also known under various other Names:

Clysnifty is allo known under various other Names: It is forncinnes call'4 the Hermetical Art, from a Suppo-fition of its being invented by Hermet Tripingiffus: See Hammittee. Others call it, the Taypins Art, from the People among whom it was first poelfaid: Others the Sa-ered, or Dismit Art; Feolity the Art of making Gold, &c. Others call is the Syngyric Art; Farnasifix the Hij-Fipe Art: others Typotechina, &c. See Sarvarie, Hira-

fight Art others Psychecoma, α.c. occ grants, and agree, Pracoreanna, & e.c. occ grants as a sorte, Pracoreanna, & e.c. occ grants as a sorte, Pracoreanna, & e.c. occ grants as the most fablime Parts of their Art, they perfex the Arabic Particle At to the Word Clymia, or Clymiftry, and thus form Alchymy. Sec ALCHYMY.

See Accruer.

Some Austien obstree, that Discipling, after the taking of Alternative, each of a little Books of Cayaniffrey, and of Alternative, out of all the Books of Cayaniffrey, and the seed of the Cayaniffrey and the Cayaniffrey of the Cayaniffrey of the Cayaniffrey, the Cayaniffrey, the Mark, or of putting them force, by the Art, or of putting them force, by the means, since A Goodnian of revising, and the Cayaniffrey, and the Tayaniffrey, the Mark, and the Tayaniffrey, and Tayaniffrey, and Tayaniffrey, and Tayaniffrey, and Tayaniffrey, the Markey of the Cayaniffrey, and the Tayaniffrey, and Tayaniffrey, and Tayaniffrey, and Tayaniffrey, and Tayaniffrey, the Markey of the Tayaniffrey, and the Tayan

Inhammanus to the control of the Speek stanta, bifes.

The Word comes from the Greek stanta, bifes.

GLATRICULA, in Natural History, a little whitish Speek, in the Coat of the Yolk of an Egg; wherein the first Changes appear towards the Formation of the Chick.

The Creatricula is what is commonly call'd the Treddle of the Egg. See Eco.

CICATRISIVE, in Medicine, is apply'd to fach Medicines as are very Deficative; and on that account aid Nature to repair the Skin, and to form a Cicatrix, or Efebar.

Sec CICATRIX. Such are Armenian Bole, Pouder of Tutty, the Unguent

Disposipholigus, deficesseum Rubrum, &c.
Ciestrifius Medicines are otherwise call'd Efebaroties,

Gentrijes Medictes are otherwis cui'd Eleberotic, Pipolicich, hearmaire, Agistimum, &c. &c. Servero-ric Lauranter, Investment, Agistimum, &c. &c. Servero-ric Lauranter, Investment, proposition, and the result of callow Field, rining on the Skin, and remaining there size the heating of a Wood, Gr. ordinarity cuil'd a The Control is the fine as to the Jaming of the fieldy Para, as Adilo' is to the Riner, See Castem. The Control is the fine as the Jaming of the fieldy Para, as Adilo' is to the Riner, See Castem. See the Control of the Control of the Castem and deminding, and decremines quite vauli where come to App, as is particularly object? In the Part of the Small-change their Statembon, they are formations object to change their Statembon, they are formations object to the control of the Castembon control of the Castembon control of the Castembon control of the Small-change the Statembon, they are formation of the Small-change their Statembon, they are formation of the control of the Castembon control of the Castembon

Pox: and, in growing change their Situation. Some derive the Word from quaft circs cutem: others fetch Cicarrin from quaft Occarcatrin, the Cicarrin heing

only obductio vulners, the covering up, or hiding of the Wound: but 'tis better deriv'd from Cecsaria, which has the fame force; of the Verb Cecare, to blind. CICUTA, a vegetable Poion, celebrated both among

CICUTA, a vegetable Poifon, c The modern Cicata is the Plant Hemiock; whereof there are two Kinds: the Cicata, absolutely so call'd, or

Cicuta major ; and Cicuta minor.

The first grows in Places a little moist, in the Shade,

a no trut grows in Fiaces a little moilt, in the Shade, so many unbuppy. Effects have been perceived from it, that its Uie, internally, is by no means to be recommended: And yet fome Perfoss boath of it as a powerful Sudorifie. Externally it may be applyed, to refelive Wens, and Hardnell's of the Spleen and Liver. It is the Bafe of the Pasifier which bear its Name.

Fratter which bears its Name.
The Phylicians have generally rank'd it among the cold
Poison, but the later Writers, with more juitnels, regard
is an Difforent, or hor Poison. The Readons they give,
as related by Wepfer, are, that it bites the Tongue; that
the Effluvia it yields are hot, and arise from a valatile Salt,
and an impure Sulphur; that the Madade it occasions, as
all as the bother Summer. and an impure ournour; that the Madness it occasions, as well as the other Sympoms, filew a great activity of Parts; and that if the Blood be found coagulated by it after Death, Spirit of Wine does the same.

The leffer Cients is not lefs dangerous than the greater; it is ever fuppos'd more violent, as well as more hasty in its Operation

Several Persons have been render'd foolish, by eating Porridge wherein Cienta has been us'd instead of Parsily It has much fuch an Enmity to the Brain, as Cantharide It has much tuch an Enmity to the Brain, as Cartifarrias, have to the Bladder; and Lapin Mariants to the Lungs. The Cacuts of the Antients, is a Secret which is now fearce possible to be discovered it is was call'd Cacuts Aqua-tica, and was of the Umbellistrous Tribe. Verifer, in an expecia Treatife on the Subject, will have it the Sinns E-

expect Treatife on the Subject, will have it the armst Levine file of ZB. And the Andreas, fore Circura Is also said, Aship, some of the Andreas, fore Circura Is also said, Aship, some files the film Circura. This result is also said to the control of the Andreas Circuman were put to death a Swetzer drank the Circura, Figura, in his Dialogue on the Immorability of the South, and the Circura, Figura, in his Dialogue on the Immorability of the South, and the Circura, and the Circura Circuman Andreas Circuman Circuman Andreas Circuman Cir

CILC II.

Milly to Normating, and recounted for the Rections of the Chicago for the Was couly at the Constant on Rechamical Principles.

CILL MOSIS, in Medicase, the Act of making or preJungs Glynn. See Curvate.

CILL MOSIS, in Medicase, the Act of making or preJungs Glynn. See Curvate.

CILL MOSIS, in Medicase, the Act of making or preJungs Glynn. See Curvate.

Constant make the Reddys begins a prepared Preparation
of the most impact and point Parm of the Chylic, which
that the Constant of the Chylic which
the Constant of the Medica, for any age thim Mostry to by more y observing by the way,
the Act of the Chylic which the Act of the Chylic
The Word comes from peach, factors, of yes, frants, or
Information of the Eyoldis, which turns our their indee

The Word comes from the Cord years, billing.

The Word Comes from the Cord years, billing the thing with the pre
The Word Cord of the Word of the Park of the Cord of the Word of the Word of the Word of the Word of the the other Winter Fruits about the fame time

It is here how found fine enough, it shade a Membrane Membrane and it was the same found fine the same found fine the same found for the same found for the same found for the same found for the first same for the RIFTING.

aversion. This observed, that a Mineuer of Fruits is a great Advances on Color, the word Apple, mixed operation in a contract of the contract tilletion

ullation.

If the Apples be pounded in a Stone Mortar, which is the Cultion of Stone, the Kernels and Stulks are build in CUDERKIN, or Farm, is a Liquer made of the Mary CUDERKIN, or Farm, is a Liquer made of the Mary, or profit Marter remaining after the Cader is prefit do not. For this parsple, the Mart is que not in large Fax, which we have the study of the particular than the control of th

indie forey eight Hours, then well perfekt What is fapeured out by the Prefit is immediately turned age and fleeped, in fee to driek his fee Days, for the driek his fee Days, for the control of the prefit is the convenient quantity of Hous.

CILAA, in Ansamon, the Hairs wherevirk the Parlewer, or Pythal nor fring it officially the Upper, which was the prefit of the prefit in the prefit of the prefit is the prefit of the prefit is the prefit of the prefit of the prefit is the prefit of the prefit is the prefit of th

Noats, and other I amigs nothing in the Air, which might amony the Eye.

Thefe Cilia firing from a finall row of Glands, which cover a thin render Carrilage, edging each Eyeld, and ferring as a kind of Red, or Ring to firetch 'em upon.

CILIARE, in Anatomy, an Epithet given to a Part of the Eye, call'd Ligamentum Ciliare; because of its refem-

the rye, can a Ligamentum Citiare; because of its refem-bling the Citiam, or Hair of the Eyelids. See Ligament. The Ligamentum Citiare, call'd also Proceedins Citiaris, consists of a range of black Fibres disposed circularly; hav-ing their rise in the inner Part of the Uves, and termiat-ing in the prominent Part of the Cystalline, which they compass round.

incompair round.

Anatomilis generally imagine their Ufe to be to fufpend the Cryftalline in the Globe of the Eye, to leagthen or florten in Figure, and bring it nearer to or further from the Urea 4 and even to open or contract the Pupil as occarion require, i.e. as near or remote Objects, obfere or bright Objects are to be view'd. See Cayvarling, and

Purit. The Motion of the Pupil, some say, is effected by the circular and strait Fibres of the Uvea; others attribute it circular and stratt Fibres of the Uvez 3 others attribute it to the Chitery Ligament 1 yet, I have no great closh, but they hoth concar in the same Action; and that the Ligamentum Chitery doth, at the same time the Pupil opens of fibrus, dilate or compress the Crystalline, and bring it nearer, or carry it farther off the Revins. Derham Phys. Theil

connection with the Crystalline, or to ferve for any purposes See Verson

thereof. See Viston.

CILIARIS, in Anatomy, a Muscle, otherwise call'd Orbicularis Paljebrarum. See On Siguration or Monding, all did folia, and Commission. See Guela, and Crimg, call'd did Gulla, and Commission. See Guela, and Crimg, call'd did Gulla, and Commission.

ing, call'd and them.

AATIOM.

CIMIER, in the French Heraldry. See Calast.

CINCTURE, or CEINTURE, in Architecture, a Ring,
CLift, or Orlo, at the top and bottom of the Shaff of a Co-

Lift, or Orio, at the top and bottom of the Shalt of a Co-lumn: dividing the Shaft, at one end, from the Bafe: and lames, dividing the Shift, at one cad, from the Bafe; and at the other from the Capiels. Soo SHAPY, COLONS, 656. That at bottom in peculiarly called Applypage; as if the full rook in height bence: and that at our Gaziers, or The Galdier is finguoid to be an Imitation of the Giro. The Galdier is finguoid to be an Imitation of the Giro. Ferrils, antically said to the graph and preferre the primitive wooden Columns. See Chanta. The Word, in it modglind French, figuilies Girdle; of

The Word, in its original French, figuithes Girdus; or the Latin citys, I gird.
CINERATION, in Chymiftry, the reduction of Wood, or any other combaftible Matter into Affaet, by means of Fire. See Assus, CALCINATION, Ec.
This, others call Confedition.
CINERES. See Assus.

CINERES. See Assus.

Gineras Clevellati, among Chymifts, are the Affice of
Tarar, or the Lees of Wine burnt. See Taneas.

CINER/TIOUS, a Term apply to Things refembling
Affics; particularly in point of Colour and Confidence.

Thus, the Certical Part of the Brain, is also call'd the

Aftes; pericularly in poon or Thus, the Central Part of the Brain, is also call'd the Giverition; Part. See Convicat.

CINNABAR, or CINOPER, in Natural Hiftory, a Mineral Stone, red, heavy, and brillant; found chiefly in the Quickfilver Mines; call'd also Vermilion. See Posst, and

MERCURY.

Many, with good reason, esteem this the Minimus of
the Antients; the a very different thing from the modern
Minimus. Soc MINIUM.

The ordinary Vermillon it felf, is nothing esse but Canmaker ground up with Spirit of Wine and Urine. See VER-

Some have imagin'd Cinnabar to be Dragons-Blood, gather'd, as Pliny and Solumn have it, when the Dragon and Elephant fight together: This Fable is refuted by

and Elephant fight together: This Fable is retuted by Dioforides and Scaliger. See Da. acoss-Broom. Cinnabar is ofther Native, or Febturess. The Native, or Mineral Cinnabar, or Vermilion, which is that abovemention'd, is found in most Places where there is that abovemention d, is found in most Places where there are Quickfliver Mines; yet, 'its true alfo, that it has Mines its own: those in Spain are very famous; the French too have theirs, in Normandy.

have theirs, in Normandy.

It may be effected as Marcaffire of Quickfilver, or ra-ther, as Quickfilver perify'd and fix'd, by means of Sul-phur, and a fubrerraneous Heat: Chymifry being found to phur, and a fubrerraneous Heat: Chymifry being found to duce it without much trouble or lofs, to the Nature of fercury. Each Pound of good Ginabar vields fearers Mercury. Mercury. Each Found or good temporary years non-come Ounces of Mercury. Accordingly, the principal Property and Use of this Mineral, is to yield a most excellent Mersury; and that which the Alchymiffs maintain to be the belt dipos'd for attaining to the Transmusation of Gold.

The best Mineral Ginnabar is of a high Colour, brillant, and free from the Stone.

It is us'd by Phyficians in Venereal Cafes, and others, occation'd by fharp Serofities. It's also ethern'd a good Cephalic, and accounted of fervice in Epilephes, and other posset, and accounted of hervice in Epicephes, and other nervous Diffempers: Add, that it is reckon'd of efficacy in cutaneous Cafes, as the Scurvy. nervous Differences: Add, that it is receous or causely or customous Gafer, as the Secury. Fellistons, or Artificial Cinsester, or Vermilion, is form'd of a Mixture of Mercury and Sulphur, fabiumed, and thus reduced into a kind of Some.

reduced into a kind of Sun.
The belt is of ship Colour, full of Fibres, like Needles.
The Method of preferring Relitation Cross a.a. is then.
The Method of preferring Relitation Cross a.a. is the colour.
The Method of preferring Relitation Cross a.a. is the colour.
The Method of the Colour Cross and the Cross and the Colour Cross and the Colou

This ferves for the fame medicinal Purpoles with the Native Ginsabar: belides which, 'is likewife at'd by the Fartiers, to make Pills for their Horfes; and by Painters, as a Colour: it being a very vivid red; but drying with fome difficulty.

tone dimensey.

Counabar, or Vermillon, is render'd more beautiful by grinding it with Gem-Water and a little Saffron: those two Drugs preventing its growing black. See VERMI-

Line: Is likewife a blue Cinneber, made by mixing two Parts of Sulphur with three of Quickfilver, and one of Sul Ammoniac: thefe being (ublimed, produce a beautiful

blue Substance; whereas Onickfilver and Subshaw classes Drug Subiting

produce a red.

The Word comes from the Greek unages, the finell of Gosts; by reason, says Matthebus, in digging a kind of Mineral Cinnabur, it yields so strong a Secut, that the Diggers are oblight to stop their Neithis.

The Chymnits prepare other Kinds of Artificial Cinna-

.

er; as, CINNABBR of Actimony, a Composition of Mercury, com-con Sulphus, and crude Antimony fublimed. See ANTIMONY. It is field a Diaphoretic, and Alterative; and is used in emphulone and other change Cofee rophulous and other chronic Cates. CINNAMON, an agreeable aromatic Spice, furnish'd

by the East-Indies. See Spice.

Cinnamon is allow'd to be the Bark of a Tree, growing in

Cimmumo is allowed to be the Bark of a Tree, growing in the Blands of Cypine, Neur, and an Asiatabre.

The Gennemous Tree, called by the Naives Corumdo Gallade, grows in Woods, like other Trees; and is has the classific, grows in Woods, like other Trees; and is has the families that of the Laurel, both as no Sabilance, and Committee that of the Laurel, both as no Sabilance, and Consu. When they first begin to open, they are red as Sasiet; and if rabbid between the Hands, yield an Odour more like than of Clowest than of Gensemmo. The Fruit more like that of Clores than of Comemon. The Fruit criembies an Accor, or Olive; and has neither the Smell nor Italie of the Bark. When boil'd in Water, it yields as Oil, which, as it cools and hardens, becomes as firm and white as Tallow. In Smell is agreeable, and they make Candles of it, which are only allow'd to be burnt in the King's Palsee. The Wood is of no Virtuant all. The chief Virtuare of the Common Tree is in its Bark;

which, when green, appears to be double: its exterior Sur-face being gravifh, and the inner of the common Cinnamon "Tis then divifible into two Barks of different Colours;

but these drying together, become inseparable, and pass for the same Bark; the grayish Colour changing in propertion as it drive When the Cinnanna is frosh taken from the Tree, 'tis

flat, has little Taffe, Smell, or Colour; but it twifts or con-volves, as it drice in form of a Srick, or Canon whence the

French call it Connelle By thus exhaling its superfluous Humidity, it sequires a facet brilk Smell, and a sharp pungent Taste. "Its field, that after the Tree has been stripp'd of its Bark, in three Years it forms a new one, which is as good so the first:

but this is not very probable.

Some hold, that the finall Branches of the fame Tree
make the Caffes; but that must be a Mistake. See Cassia. The Natives draw from the Roots of the Tree a Lie

The Natives draw from the Roots of the Irce a Li-quot, very much refumbling Complor. Cinnasims, no be good, must have a britkagreeable Taffe, and a bright bown Colour. It Qualities are, to host and drys no promote the Munics, to furtify the Spirits, and to holp Digeffino p but its chief Ufe, in Medicine, it as an Afringace 3 with which Intention it is preferrly din Dist-rings, and Westmelfer of the Somnech.

rhmus, and Weakneffer of the Stomach.

The Crassaver of the Antients was different from that
of the Moderns; they diffinguished from Kinds of Crassamus: the Mojettapus; Crammon of the Mountain; Make,
and Branch's Crammon is another white and fpongeous;
and a fifth of lefs value, reddish, and of a firing intell:
as also a highest Communo, called Zurockers. This list Special

as also a highest Communo, called Zurockers. This list Special cies was antiently in very high effect, but is now no longer known. Sec Zinziera

Ensure. See Zanazzez.
They extrait an Oil from Cimnamon, call'd its Effence, or Quinterfance, which is an excellent Cardiac : the maner of preparing it, is faid to be a Secret known only to the Dutch. The common Cimnamon is often adulterated with that cost of which this Efficience has been extracted.

Crnusmon, by means of Fire, furnishes Waters, Extracts, and Salts; out of which are compounded Syraps, and Faftis, call'd Oleo Sacchars; together with an Effence, that ferves to turn all manner of Wines, white and red, into Hypocras.

CINNAMON Water, is made by diffilling the Bark, (first infus'd in Barley-Water) in Spirit of Wine, or Whitewine. Sec WAYER.

See WAYER.

All the Crustmen confum'd in Europe, comes from the

Drate's; who have got the whole Commerce thereof in
their own Hands, by becoming Mafters of the file of Ceysha, and editroying all the other Crustmen Trees about
the Kingdom of Cochus.

Clove Cinnamon, is also the Bark of a Tree growing in Brasil and Madagasper; where it is known under the Name of Ravendjara. The Portuguese call it Crave de Merephe-

This Bark, pulverir'd, is fometimes substituted for real bors, the fur short of 'em in respect of Quality. See CLOVES. Saffafras, or Saxafras, is sometimes also call'd Cinnamon-

Wood. See Sassafras.
White Cinnamon, which fome call Coffus Corticus,
Carticofus, or Corten Winters, Winter's Bark, from

Perfan's Name who first brought it into England is the Bark of a Tree refamiling the Olive Tree, frequent in the Bark of a Tree refamiling the Olive Tree, frequent in the Island of S. Domeny, G. mederings, and Madagoffers, The Bark, which dries like that of Commons, Isas first grayshi, as a furth princip Truke, like Perpers, and a Smelling and Generitien as a sunticlosuit.

The fame Tree yields a Gum, call'd Almeh, or Bellimon, which is no differently from the Common Common

Hence they have a particular Policy, and are govern'd by a Keeper, with the Title of Lord Warden of the Cinque-

They have various Privileges granted 'em, as a particular Jurisdiction; their Warden having the Authority of an Ad-miral among 'em, and sending out Writs in his own Name.

Sec Warnen

See Warden, that William the Conquerot first appointed a Warden of the Cinque Ports; but King John first granted them their Privileges; and that upon Condition they should provide 8s Ships at ricir own Charge, for 4c Days, as often as the King should have occution in the Wars; loe being then strained for a Navy to recover Normanady. The five Posts are Haftings, Romney, Hythe, Dover, and Sandonich.

sandewich.
There sells us, that Heflings provided 21 Veffels; and
in each Veffels 21 Men. To this Port belong Senford, Peverfey, Hedway, Windwifts, Rye, Hamine, Wakesbourn,
Grenoth, and Fortbolipe.

Ronney provided 5 Ships, and in each 24 Men. To this belong Brombal, Lyde of Marftone, Dangemures, and

Hythe fumish'd : Ships, and in each ar Scamen : To this belongs Westmean

Dover the fame Number as Haftings: To this belong Feliflon, Feverflam, and Mergate.

Laftly, Sandwich furnish'd the fame with Hythe: To

Laftly, Sandwich Jurnill'd the lame with 1910er: 10 this belong Fordwice, Reculver, Serve, and Dead.
CLON, or CYON, or SCION, in Gardening, a young Shoot, Sprout, or Sprig, put forth by a Tree. See Shoor.
Grafling is performed by the Application of the Clew of one Plant upon the Stock of another. See Graffy, and

ENGRAFFING To produce a Stock of Cross for Grafting, Planting, &c.
the Gardeners fometimes cut off the Bodies of Trees, a little above the Ground, and only leave a Stump or Root flanding; the redundant San will not fall next Spring to put

forth a great number of Shoots. See Syock.

In droffing dwarf Trees, a great many Gious are to be cut off. See Dware; fee also Pruning. Cron, in Anatomy, is fometimes us'd for the Uvula.

CIPHER, or CYPHER, one of the Numeral Charac-ters, or Figures; form'd thus o. See Character, Ficura, Sc.

The Geler of it felf implies a Privation of Value 3 but when dispos'd with other Characters on the left thereof, in when ditpos'd with other Characters on the left thereof, in the common Arithmetic, it ferves to sugment each of their Values by ten 3 and in Decimal Arithmetic, to leften the Value of each Figure to the right thereof, in the fame proportion. See Novarators, Venharatros, and DECHMAL. Churan is also a kind of myllick Character, comport of leveral Letters intercover to center of leveral Letters intercover to center.

of feveral Letters interwove together; which are ordina-rily the initial Letters of the Persons Names, for whom the Cipher is intended.

Thefe are frequently us'd on Seals, Coaches, and other

Moveables.

Antiently, Merchants and Tradefinen were not allow'd to bear Arms: in lieu thereof they bore their Ciphers, or the initial Letters of their Names, artfully increwore about a Cruls; of which we have divers Inflances on Tombs, &c

Tombs, Sc.

CPHER is also us'd for corrain forcet Characters, difguis'd
and varied; us'd for the writing of Letters that contain
Secrets, not to be underflood by any but those between
whom the Opher is agreed on.

whom the Capter is agreed on. This is now reducid into a feparate Art, call'd Polygraphia, and Steganographia; but appears to have been little
known to the Antients. See Straansonanty, 5%.
De la Guilletier, in his Lacademon Antient and Modern, endeavours to make the anticot Spartans the Inventors of the Art of writing in Cipher.

tors of the Art of writing in Gipper.

Their Sewala, seconding to him, was the first Sketch of
this myliterious Art: Theie Septatas were two Rollers of
Wood, of equal length and thickness; one of them kept

by the Bibor's the other by the General of the Army, kan on any Expedition against the Enemy. on the Expedition against the Enemy. On the Expedition against the Enemy. On the Expedition against the Expedit and the Expedit call'd it very justly about the Styrids' which they had no pear'd perfect and conflicten while the Parchment continue, pear'd perfect and conflicten while the Parchment continued on the Robert when taken off, the Writing was mained, on the Robert when taken off, the Writing was mained,

on the Koller; when taken oft, the Writing was mained, and without connection; but was early retrieved by the General, upon applying it to his Seyteles. Publisher is, that Emeas Talletens, 2000 Years ago, collected together twenty different Manners of Writings for as not to be underflood by any but those in the Secret; part whereof were invented by himfelf, and part un'd before his Time.

Trithemius, Bap. Porta, Vigenere, and P. Niceron have wrote on the Subject of Ciphers.

As the writing in Cipher is become an Art 5 to is the read-ing, or unravelling thereof, call'd Deciphering. See Duct-BUTBING

FRERING.

A CIPBER with a fingle Key, is that wherein the fame
Character is confiantly us'd to express the fame Word, or
Letter: This is easily decipited with a little Application,

A CIPBER with a death Key, is that wherein the Alphabet, or Key, is chang'd in each Line, or each Word, and
wherein are inferred Characters of no fignificancy, to annie

and perplex the Meaning.

The Word Cipher comes from the Hebrew Sifre, Num-

In the work of the companies of the comp

THAN COMMIN.

Hottinger has an expects Treatife of the Cippi of the Fown, De Cippi Hebrerum; wherein he takes Cippiar to the to a Definell. See Ploan, and Toneurus. Cirrors was allo and in Antiquity, for a wooden Infirment, wherewith Criminals and Shaves were passified.

CRENIES Ladi, in Antiquity, Circenfian Genes, or Games of the Crast, a general Term, under which were

Games of the Circuit, a general Term, under which were comprehended all Combins exhibited in the Raman Circuit, of what Kind foever; whether a-most, or on Horfeback, or in a Car; Wreffling, or Boxing; with Swords, Fikes, Darts, or Arrows; against Men, or against Beafts; on the Ground, or abound Veffeia. See GaMes, and Ciracus.

There were few but Slaves that gave the People this cruci Pleasure: it was an Exercise that would have difgrae'd People of any Account. ome fay, the Circenfian Games were fo call'd from the

Foothe of my Account.

Some Ley, the Correlator Games were fo call? from the Some Ley, the Correlator Games were fo call? From the partie or cond with naked Sweeds, that the Combattum might not have an opporunity of calcium the combattum might not have an opporunity of calcium the combattum of the foother of the Review Tyler, and the General incomparie, to the Landson's With in harded Sweed, and the foother of the Republic, frequently preferred of the Population of the Feshio of the Remarket was the foother of the Republic, frequently preferred the Population of the Feshio of the Remarket was the foother of the Republic, frequently preferred the Population of the Feshio of the Feshiology of the Population of the Feshiology of the Population of the Populat

Ec.

The Area of a Circle, is found by multiplying the Periphery by the fourth Para of the Dilumeter; or hit the IPphery by the fourth Para of the Dilumeter; or hit the IPThe Area is all found by finding; a Fourth preportional
to 100,784, and the Square of the Dilumeter; or, to 445,
345, and the Square of the Dilumeter; Ge. ARA. II,
Girder, and finitise Figures; inferbid in 'em, area lawny
at the Squares of the Dilumeter; So that they are in a 6th
at the Squares of the Dilumeter; So that they are in a 6th

plicate Ratio of their Diameters and therefore of their A Circle is equal to a Triangle whose Base is equal to the Periphery, and its Altitude to the Radius. Circles, therefore, are in a Ratio compounded of the Peripheries

To find the Properties of the Diameter of a Cincia: In Find, by continual fluction, the Sides of the Infinite Property of the Property of the Cincia of the Infinite Property of the Property of the Infinite Property of the Property of the Property Infinite Property of Sides of the Property of the Infinite Property of Sides of the Property of the Cincia of the Infinite Property of the Cincia, will be not the Diameter to the Periphery of the Cincia, will be not the Diameter to the Periphery of the Cincia, will be not the Diameter to the Sides of the Cincia of

leß than that to the inferibl Polygon.

The Difference of the two being known, the Ratio of the Diameter to the Periphery, is easily had in Numbers very nearly rue; the not justify fo.

Tans, Wolfins finds it as 1000000000000000 to 1141 592-

nerity time; the not justive.

Thus, Wolfish field it as 1000000000000000 to 3141592635389931. Archimetes field the Fropertien as 7 to 22635389931. Archimetes field the Fropertien as 7 to 22656400, the column carries it to a much genera contarty;
finding, that putting the Diameter for 7, the Feriphery is
genere than; 1.4452-6555899334546454358970; but,
left than the fame Number, changing the laft Cripher
into an Utan. Metrins gives us the following Proportion, into an Unite. Metrus gives us the following Proportion, which is the best that is express'd by small Numbers: if the Diameter be 113, the Poriphery (113, 31415): 10000; that

is, 355, nearly.

To circumferibe a Circue about a given regular Polygon:
biffedt two of the Angles of the Polygon E and D. (Tab.
Grow. Fig. 28.) by the Lines E F and D E; and on the
Poline of Concourte F, as on a Centre, with the Radius EF,
deferibe a Circle. See CIRCUMSCRIBING.

deferibe a Circle. See CIECUMERELEIMO.

To inferibe any green regular Polygon in a CIRCLE: divide 360 by the Number of Sides, to find the Quantity of the Angle EFD; which being made, in the Centre apply the Chord ED or the Periphery, as often as it will go: Thus is the Figure inferibd in the Circle. See Instrument.

is the Figure inferible in the Circle. See Instention.

The' three given Points, not in a rappe Line, A, B, C, to
deferble a Cinena. On A and C firike Arches increfecting
in D and E, and others, G and H; from C and B draw the
right Lines D E and H G: The Point of Interfection, I, is

right Lines D E and H G; The Point of Interfection, I, as the Centre of the Girde.

Hence, 1th, by affaming there Points in the Periphery, or the Arch of any Girde, the Centre may be found, and the given Arch be perfected. See Carria.

adv, If there Point of any Periphery agree, or coincide with these Points of any here whole Peripheries agree,

and the Circles are equal.

adiy, Every Triangle may be inferib'd in a Circle. TRIANGLE.

Taissues.
In Opeich, vis fiewn, that a Greie nover appears may fach, unlef either the Eye be directed perpendicularly to its Centre or the Histories of the Eye from the Centre, who distinct of the Eye from the Centre, who distinct of the Eye from the Centre, who distinct of highest to the Semidianeter of the directed obliqued, be could to the Semidianeter of the Object of the Eye for the

thole firste from different Centres, are fail to be enterment.

The Standarder of the Cases, or the manner of making a spear, while Southern profits Cases, or the manner of making a speare, while Southern layer for the case of the Cases, or the manner of making a spear, the case of the case of

Circle Archimedes is the Person who has come the nearest to the Quadrature of the Circle: all the rest have made Paralogifms

Charles V. offer'd a Reward of 100000 Crowns to

Clarke V. offerd a Reward of 200000 Crowns to the Perfon who fhould folve this celebrated Problem; and the States of Helsiand have proposed a Reward for the fame. Cinceras of the Implementation are Carress wherein Δp^{μ} : $p^{\mu} = 10^{-4} p^{\mu}$ (Tab. Analytis, Fig. 3.) or $\Delta p^{\mu} = p^{\mu} m^{\mu}$: $p^{\mu} = 10^{-4} p^{\mu}$ (Tab. $p^{\mu} = 10^{-4} p^{\mu}$) $p^{\mu} = 10^{-4} p^{\mu}$ ($p^{\mu} = 10^{$

Cor. I. Suppose A p = x, p M = g : AB = a; then will pB = s - x. Consequently, $x^a : y^a :: g : s - x$. Hence we have an Equation that defines infinite Circles, Hence we have an Equation that defines infinite Circles, vin...gm+1; and another defining infinite other Circles, $vin...gm+n := (a-x) n x^m$, and therefore a Circle of the first Kind is contain d under this Equations of the first Kind is contain d under this Equation.

tore a Crede of the first Kind is contained under this Equa-tion alone. If m=a, y*=ax*=x*, which Equation de-fines a Circle of the first Kind. Curacus of the Selver, are fuch as cut the mundane Sphere, and have their Periphery either on its moveable Sur-face, or in another immoveable, conterminous, and equi-diffant. See Selviax.

Hence arife two Kinds of Circles, moveable, and immove-

able.

The first, those whose Peripheries are in the moveable Sur-face, and which therefore revolve with its diurnal Motion. as the Meridians, &c. See Meanneau

The latter, having their Periphery in the immoveable Sarface, don't revolve; as the Ecliptic, Equator, and its Parallets, &c. See Ecziptic, Eq. Equator, and its Parallets, &c. See Ecziptic, &c. If a Sphere be cue in any macner, the Plane of the Section will be a Grete, whole Centre is in the Diameter of

time will be a Greef, whose Course is in the Diameter of the Sphere. See SPILEALES.

Hence, the Diameter of a Greef passing they the Centre being equal to that of the Criter shalls peneared the Sphere, and that of a Greef which does not past they the Centre, and that of a Greef which does not past they the Centre of the Centre of the Centre of the generating Greef's the Diameter below some Chert of the Reportating Greef's artist another division of the Greef's of the Sphere, two. Into A great Cincin of the Sphere, is that which divides it

into two equal Parts, or Hemispheres; having its Centre in the Centre thereof. See Great.

the Centre thereof. See GREAT.

Hence, all great Circles are equal, and cut each other into equal Pertons, or Semicricles. See Springles.

The great Circles are the Harizon, Meridian, Equator, Editytic, the Columes, and the Assimulars, which fee in their Places, Hostadon, Mirridan, Ecliptic, &c.

Places, Hossion, Mirathan, Ecliptic, &c.

A leffer Circut of a Sphere, is that which divides the
Sphere into equal Parts, and has its Centre in the Axis of the
Sphere, but not in the Centre thereof. See Leasts.
They are utually domonitated from the great Circles they
are parallel to, as Parallels of the Equator, &c. See Pa-

BALLEL.
CLEARLES of Mixinde, otherwise cultid Amendment, are
CLEARLES of Mixinde, otherwise cultid Amendment, are
the proposed to the Helston, having their common Fed
the Fastal to the Helston, having their common Fed
the Fastal Common Fed
Though have their Names from their Ufe 3 which is to their
Though have their Names from their Ufe 3 which is to
Clearles of Lettings, or Scientified of the Edition
Clearles of Lettings, or Scientified of the Edition
Section of Lettings, or Scientified of the Helston
Section of Lettings, or Scientified or the
Section of the Poles theory, Star and Plants. Sec SECONDARY

They are fo call'd, because they serve to measure the Lati-tade of the Stars, which is nothing but an Arch of one of these Circles, intercepted between the Star and the Ecliptic.

See LATTURE.
CIRCLES of Longitude, are several lefter Circles, parallel to the Ecliptic; fill diminishing, in proportion as they rerede from it.

On the Arches of these Circles, the Longitude of the Stars is reckon'd. See LONGITUDE.

Stars is reckom'd. See Longitude. Circles of Declination, are great Circles passing thro' the Poles of the World. See Declination. Vertical Circles, or Azimuths. See Vertical, and

Diturnal Circurs, are immoveable Circles, Suppos'd to be describ'd by the feweral Stars, and other Points of the Heavens, in their diamal Rotation round the Earth; or re-

ther, in the Rotation of the Earth round its Axis. See Downwar The Deurnal Circles are all unequal: the Equator is the hierch.

biggent.

Fular Circles, are immurcable Circles, parallel to the
Equator, and at a diffiance from the Poles, equal to the
greated Declination of the Ecliptic. See Folias.

That next the Northern Poles's call'd the Archie; and that
next the Southern one the Amarchie. See Americ, and Am

TARCTIC.

TARCTIC.

CINCLES of Eccurition, are Circles parallel to the Ecliptic, and at such a distance from it, as that the Excursions of the Planest towards the Poles of the Ecliptic, may be included within it; which are nsually fixed at 10 Degrees. See

within it; which are shally fix'd at 10 Degrees. See Syntams, and Syntams.cs. It may be here added, that all the Gircles of the Sphere above deferable, are transferred from the Harwan so the Earth's and thence comes to have Place in Geography, as the state of the state of the state of the state of the covid to be let full perpendicularly each Coreto being con-cervit's to be let full perpendicularly Terredirial Globe, and to to trace out Cervisi perfectly fimi-tion them.

lar to mem.

Thus, the Terredirial Equator is a Line, conceived pre-cifely under the Equinochial Line, which is in the Heavens; and lo of the refs. See Equators, 45°.

Horstry Clasters, in Dialling, are the Lines which show the House on Dials; the these be not drawn circular, but

nearly first. See DIAL.

CIRCLE Equant, in the Ptolemaic Astronomy, is a Gircle describ'd on the Centre of the Equant. See Equant.

Its chief Use, is to find the Variation of the first Inequa-

Sec VARIATION. CIBCLE of perpetual Apparition, one of the leffer Circles, parallel to the Equator; describ'd by any Point of the Sphere touching the Northern Point of the Horizon; and carry'd touching the Northern 100 about with the diurnal Morion.

M m m

All the Stars included within this Circle never fet, but are ever visible above the Horizon. The Circle of perpetual Occultation, is another Circle at a like Diffance from the Equator; and contains all those Stars which over appear in our Hemisphere. See Occur-

TATION.

The Stars finance between these Gircles, alternately rise and set at certain Times. See Stars, Rissino, SETTINO, SECTINO, CO. CHROCKES OF WORLDING, THE CIVILES PASSING THE CO. CHROCKES OF WORLDING THE HORIZON and Meridian, and three mon Interactions of the Horizon and Meridian, and thro' any Degree of the Echipte, or the Centre of any Star, or other Point in the Heavens, su'd for finding out the Situa-tion or Pendion of any Star, 5%. See Position. They are with Jun and the In nounber; and cut the Equa-tor into twelve equal Parts, which the Aftrologers call the

Cricftini Honfes-

Giethas Henfer.

Hence fome call them Circles of the Celefial Honfet.
Giacux, in Phyticks, is understood, among the Schoolmen, of a Vedimical of Generation, saying the Schoolmen, of a Vedimical of Generation, saying that is of Body; a good Habit of Body can good Habit of Body can confine frequent Exercificts, and their a good Generation.

The a celebrated Dogmin of the Schiffs, 'There is no Circle in Custed of the fame Ottoe, on Klastone with fundamental fundamental for the Circle in Custed of the fame Ottoe, on Klastone with fundamental fu

Gride in Gaufe of the fame Order, or Kind.

Gractus, in Logic, the Pearls of an Argament that appolas the Principle it fhealt proce, and attent that profice the Principle it of the Ting it focus the Market approve the Tings in the Company of t

other Formal

osker Fermal:
The Formal is that which in two reciprocal Syllogifins begs the Medium, which is the next Gusfe of the greater texturent. This Kind is by now except the formal properties of the properties of the Cude and Effect of it fell; which is blanc the Cude and Effect of it fell; which is blanc to the Cude and Effect of it fell; which is blanc to Sylloylins, the former whereof proves the Cude by the Eff. and the latter the Effect by the Cude it This may be followed by the Cude and the Cude in This may be the Cude in This into the Cude in This may be the Cude in This into the Cude in

admitted

summend.

Cincuss of the Empire, are fach Provinces, and Principalities of the Empire, as have a Right to be prefent at Dices. See Empire, as and Drive.

The Division of the Empire into fix Circles, was efficiently before the Committee of the C

berg, in 1522.
The the Order of these Circles has never been well re

"This is Civile of their Civile has never been well segi-ized a yer, in the importal Astroinst, it is a follows: The Civil of Astroin, that of Brygondy, of the Lower, Deep Civil of Astroin, that of Brygondy, of the Lower, Civil Civil, and the Civil of the Civil of Civil of Civil Civil, or Civil Civil, in Lower than in recitifi-ties, if the Astroin of Civil of Civil of Civil of Civil of Manor, and sting, the Civil of Civil of Civil of Civil of Manor, and sting, the Civil of Civil of Civil of Civil of Manor, and sting, the Civil of Civil of Civil of Civil of Manor, and sting, the Civil of Civil of Civil of Civil Manor, and sting, the Civil of Civil of Civil of Civil Manor, and sting, the Civil of Civil of Civil of Civil Manor, and sting, the Civil of Civil of Civil of Civil Manor, and sting, the Civil of Civil of Civil of Civil of Civil of This is civil Civil of Astroin of Civil of Civil of Civil of Civil of This is civil Civil of Astroin of Civil of C

migdt nave receive due to the Damages, and have kept the other.

Ciacuts, is all the Journey, or Progrefs the Judges take, twice every Year, they the feveral Counties of England and Walds, to boild Courts, and adminifler Juffice, where recourfe cament fo well be had to the King's Courts at Welt-

infler. See Junes, and Assess. CIRCULAR, any thing that is describ'd, or mov'd in a and; as the Circumference of a Circle, or the Surface of

round; as the Circumierence of a Circle, or the Surface of a Globe. See Circle.

The circular Form is of all others the best dispa'd for Motion; and the most expacious.

The modern Alterioneners sites, that the Heavenly Bo-dies don't more in Gircular, but in Elliptic Orbits. See On-

DIT, PLANET, &c.

CIRCULAR Lines, in Mathematicks, are fuch firsit Lines as are divided from the Divisions made in the Arch of a

Circle Such are Sines, Tangents, Secants, &c. See Sine, Tan-CENT, SC.

CIRCULAR Velocity, a Term in Aftronomy, figni GRACHAR Velocity, a term in Attronomy, fignifying that Velocity of a Planet, or evolving Body, which is measured by the Arch of a Circle: as suppose by Ab. (Tab. Afron. Fig. 10.) described on the Centre of Attraction S. The circular Velocity of a Body moving from B to C, is measured by the Ark BC.

CIRCULAR Numbers, are such whose Powers end in the

Roots themselves; as 5, whose Square is 25, and Cube 120.

ROOSE REMEMBERS.

CINCULAR Letter, a Letter directed to feveral Person, who have the same lottered in the same Affair; as in the Convocation of Assemblies, &c.

CINCULAR Sattling, is that personned in the Arch of a great Circle. See Satissio.

ceat Circle. See Saltino.

Circuler Sailing, of all others, goes the nearest of shortest ay: and yet there are such Advantages in failing by humb, that this later is generally peeter'd.

CIRCULATION, the Act of circulating, or moving in

a Circle. See Circle.
Thus, we fay, The Circulation of the Blood; the Circulation of the Sap; of the Spirits, Sc. See Broom, Say,

Science.

As in the great World we find a perpetual and orderly Circulation of Waters, coovey'd from the Sea by fuberrances.

Paffages, Springs, Sc. and return'd thibter again by River,
Sc. to in the little Ward, Man, a like Circuit is obferred.

Sc. fo in the little World, Man, a like Circuit is onicive a the Blood being continually driven from the Heart, by the Arteries, to all Parts of the Body; and brought back again to the Heart by the Vein. Sc Hirar, Vrin, and Arteria. Circuitation of the Blood, a natural Motion of the Blood in a living Animal; swhereby that Humor is alternately convey'd from the Heart to all the Parts of the Body, by the Arteries, and return'd from the fame Parts to the Heart by the Veins. See Broom.

the Veins, See Blood.

The Heart, we have elfewhere shown, is a Mustle, into
the Festricles or Cavities whereof, all the Veins discharge
themselves, and from which all the Arteries arise having,
within, a reciprocal Action of Dilatation, or Displote, and
Constriction, or Systole. See Heart, Systole, and Dea-

Now, the necessary Essect of such alternate Action, is, th Now, the necessary Biffed of finch alternate Action, is, that the Heart, by suras, both receives and capies the Blood. The Blood expell'd our of the right Ventricle, must be carry'd about the Pulmonary Artery (which artise shence) into the Langas, from which it must be return'd, by the Pulmonary Artery Venia, to the left Ventricle, (in which that Vein terminates). From the left Ventricle, the Blood thus imported, and the left Ventricle, the Blood thus imported.

is by the Confliction of that Part, again expell'd into the Apria, and by it diffiributed all over the reft of the Body; and thence return'd again to the right Ventricle by the Caus. which completes the Circulation. See Pulmonary Artery, and Fein; Cava, and Aorta. The Circulation of the Blood, bas been generally allowed to have been fifth discovered in England, in the Year 1628,

to have been fifth discovery in England, in the Year 1638, by Harrays, *Physician of our com Constry; the there are leveral Authors who diffuse it with him. Faufun de Muneteeun, in a Treatile of New Invention, printed in 1634, quotes feveral Patiliges from Hipporania, prove that the Circulation was known to him. Wiless, (Ep. ad Bartled), and territori, (Jeson, Ania), proceeding the New New York of the Physicists, but allo a proper process.

Plate and Arifoole.

"Tis added, that the Chinese Physicians taught it 400 Years, e're it was fpoke of in Europe.

Year, c're ir was foeke of in Europe.

Some go bock as fir as soldware, and imagine they for
forme The cost of it in Euclosfeler, Chaps xii.

Bern Grege, in an Islain Treated of Anstonry, quota
forest. Pattiages from Realista Chambers, and Anh Delle
forms, duren; but encel warm to prove the tree judicious.

Circulations, long-comple before Harvey.

Reading that Preside Surprise Annual Forestins, from
the code, that Preside Surprise Advanced Forestins, from
the code, that Preside Surprise Advanced the Conference
Laminous Machine Laminous President Surprise

Laminous Machine The Preside Annual Control com the Islandia

Leonicents adds, that F. Paolo durft not make known bit Lemicemi adds, has F. Feeld durit not make known is Differey, for fact the longitistics; that he therefore set by communicated the Secret to Fall. As Angalymeters, who the Library of the Markey the Communication of the that Library of S. Mark, where I ray hid a long time, till Angalymeters differed the Secret to Herroy, who the findly d ander him at Pathan; and who, upon his recurs to England, a Country of Library, published is as his own, to the Communication of the Bibbel I central, from the Communication of the Communica

lowing Confiderations.

1. All the Blood of a living Animal, upon wounding any one of the larger Arceries, is, in a little time, evacuated and that with a confiderable force: 2s appears from the Open

rations of Butchers, &c.

Part of the Animal Body into every Artery: and if the whole Maís of Blood be found to move on this occasion, the widen it must have moved before.

evident is must have mov'd before.

2. The great Quantity of Blood driven out of the Heat into the Arceties at every Palle, makes a Creatistion technique, since, without it, an infinitely greater Stock of Blood must be fappeed in the Body of a Man, than any Observa-

on or Experiment will allow of. For the the Anrients, who knew not this Circulation, imagin'd that only a Drop or two was expell'd at each Syftole; which they were necessitated to suppose, to avoid the too

over Diffention of the Arteries, from a more confidential great Diltention of the Arteries, from a more confiderable Influx: yet it is certain, and even demonstrable, that there must needs be an Ounce, or more, driven into 'em at each time; and yet fome compute five or fix thousand Pullstions

in an Hour.

3. Any of the Arteries, being ty'd with a Thread, fwell, and beat, between the Bandage and the Heart, but of the facility between the Bandage and the Extraplice of the facility between the Bandage and the Extraplice of the facility of the fa

Rody. Body.

If now the Artery be cut between the Bandage and the Heart, the Blood fireams out, even to Death: If it be cut between the Bandage and the Extremities of the Body. the

between the Bindage and the Extremities of the Body, the Quantity of Blood it yields is very finall. The vital Blood, therefore, flows thro' the Arteries; and its Course is from the Heart towards the Extremes of the

in Courfe is from the Heart rowards the Extremes of the Body: and this it does in every foint of the Body, internal and external; filll out of a wider Part into a marrower; out of the Trunk into the Branches. "The on this Principle alone, that all the Blood may be derived into any Attery, and custed at it. Sec Antery.

cuared at it. See ARTRE.

4. Any of the larger Veins being bound up with a Thread, fwell between the Extremes of the Body and the Bandage; but without beating; between the Bandage and the Heart becomes fiscald

but without bearing; between the instange and the Heart in Evonous flaucids, it is common flaucids to the common flaucids in the heart, it fears bleeds at all. The Blood, therefore, flews brilly from every Farr of the Body inso this Vera. Beautiful flower of the Dody meaning the Lawrence of the Dody meaning the Heart of the Hear

The Blood arriv'd here, its Motion, or Circulation is con-

The Blood mired Seen, in Monion, or Cereminies, in control as follows. The Blood mired as follows. The Blood twick in given hollow Madie familial with a double Series of firmer Physics proceeding with a control Direction to two opposite Tendous, the one of the state of the stat

By the fame means, the fame Blood rifes up into the three By the same means, are same those more up and the caree Semilunar Valves, plac'd in the Extremity of the other Mouth, and lying open to the Pulmonary Attery: these it shas close against the Sides of the Artery, and leaves a Passage

clote against the Sides of the Artery, and leaves a Paffage into the Artery alone. The venous Blood therefore, that is, the Blood of the Whole Body, continually moves out of the Simus, or Trunk of the Venu Caro, thro' the right Auricle, and right Venui-cle, into the Fullmonary Artery, in a continued and foresti-

Stream.

The Blood carry'd by this Artery into the Lungs, and distributed by its Branches thro' the whole Subliance thereof, it is first admitted into the Extremition of the Palmonarry Vein, call'd Arteria Venogle; whence palling lene four large Velts, which using toogether, it is bought to the left Armst Venogle; are Trunk of the Palmonarry Vein by the face of whole materials Streedure it affects in the Martine International Conference on the Palmonarry Venogle; are Trunk of the Palmonarry Venogle; are the Venogle; are the Palmonarry Venogle; are the Venogle; which, on this occasion, is relax'd, and by that means pro par'd to receive it.

pard to receive it.

Hence, as before, tis driven into the left Venticle, which is relax'd by the fame meant; and the Vehinle Martella is relax'd by the fame meant; and the Vehinle Martella for the fame of the vehicle, and haden its refers to the Pathonary Vint.

From hence it is fored into the Martel as who Cortice there are three Semilianary Vince, which also prevene are the semilianary vince, which also greene as the constitution of the vehicle of t

the Lungs, and receiv'd into the Arteria Venofa, Senus Venofus, left Auricle and Ventricle, being here continually

or opell'd into the Aerta; whole Ramifications are forced throughout all the reft of the Body, with a violent Metion.

This Motion, in living Animals, is attended with the fol-

thesegons as the serve significant in a strended with the fol-bring Flamman.

1. Both Frame Store's new fit(2, and gove target) as the fines stime. 1. Both Frame Store's new fit(2, and gove target) as the fines stime. 2. Both Anticles gove fines and the fines stime is followed by the strength of the strength of the strength of the consmittle Force of its coronary with Botol impossible of forces. 3. Each Vernatice controls, and empiric is foll of an experimental strength of the strength of mean time, the Veneus Sinus's are again fill'd, as before; and the Auricles, &c. return into their former habitude. and the Auricles, 85. return into their former habitude.

7. And this Alternation continues till the Animal begins to
languish, under the Aproach of Dearth; at which time,
the Auricles and Francis Stour's make feveral Palpitutions,
for one Controllion of the Ventricle.

for one Contraction of the Ventricle.

Thus is all the Blood, in its return from every Point of the Body, internal and external, and from every Point of the Heart and its Auricles, impell'd into the right Ventricle; Meart and its Auricles, impell'd into the right Ventricle; out of that into the Lungs; theare into the left Ventricle; and thence thre' the whole extent of the Body; and thence again broads hack and

and thence thro' the whole extent of the Body; and thence again brought back to the Heart. As to the manner of the Biood's passing out of the Arte-ries into the Veins, in order to its being return'd to tho Heart; there are two Opinions

Heart; there are two Opmions.

In the first, the Veins and Arteries are supposed to open into each other, or to be continued from each other, by Anafleanases, or InoSulations of their Extremities. See incomparations of their Extremities. LATION, ESC.

In the latter the extreme Capillary Arteries are supposed to let out their Blood into the Peres of the Substance of their

let our their Blood into the Parts of the Spatinoss. We that Parts on which Northino parts if four, and the cell received in at the Mouths of the Capillary Voins. Each of their manners mail be allowed to have in Place. Back of their manners mail be allowed to seconds for Spatial Capillary to the Spatial Capillary to the Spatia Eye ; Nature being ordinarily found very uniform, and con fiftent with her felf.

Rielauns, however, who will allow of no Circulation but by Anaftemafes; allows of none, neither, but by the larger

Veffels. The Ression of the Inter Opinion is deduc'd hence, that if part of the arterial Blood did not once out into the Sub-inter of the Parts, they could not be nouriful districtly. For example, the parts of the Parts of the Parts of the Veffels, may indeed convey Warmath theorems and in the Veffels, may indeed convey Warmath theorems of the Parts of t

Fig. 1. Then the Blood be driven out of the Veffels in a greater Quantity than is required for Nutrition; the redundancy must be limited by the Capillary Veins.

M. Lewranteck Rem d to have put this Matter out of doubt by his MicroCopes, with which he discovered the Industrial Confession, or Continuous on the University of the Industrial Confession, or Continuous on the University of the Partners of the Confession of the C doubt by his Microkopes, with which he discovered the Indi-culations, or Continuations of the Extremities of the Veins and Artetics in Fifthes, Fogg, 8%. But fome fill doubt whether there be fact Continuations in the Extremes of the Veins and Arteries in human Bodies and Quadrupeds: the Veins and Arraries in human Bodies and Quadrupedis-thole Animah it has been shithere obleved in, being either Fifth, or of the amphibious Kind, which have but one Ven-tricle in the Heart, and their Blood aftually cold; to which it may be added, that the Blood in their Creatures does not circulate with that Rapidity as in those whose Hearts have two Ventricles.

errantes was that skylinters are to the work statem nave formation, with the skylinters and the principal Organization, occasional Ma. Conspire to make Experiments on other Animals, which Farms have the limit Struckers with the local Mann. In which Farms were the limit Struckers with the local terror bening the contraction of the limit of limit of the limit of the limit of limit of the limit

The Septime, which fequences the two Auricies of the ther 2 and perhaps also by the Rosers of the Unablical Vein, Heart, is pieced three with an Apereure, cited the bermone which mich is stellar with the Blood of the Modner. The stellar was a stellar with the Blood of the Modner. The stellar was a stellar Momber, or Part of the Prance. The Form being may, the Formard of the control of the Modner than fraging is the Child which is here only regarded in Judget and the Common three than the Common three was a stellar Momber, or Part of the Prance. The Form being may be a stellar Momber, or Part of the Prance. The Form being the Modern than the Common three was a stellar Momber, or Part of the Prance. The Form being the Modern than the Common three was a stellar Momber, or Part of the Prance. The Form the Modern than the M

Ufe.

For while the Fetus is inclos'd in the Uterus, it receives no Air, but that little furnifh'd it by the Umbilical Vein:

Its Lungs, therefore, can't fwell and fabbide as they do after the Birth, and after the free Admillion of the Air. They the Birth, and after the free Admiffion of the Air. They continue almost at reit, and without any Motion; their Vef-fels are as it were full of themselves, and don't allow the

feis are as it were full of themfelves, and don't allow the Blood to circulate, either in abundance, or with East. Nature, therefore, has exeas'd the Lungs from the Pafego of the genetic Part of the Blood; and has contrived the Frances Oestle, by which Part of the Blood of the France Coses, received into the right Auxile, paffer into the left Auxile, at the Mouth of the Pulmonary Veins; and by this means is found as fir in its Journey as if it had pafe' the

Louge.

But this is not all, for the Blood of the Coose, which, miffing the Forenea Ocade, paffes from the right Auricle into
the right Ventricle; a being fill in too great Quantity to pafe
by the Lange, whither 'tis driven thro' the Pulmonary Artery;
the Communicant Canal Intercepts are of it in the way, and
pours it immediately into the defeending Aoria. See Fo-RAMEN, &C.

This is the Doctrine of Harvey, Locer, and most other Anatomists; but, M. Mery, of the Royal Academy, has

made an Innovation in it.

He affigns another use for the Foramen Ovale 4 and main-He stiggs another of the the Forenze Osath's and main-tians, that the should field Blood brought from the Circu to the right Ventricle, paties, as in Adula; into the Palmo-ment Arrey, where Farr of it is convey by the communication property of the Circumstance of the Circumstance of the by the Palmonary Voira into the left Agarde, where Yai di-vided into two Parists the one pating ther the Forenze O-outh into the right Ventricle, without circumstancy they'the Cartra and the reld of the Body y the other Part path'd, as in Adults, by the Commission of the left Ventricle, here the Advers, and the whole Body of the Earth, in the

The whole Qualition then turns upon this, use, whether the Blood pass thro' the Forance Obste from the right to the

left Ventrelle, on from the left to the right.

M. da Ferray affects the anisted phonon, against M. Alergy and minimis that the Firement Oracle has a Valve for Arguer and Arguer Arguer Arguer Arguer Arguer and Arguer and Arguer left Ventricle, or from the left to the right.

be the biggs, as being effected to receive a larger Ques-liver. To judge of the two Splenes therefore; it streads from these necked nothing but to determine which of the two Vedica were bigger in a Frant. The part of the two Vedica were bigger in a Frant. The part is also again as the deriva; and, on the other hand, M. Tarury, who fecteded M. at Errany, reduced. Cleic where the via the cleic of the derivation of the control of the con-bing examined by the Francis Royal Anademy. M. Tarury adds that the the Parlmannay Anreety floads and the control of the control of the control of the con-trol of the control of the control of the control of the secondary which were the control of the M. Litter, upon difficility and shall, in whom the Frant A. Litter, upon difficility and the control of the control of the control of the Carattation is the Fattra, Amendian the Party and the Carattation is the Fattra, and control

For the Source of the Circulation in the Fatus, Anatomiils

For the Source of the Crevatteton in the Fersi, Antenmits regular divided. The properties it, that during Gelinian, the Ameries of the Utrean convey facil: Blood into the Placeton which is noutfil by by 1, and the Saprilia conveyed issue the Rosers of the Utreal Color, which makes Fers of the National Color, which makes Fers of the National Color, which makes for the National Color, which makes for the National Color, which makes for the National Color, which will be the Color, which where it conver the Fersi Color, and its thence conveyed to the right Vourticle of the Heart, and diffirshared as before, the National Color of the National Color of the Placett, and diffirshared as before.

Fains, enters the Navel-firing by the Umbilical Arteries; thence passes into the Placenta, where it is refum'd by the Veins of the Uterus, which carry it back again to the Mo-

Heast.

Other Anatomits maintain, that the Festus is only fapply'd with Chyle from the Giands of the Userus; a which is
parther elaborated, and turn'd into Blood in the Vetfels of
the Festus; and circulates therein, without any further Communication with the Monthers. They allow of no reciprocal Girculation, excepting between

the Placents and the Festus.

the Phocenis and the Fettis.

But the former Opinion is best supported: For the Placettis being separated from the Uterius, during the time of
Gestation, exither yields any Chyle, nor any thing but
Blood. Besides, M. Merry has shewn, that the Uterius has
no Glinds to fernish any Chyle.

no Glands to furnish any Chyle.

Two other Obir-vations of the time Author, confirm the popular System: The inner Surface of the Uterus is like? with Veins; and the outer Surface of the Pitzeneria is not little with vity and the outer Surface of the Pitzeneria is not little with any Membrane. Now as 'ms by thefe two Surfaces that the two Germ is from emalaire glid vloopiers; it looks as if they were only left without Membranes, for an immediate Communication between the! Blood Veifes.

immediate Communication between their Biood Veifes, and a due their a Fed whereof M. Mery was an Eye-wise octs: A Woman big with Child was kill'd by a Fall; in the Conty of the Fally were found fever on eight Finns of Blood, found the Conty of the Fall were found fever on eight Finns of Blood, found dead; but without the leaft Appearance of any Womel found dead; but without the leaft Appearance of any Womel or Contations all its Blood-Veifed being empty of Blood, like those of the Mosher. The Body of the Placeate kills albert do the whole inter Surface of the Utrarys, now was there any extravafated Blood.

Now the Blood here had no other way to discharge it felf, Now the Blood here had no other way to ditcharge it tell, but by the Veirs of the Ottern's whence it follows, that thok Veins bring back to the Mother the Blood of the Fastary which alone defabilifies the whole Syftem. If the Greates-ties were only from the Fastar to the Placenta, and not also to the Mother; the dead Child would have had all its Blood, Upon the whole, the Blood in the Large of the Fastar is

one of the Advantages of Air or Respiration; which yet being necessary, Nature, its supposed, takes care that it re-ceive a Portion of Air, mix'd together with its Mother's Blood, and transmitted to it by the Umbibeal Veffels, to be diffus'd thro' the Body.

This is confirm'd hence, that by confiringing the Navel-fiting very tight, the Child thes like a Man fittingled: which appears to be owing to nothing but the want of Air. Add to this, that as foon as the Mother ceases to refipre, the Fatus expires

As to the Velocity of the circulating Blood, and the Time wherein a Circulation is compleated; feveral Compatations have been made.

tations have been made.

By Dr. Kepi's Account, the Blood is driven out of the Heart into the Mora, with a Velocity which would carry it 32 Peet in a Minate. But this Velocity is continually abated in the Progress of the Blood thro' the namerous Sections, or Branches of the Arrectics: 6 that e'er it strive at the Extremities of the Body, its Motion is infinitely disherent.

The space of Time wherein the whole Mass of Blood may

The fuse of Time wherein the whole Mafier Blood may condustry dreads, it warnoully described. Suppose the Heart to make soo Palies in an Hoar, and this at each Palie there is expelled as Ounce of Bloods as the whole Mafi is not ordinarily computed to occord as Pounds, it was not confined to the condustry computed to occord as Pounds, it was the whole Mafi is not ordinarily computed to occord as Pounds, it was the Charter Charter Charter of the Springs of the Norman Spring. That the Sprint circulate, it wined in the time manner as form that the Charter of the Spring of the Sprint, or the Norman Spring. That the Sprint circulate, it wined in the time manner as form that the Charter of the Sprint of the Sprint

That as the Heart drives out every Hoar three or four thou fand Ounces of Blood, whereas, ordinarily, there is not above two thousand in the whole Body; there is a Necessity for the Blood driven out, to return to the Heart, in order to fupply a Fund to be expell'd.

In like manner, 'ris shewn, that there is form'd each Hour a large quantity of Spirits, which are nothing but the more subtil Parts of this Blood driven out from the Heart whence 'tis inferr'd, that thefe too must circulate.

SPIRIT.
The Course they are supposed to take is this.

The most substitute of the Arterial Blood being earry'd from the Heart to the Brain by the Carotid Arteries,
are thrown violently into the fine Network, wherewith the
Bottom of the Ventriels of the Brain is lim'd; whence the Bottom of the Ventricles of the Brain is lin'd; whence the more delicate Parts are driven into the Mouths of the Cho-rold Arteries, where they continue their rapid Motion, and dishage themfelves at the Pores where those Vessels termi-nate around the Pincal Cland.

nute around the Fineal Chand.
Hence they enter that Gland, and there form a conflant
Spring of Sprins, which being here parify id, enter the ConSpring of Sprins, which being here parify id, enter the CoSublinace, from into the Lymphatical that the Poss of its
Sublinace, from into the Lymphatical they are curryl to the Heart by two ways.

The sublinace is the sublinace of the Contraction of the Con

and at last by the deficending Veins to the Heart. Whence they begin their Courfe afresh. Circulation of the Sap, is a natural Motion of the nu-tritions Juice of Plants, from the Root to the extreme Parts

The Conference of the Section 1 in a natural Motion of the natural term of the Section 1 in the Section 1 in

The Opinion, however, is not univerfally receiv'd: fome of the ableft Botanists, and particularly M. Dodart, protest-

And Opinion, nowever, as not answerding movie? 4 fome of the property of the p

and conf. a streaming. A concurration, which are can by an all only a streaming of the Merkol where in a Girculativa Bland be efficied; as well as for the Text of Recommondy unif the a Girculativa thank be about the contrastive of Recision commonly unif the a Girculativa of the Superior of Superior of the Superior of Sap from the recart of the tree thro the Pores, which di-lates the whole infentibly, by accumulating Circle on Circle; which are annual Gradations earlily observed upon cutting a Branch, or Trunk acrofs.

But fill, the Arguments for a Circulation, must be allow'd

But till, the Arguments for a Greateties, much be allowed of more weight than any thing here uny'd against. IT. IT. It fame Experiments of Ligature, and Incifere, which wince a Greateties in Animals, have been made in Plants, particularly in fach as abound in San, as the Milk-Thiffle, 55c. and with the time Success; the Eur between the Ligature and the Root fwelling very confidentisty, and the other mank total.

much sets.

The Ligatures are to be made with metalline Rings.

Dr. Lifter gives us an Inflance in the Catagoria mirror, where the Ligature being only a filten Thread, ryd as hard as possible without breaking the Skin, no greater Swelling arole on one fide the Ligature than the other.

Mr. Letterence gives us a Demonstration of the Circulation of the Sap, from an Experiment on the yellow strip'd Jef-

Surisc. Brench of a plain Jeffinnine, whose Stem spreads it Client was chree Bernsches, insculate a Bred of the yel-low fliving Jeffinning Stummer, from of the Text comes to flow, the following Stummer, from of the Text comes to found ting't here and there with yellow, and this cert on the Brenches to inconclude; it ill, by degrees, the whole of the Stem of the Stummer of the Stem of the Stummer of all viriages and the Stummer of the Stummer of the all viriages and yellow. See Valla-SATION.

Mr. Feirebild confirms this Experiment by a fimilar one of his own: Having inoculated a yellow spotted Jestimine Tree, into another Jestimine Tree, he sound, that the the

Bough did not take, yet, in a Fortnight's time, yellow Spots began to appear on a Shoot which came out of the Ground from another Part of the Piant. See Merz. As to the manner of the Girentatives, it is not difficult to

As no distance of the Circulation it is not difficult to cractice. Melifyld, Gree, for his means of Microlopse, have discovered, that the Wood of Parameter of the Capillary Talex, which ran parallel from the Rico of the Capillary Talex, which ran parallel from the Rico of the Capillary Talex, which ran parallel from the Rico of the Capillary Talex, which ran parallel from the Rico of the Capillary Talex, and may be look do as a furnise; and on the capillary th

Now, the Root having imbib'd a Stock of Juice from the Earth, that Jalce will be put in motion by the Heats that is, it will be rarefy d, and made to aften in from of a Stean or Vapour. Meeting, therefore, with the patent Months of the Attental Volffels, it will just thro' the Lune to the Top and extreme Parm of the Tree, with a Force inferential to and extreme Parm of the Tree, with a Force aniwerable to the Heat by which it is part amotion: when it is there are nively, meeting with the Cold of the extremal Air, it is con-densed into a Liquor; and is that form roterns, by its own weight, towards the Roor of the year! Veilids abovemen-

tiond, CHRCULATION, in Chymiftry, is an Operation whereby the fame Vapour, rais'd by Fire, falls back; to be return'd and diffill'd leveral times, and thus reduc'd into its most

febril Parts, See Distribution

fabell Paris. See DISTILLATION.

Circulation is performed by disposing the Liquor in a single
Vessel, stopped at top, called a *Percent*; or in a double
Vessel, stopped at top, called a *Percent*; or in a double
Vessel, stopped at top, called on each other; the
lower so contain the Liquor. See *Paircan*, and Double Tis perform'd either by the Heat of a Lamp, or that of

Aftes, or of Sand moderately hot, or in Dung, or by the Sun. It afailly demands a continu'd heat of feveral Days, an, it mustly demands a continu'd neat of ieveral Days, smetimes of several Weeks, or even several Months. See

functions of fewral Weeks, or even feveral Months. See Frant, and Harty.

By Chronistomy, the fineth Part of the Finish mounts to Perfect the Part of the Finish mounts to See the Perfect of the Part of the Finish sheets; it amis ; and thus, by occal school as the Burroun, whence it amis ; and thus, by occal school as the finish alternately in the Veillet; there is existed a kind of Cross-sory and the Part of the Part of the Part of the control of the Part of the Part of the Part of the control of the Part of the Part of the Part of the control of the Part of the Part of the Part of the Part of the control of the Part of the Part of the Part of the Part of the Control of the Part o ones a whereby the termer are renoured more and more au-til, and better disport to execut their Activity when sepa-rated from the latter. See Recursocation. CIRCULATORY, CIRCULATORIUM, in Chymis-

CIRCULATORY, CIRCULATORIUM, in Claymic try, the Vefice blace is a fine part to andrope the Process of Circulation. See Circulations. See Circulations. There are two Kinds of Circulations; the District of double Veficity and the Publican. See Deventa Fiftid and Platters, CIRCULLUS, in Commenty Logick, 26. See Circulations, CIRCULLUS, in Commenty Logick, 26. See Circulation and Circulations of the New York of Public with they officed acting of the Nexts of glast Veficits with they officed.

thus.

The Infirument being heated, is apply'd to the glafi Veffel, and there kept till it grow hot: then, by a few Drops
of cold Water, or a cold Blaft thereon, it files afunder.

Thus they car off the Necks of Retorts or Gecarbits. See RETORY, &c.

See Referent, 15c.

There is another Method of doing the fame, viz. by tying a Thread, farif dipp'd in Oil of Turpentine, round the
Place where the Fracture is to be; and then forting fire to the interest.

This dose, fome cold Water being fprinkled on the Place, the Glafs will be crack'd thro' precilely where the Thread

CIRCUMAGENTES Mafculi, in Anatomy. Sec O-

CIRCUMAMBIENT, an Epithet denoting a thing to in-

vest, or incompass another around. See Ambient.
We say the Ambient, or Circumambient Air, &c. See Air.

TMOSPHERE, &C. CIRCUMCISION, the Act of cutting off the Prepace:

CIRCUMCISION, the Aft of acting of the Propuez or, a Common in the Fundle and Administrate Religious, wherein they can save the Proposition, or Fore-thin of the Passecca. For profit the east, or the other Law. See Passecca. Let up optical the east, or to other Law. See Passecca. Let up optical the east, or to other Law. See Carromogities commonal in the Time of Administration and the second of the Carromogities commonal in the Time of Administration and the second of the Carromogities and the Market of Repolations, circumstered himselfs, and the Market of Repolations, circumstered himselfs, and the Market of Repolations, circumstered himselfs, and the Market of the Section See Section 1997. The Carromogity Particles among this Deformation.

an berediuny Farikee among his Defendinat.
The Corrossop, however, was not comifd to the fewer.
Heredare and Fishe Judeau chirree, that it obtained also
and he Registers and Ebispiane. Heredare lay, the
angle of the Control of the Control of the Control
and the Control of the Control of the Control
and t

that a little before the 'Time when he wrote, Circumcifion had pass'd from the Colchide, to the People inhabiting near rmodoon and Parthonin

Thermodoon and Partheomis.
Marthom is of Opinion, that the Hebrews borrow'd Cirenmeiflow from the Egyptens; s and that God was not the
first Author thereof: cting Dudown Siculus and Herodown
as Evidences on his fide. Be this as it will, 'tis certain, the
Practice of Certameflow among the Hebrews, differ'd very

Practice of Coremections among the Treovers, once the confiderably from that of the Egyptians.

Among the first, 'was a Ceremony of Religion, and was perform'd on the eighth Day after the Birth of the Child. Among the latter, a Point of mere Decency and Cleenliness, and, as some will have it, of physical Necessity: and was not perform'd till the thirecosth Year; and then on Girls as as Boys.

well as 1093.

Among the Jewi, Greameifion was perform'd with a Knife of Stone. They fee afide the Fractice of Greameifion, during the forty Years of their Faffing throw the Wilternels, in regard, Greameifion being intended as a Mark of Dilliketion between the Jews and Gentiles, it was unnecessary. coffery to make any Mark at all, in a Place wherein there

was no body to mix with them.

M. Fleury observes, that the Jews were not unanimous as do the Necessary of Creumeisten; some bolding it an Essen-

tial, others as a Circumstance.

The Tu.ks, before the Operation of Circumcifion, squeeze the Skin with little Pinchers, to deaden the Sensation: they the Skin with after rinchers, to deaden the Semanon: tuely then cut it off with a Razor, and apply a certain Pouder, which heals the Wound, and abates the Pain. They never circumcife till the feventh or eighth Year, as having no Notion of its being necessary to Salvation.

tion of its being necessary to Salvation.

The Perfigus circumdic their Boys at thitteen Yesrs; and their Girls from sine to fifteen. Those of Madagaglar cut off the Flosh at three several time to The most scalous of the Relations present, eatches hold of the Perputium and

Hervers tells us, there is a kind of Circumcifion among the Alexicosus, the they are very remote both from Judaijim and Mahometanifin: they cut off the Foreikin of the virile Member and the Hars, as from as the Child is born, with a

Member and the Ears, as from as the Child is been, with a word of Coremon, by cutting of the Coremon processing the strength of the Stren

There is a Godisther to hold the Child, and a Godisther to carry it from the House to the Synapogue, and to profess it there. He who eircumeifer is call'd in Hebreu, Mobel: Any Person is cholen for the Purpole, indifferently; provided be be but capable of the Fanction; which among the Jews Title of great Merit The Manner of the Ceremony, as related by Leo de Mo-

dena, is as follows. Two Scars are prepar'd, in the Morning, with filken Cu-fhions; the one for the Godfather who holds the Child, the other, as they fay, for the Propher Elist, whom they fap-pole to affift invilibly. The Perfon who is to circumseile brings the necessary Utcafils, the Razer, Styptic, Linen, Filher, and Oil of Roses 3 to which some add a Shell fall of Sand to put the Preputrum in. A Pfilm is fung till the God-mother brings the Child, attended with a Croud of Wo-men, and delivers it to the Godzinter, none of 'em entering the Doce. The Godfither being feated, fets the Child on the Door. The Godfather being leated, lets the Chits on his Lap then the Graumeljer taking the Razor, and pre-paring the Child for the Operation, fays, Bheffed he thou, O Lard, who haft expirit an Graumeljier; and in 6 faying cuts off the thick Skin of the Preparium, and with his Fincuts of the thick Sitn of the Preparition, and with his Finer Walls team of another finer Skin remaining, facilities and the state of the cut o

Nats; which is the Needle way the calculated frees are car'd much footer than the Tarks.

Thois among the Jews who perform the Operation of Circumstifien, are diffinguished by the Length of their Thumb-

Carouscision is also the Name of a Feast celebrated on the first of January, in Commemoration of the Circumvision of our Saviour. See France. This Day was antiently kept a Faft; in opposition to the Pagan Superfitions, who featled on it in boscur of the God

CIRCUMFERENCE, in Geometry, the Curve Line that incloses a Circle, or circular Space; call'd also Perspe-ry. See Circle, and Perspuery. All Lines drawn from the Centre of a Circle to the Co-

All Lines drawn from the Centre of a Circe to the Cyr-cumference, cail'd Radii, are equal. See Radius. Any Part of the Circumference is called an Arch; and a right Line drawn from one Extreme of the Arch to the

right Line drawn from one Extreme of the Arch to the other, a Cobrd. See Ancet, and Chone.

The Circumference of every Circle is fappord to be divided into 360 equal Para, call'd Degree. See Degree,

The Angle at the Circumference, is doubte that at the

The Angle at the Circumsterence, is double that at the Centre. See Angle, and Centre is equal to a Triangle, whose Base is equal to the Circumsterence, and its Height to the Radius. See

Hence, the the Circumferences of Circles are to each other

Hence, again, fince the Circumference of one Circle is to its Radius, as that of any other Circle to its Radius; the Ratio of the Circumference to the Radius is the fame in all Circles

The Ratio of the Diameter of a Circle to its Circumfe rence. Archimedes makes as 7 to 22; others, who bring nearer the Truth, as 10000000000000000 to 314159265358 nearer the Truth, as 10000000000000000 to 314159263358 97933. For Ule, the Proportion of 100 to 314 in finaller Circles', and of 1000 to 3145 in larger Circles, is com-mended by Vieta, Huggess, &c. The judicil Proportion for finall Numbers, is that of Mesius, who makes it as 113

than Numerics at Leviller and Aumerics at Circle therefore being given, its Greunference is had 3 and that multiply d by one fourth Part of the Diameter gives the Area of the Circle. See AREA.

The Word is form'd from the Latin Greum, about, and

or The Word is form'd from the Latm turnous, seeing region of the Marginery Cork COMPERENTOR, an inference at will a Surveying to take Angle by. So Ances, and Seventrane. On the Parkites 1 it confits of a Brid Gree and an index, all of a process of the Surveying, Fig. 15, in one of the Surveying of the Surveying, Fig. 15, in one of the Breight of th The whole is mounted on a Staff; with a Ball and Socket

The whole is mounted on a Stoff, with a Bull and Sockar for the Conveniency of its Motion. See Balta, and Sockar, the Boff of the Cincurrent Services, and the Stoff of the Cincurrent Services, and services, and the services of the Stoff of the Cincurrent Services, and the Angler qualified Boff, of Cinc. Services, and the John Stoff of the St

If the Remainder chance to be more than 180 Degrees, it If the Actinition of the Boltzman is a Degree, is much be again fubraticed from 360 Degrees; the last Remainder is the Quantity of the Angle fought.

To take the Plot of a Field, Wood, Park, &c. by the CIRCUMPTERENTO.

CHARLES ANYON.

Suppole AB CO B FO K, (Fig. 1) an Includere to be furevel; with the Circumference and the furevel with the Circumference and the furevel water for the furevel water furevel water furevel water for the furevel water furevel wat

fore. Then more the Infirument to C; turn the Sights to D, and meature CD as before.

In the firme manner, proceed to D, E, F, G, H, and laftly to K; fill noting down the Degrees of every Hearing, or Angle, and the Diffances of every Side.

Having thus gone round the Field, you will have a Table in the following form.

Stations, Degrees, Min. Chains. Links. 191, 316. 30

Pene shi Thie, the Field is no the plants of proposition, by the field is not plants of proposition, by the field in the field is not plant of the field in the field in the field in the field part of the field pa

nershon

this occition.
The Form of the Greek Circumfice was assisted the ferm with this of ones: In the Copilis changing the Form of the Charelter, and introducing the reaming Head, changed the Charelter, and introducing the reaming Head, changed the copied of the Charelter of the Char

CRGÜMLOGUTION, a Circuir, or Tour of Words, and cities when a proper Term is not at hand, to expects a rhing naturally and immediately by 3 or when one chales not to do it, out of refpects; or on forms other occasions. The Word comes from the Latin Greeningsquer, 1 speak

about. On commonwealth of the commonwealth of

Person

Pracos. The School-Divines are not the first Authors of this Terra; Danasferan, in the VHIth Censary, having said the Word woodpoors, which figurines the laten thing, in his Exploration of that Text, I time to my Father; and my Father is in mo. CRCUI "Plane Start, are first Start as being pecury mode, never first, or go below the Internet. See Sersa, Foat, "Out,"

CIRCUMSCRIBING, in Geometry, denotes the deferi-bing a polygonous Figure about a Circle, in such manner, as that all its Sides are Tangents to the Circumstrence. See

that all n'ables as "Impans to the Greanference. See Cances, Pacesco, gife.

The Term is fonceiment allo said for the declarings of a Circle shown it Polygon 5, is, and me each fade in a Cheed, and the contract of the cont

Circle abode, excepting that the Height is to be the Ra-The Area of every Polygon that can be inferib'd in a Cir-

The Area of every Polygon that ein he interihid in a Uni-cle is left in and that of every Polygon that can be circum-forded, genter than that of the Carle i. In like manner, the Polimeter of the first is left, and that of the Coron genter than the Circumference of the Grele. See Praimitta, 5%. On this Fractiople Arbeitmades attempted the Quadranae Can thin the Carle which is nothing elle, in effect, but the mea-faining child area, or Copacity of a Circle. See Quanta-

The Side of a Hexagon is equal to the Radius of a cir-

comforth's Circle. See Hexacon.
To Circumforthe a Circle about any given regular Polygon,
A B C; (Fig. 30.) and vice verfa. Biffect two of the An-

gles, v. g. A and B; and on the Point F, where the two Lines of Biffection interfect, as on a Centre, describe a Cir-

le with the Radius FA

Lieu et amentem memora, sin ou a Coure, describe a CurTé Gremmépule à Gyaure aleus a Gire. Dure vero Dinancera, A B and D B, (Fig. 11), inscrioling each other
lancera a B and D B, (Fig. 11), inscrioling each other
lancera of the Radiou, and henrichlous in F.G.H. 1 Desthe eight Lieu B, G, GH, H, and IP. Then is FO H I a
'4' circumferies our regarder Physics, 9.5, a Tennya,
shout a Circle. Bellet the Choud AE, (Fig. 13) by the
Tar Carlotte our regarder Physics, 9.5, a Tennya
denta a Circle. Bellet the Choud AE, (Fig. 13) by the
Tar A and E, a reserve the Radio AE and B F a said where
ders a Lieu puzzled to AE, meeting the Radio continul
cases of the Carlotte out of the Choud AE, (Fig. 14) by the
FF = FF a said draw a F; this insorber field or field for the
FF = FF a said draw a F; this insorber field or the Playgrant and the three manner may the red of the Schot a

To Inscribe any regular Polygon in a Circle. Divide 360 by the number of Sides, in order to find the Quantity of the

by the number of Suda, is eader to find the Quantity of the Adagle E.P. js within make as the Caustr, and apply the Cloud to the Periphery as often as it will go. Thus will the deal'd Pigner to reinvilled in the Cloud Event, or the CHACCIMSTANCES, the Incidents of an Event, or the Division is, the Convertion and Story See Incirnover, this Alternation, and a creative Management of ceternal Cor-emplement in the milit whereof by a placely which Are responses of Coremplement, depends on the Previdence of Coat whereo Convertion also depends on him. See Con-clear whereo Convertion also depends on him. See Cona this Levin Viele

Quis, quid, ubi, quibus auxiliis, cur, quomodo, quando.

Must, mid, whe, guiden assolitic, eur, quemont, quanto, Beit, who, democes the Quality, Sute, Age, Gir. of the Perfox. Build, when, the groutnes, finallicit, maltitude, formed, Gir. of the chaige. Did, where, the Pines. Builds seemed, Gir. of the chaige. Did, where, the Pines. Builds (Dar, who, on what Account, with what View. Dimension, the chair of the Children, and the Children for the Children of Children, which will be made, the Building of the Additon, so to Intension of Remist-ness, the Building of the Children, as to Intension of Remist-ness, the Children of Pro-yellers, the Time 3 are as Holderly, at the House of Pray-yellers, the Time 3 are as Holderly, at the House of Pray-

do, when, the Lime; at one Homesty, at the Linux or Lays-CGRCLUMSTANTBURS, in Law, is and de the laysing-ing, and making up the Number of Juren, (in cit any im-pusedled appear not or appearing, be challeged by the Larry) by adding to them so many of the Ferious pretent, or through ty, as will stere the time. See Jean; and the Jurine through the contract of the Company of the Company of the large Trench, made smooth a Campus line the hedging of a Trans. Soc. Linux, Possytectarroll or the Company of the Compan

large Treech, ander evonal a Camp; in the hedging of a Trous. See Livin, Servirinarion, Green Servirinarion, Grant Treech as to be a Camoo their dilitate from the Place, Tha Treech as to be a Camoo their dilitate from the Place, and the Campella of the C

cellium.

CIRCUMVOLUTIONS, in Architecture, the Turns of the Spiral Lion of the Isnic Volate. See Volures.

The Word conces from the Lion Circumvelvers, to turn around; and is also apply? to the Turns of a wreath? or writing Column. See Columns. See Columns, the Columns of th

Secretaria, Carcasa and super Banding, canter yound, Secretaria, Carcasa and Games and Secretaria Games, Games and Secretaria Games, Games and Secretaria Games, Games and Games

Atque duas tausum res anxius optat, Panem & CircenfesSome derive the Word from Circe, to whom Tertullian attributes the Invention. Caffiedorus fays, Circus comes à

The Romans, Servins observes, at first, had no other Circus but that made by the Tiber, on one fide, and a Pallifiede of

naked Swords on the other-Hence, according to Islatore, came the Term Ludi Circun-ses, quast Circum-Enges. But Scaliger laughs at the Ety-mology.

The Games of the Circus, which fome call Circussian Games, were Combats celebrated in the Greus, in honour of Confus the God of Councils; thence also call'd Constalia.

See Conspania

See Connealla.
They were also called Reman Games, Ludi Romani, cither on account of their Antiquity, as being coveal with the
Reman People, or became Cribilliad by the Remans: and
the great Games Ludi Magni, because celebrated with more
Expense and Magnificence than any others; and became
held in bosour of the great God Nejsma, who was their

Those who say they were instituted in honour of the Sun, confound the Pomps Circonfis, or Procession of the Circus, with the Games.

with the Games.

The Games of the Circus were inflitated by Evander, and re-citabilithd by Romailus: The Procession was only a Part of the Games, making the Pedude thereof; and confiling of a simple Cavalende of Charlot.

fitting of a imple Cavaleade of Chariota.

Till the Time of the Elder Tarquin, they were held in an Illand of the Tiber; and were called Roman Game; after that Prince had built the Circus, they took their Name thereforn; as being conditantly held there.

There were fix Kinds of Exercices in the Circus: the 1th

I nero were its Kinds of Exercites in the Green: the 1st Wreffling, flighting with Swords, with Stares, and with Pikes: the ad was Racing; the 4d Salsatio, Dancing: the 4th Diffs, Quotts, Arrows, and Coffus; all which were all on Foot; the 5th was Horicourfus; the 5th Coerfes of on Foot; the 5th was Horicourfus; Charlots, whether with two Horfes, or with four. See B10.8,

In this laft Exercise, the Combatants were at first divided into two Quadrils, then into four; each bearing the Names the Colours they wore ; Fathio Alba, Ruffea, &c. See

Faction, Quadrate, &c.

At first there was only white and red; then green was added, and blue. Domition added two more Colours, but they did not bold. It was Ocnomeaus who first invented this Method of diffinguishing the Quadrits by Colours. The green was for those who represented the Earth; the blue for the Sea, &c. See

Colour, Efc.
CIRRI, in Botany, a Term us'd for thole fine Strings, or
Hairs, by which fone Pleans fiften themselves, for their fapport, as Ivy, and the like, Soc CLASPASS.
CIRSOCELE, in Medicine, a Dilatation of the Spermatic Veins; occation'd by a too thick, grunness Blood; call'd
all Harmat Parisely. See Hannaya. Coloun, Sc.

The Word comes from the Greek zagols, varias, Vein, and

The work control of the first state of the Alph.

CISALFINE, any thing on this fide the Alph.

CISALFINE, any thing on this fide the Alph.

The Remarks divided Gaul, and the Country now call'd Lembardy, into Gfalphine and Translations. See Taxasat.

That which was Cifelpine with regard to the Ramans, is That which was Clashine with regard to Mysaldine with regard to us.

The Word is form'd from the Preposition Gis, on this fide, and Alpes; which, tho properly confined to the Mountains feparating, Italy and France, yet is us'd by Authors for any

Thus Aufonius has the Alps of the Pyrenesus, the Alps

CISSOID, in Geometry, an Algebraic Curve, first in-vented by *Directes*; whence it is popularly call'd the Cissoid of Directes. See Curve.

of Directs. See Cenvr.
The Gendie of the Ciffiel may be thus conceived: To
the Diameter A B, (Tab. Analytis, Fig. 2) of the Semicircle A O B, draw an Indefinite Line, at right Angles, B C I
then, draw the right Line A II, and make A M = I H, or
in the other Quadrant, LC = A N. Thus will the Prints
M and L be in a Courve Line A MO I; which it the Giffed

v, AP=x, PM=y; x°=vy. And after the fame manner it may be shown, that AP, PN, AK, and KL, are in continual Proportion

4th, In the Ciffeid, the Cube of the Abfeiffa AP, is equal to a Solid, artifing of the Square of the Semiordiane PM, multiplyd into the Complement of the Diameter of the generating Circle PB. Hence, when the Point P falls on B, then x == a, and Re-

my; confequently, y'=a'. Wherefore, o: 1::a':y'. that is, the Value of y becomes infinite: and therefore the

will neve 5th, BC, therefore, is an Allymptone of the Ciffeid, Sen

ASSYMPTOTE.

Assystement and the both of the Courbeid and Cliffeld, for the finding of 140 mean continual Proportional Insurer too given right Lines. See Pacowary was a few ready of 140 cliffeld and Cliffeld and Courbeid and C

near as many Namerica. See Orders, Moors, Nation-ors, U.C. The Order took its rife in 1013, from twenty one zerlous Mooks in the Monatlery of Molifine in Burgundy; who, with their Abbot Robert, complaining that the Rule of 8. Brendelf was not firely enough obbert of poball of Permillion of Hugh, Archbithop of Lymr and Legate of the Holy, and to fettle in a Place call'd Offenses, the Miles from 20,000. to testie in a risce call'd Coffessirs, nive Mitos from 201900. Here Endes Duko of Burgundy ercled 'em a Bailding, into which they were admitted in 10.58 5; endowing it with a confiderable Revenue. The Bithop of Cashons gave Robert the Patforal Staff, in quality of Abbot; and erected the new Monattery into an Abboty. See Assur.

Such was the beginning of the Ciftercions, fo famous in After-times, and now fo extended throughout all Europe.

CISTERN, or CESTERN, is properly us'd for a fubter rancous Refervoir of Rain-water. See Wall.

Cifferns must be made with good Coment, to retain the ater. See Cement.
The Bottom should be cover'd with Sand, to sweeten and

preferve it. See WATER.

Authors mention a Giftern at Conflantinople, the Vaults
whereof are supported by two rows of Pillars, 212 in each
Row 4 each Pillar being two Foot in Diameter. They are Row; cacn rillar being two Foot in Diameter. They are planted circularly, and in Radii tending to that in the Centre. The Word, according to fome, comes from Cit, and ter-ram, i. e. inter terram; others derive it from Cifla, an Oer Basket, a Duct, &c.

CISTUS.

GRANET, & Done, Go.
CISTUS.

CISTUS.

CISTUS.

CYST-Hepatic.
CYSTUS.

GISTUS.

COTYPE,

CITADLE, or CITTADLE, a Fort, or Place fortifyd with fina, five, or fix Bailions; built fometimes in the most content far of a Gir, and fometimes only near the City, against linear or a Gir, and fortier only near the City, against finemies. See Forx, Forxiva's Pflace, &c.

In the latter if ferves to command; and to keep the Lebablians in their Obediene: for which purpote the City the moderate of the processor of the City of the

del fortify'd roward the City el fortify'd roward the City.
The moft ufual Form for Clitadels, is that of a Pentagon:
Square being too weak, and a Hexagon too big. Set
ontification, Pentagon, Sc.
There is always a large Elplanade between the City and

Citadel. See Esplanade.
The Word is a Diminutive of the Italian Citta, City, q.d.

CITATION, an Affignation, or fummoning of a Perfor before an Ecclefiaftical Judge, on fome Affair relating to the

In the Civil, and Ordinary Courts, it is call'd Summoning-See Summon

See SPANSONA.

The Word Gyratrons is allo an'd in freeking of Milling marks were assessed in the control of the property of the Captain of the Segional Architecture, the Designer of Architecture, and Operary is and was published by the Segional Architecture, the Captain of the Captain of the Gastes of the Gifty Liberrary, which there belonged in and Gasteria of the Gastes of the Gifty Liberrary, which there belonged in and the Captain of the Gastes of the Gifty Liberrary, which there belonged in an and the Captain of the Captain o

the Gasts of the City Liberra, which then belong to K. Harry. Re District in one specified, all lib Domains, and Effect in France were contributed by Liberra and Effect in France were contributed by Liberra and France Liberra and Libe

relates an Inflance of two Persons, preserv'd fase from the mod dangerous Aspics, by cating a Cirron.

The Dilithlers, Personners, Confectioners, Us. procure divers things from Cirrons; as Efficience, Olis, Confections.

Water, Sc. Cirror-Wayer.
Cirror-Water. See Cirror-Wayer.
Cirror-Sund. See Sar-rat.
Cirror-Sund. See Sar-rat.
CiTY, a large Town, includ with a Wall. See Town.
Tis hird to give any juft Definition of a City; in regard,
Cultom has referred the Appellation of Young, to 6 manufactors of manufactors of the Communication of the

Formerly, City was only underflood of fuch Towns as were Biftons Sees: which Dillinction feems still to hold in Eco-

Bilhops Sees: which Diffinction feems fill to bold in Eig-lead; the no where clfe. See Ser. Cry is particularly at d a express the Heart of the Piace. At Taris they have the City and the University; at Lan-don we have the City and the Suburks. The Term City had its rife among us, fince the Conquest;

Inc 1 cm City had its fite among us, fince the Conquett; for in the Time of the Sexons there were no Cities, but all sreat Towns were called Surghs: Thus, London was call'd unden Rurah. See Burgan

Annae Burgs. See Bussels.

And for a long time after the Conquest, City and Burgh were us'd promisenously: thus, in the Charter of Lescester, that Place is called both Civitas and Burgss; which shows a that Place is called both Croites and Burges; which thewe a Milake in my Lond Cake, where the tells us, that every Caty was, or is a Hishop's See. Nor had Glacester any Bishop then; the its call'd a Cary in Dome's Day. The like may be ob-fere'd of Combridge; to which it may be added, that Crompnow, reckoning up our Cities, leaves out Ely, the it had a Bifliop and a Cathedral.

Billion and a Circhetel.

Yet Coffinense, Verolinetest, Biorgunst, Liv, France has Vet Coffinense, Verolinetest, Biorgunst, Liv, France has visible in Ferticules 1-4, Edizir and gives his Ranfon, because his host own, wheth bloops and Biolinestine a Storm, or Possipe, with all its Dependencies, confirming a particular Republic; fach as are, full, Ferral Clines of the Empire.

The the anticus Ganth were, in clieft, only one Nationa, the world of the Coffinense of the Company of the Coffinense of the Company of the Coffinense of t torm a as many discreent States; or, to speak with Cellar, as many discreent Cevistare, Critics. Besides that each Cry had its particular Affemblies, it tent Deputies, too, from time to time, to the general Affemblies, held on Affairs relating to their common Interest.

Augustus, upon numbring the Roman Citizens, found they

Anguitss, upon numbring the Ruman Crisens, found they amounted to A Millions, 130-00. See Ensumera arrow.

To make a good Ruman Crisen, there were three things requir'd; that he were an Inhabitant of Rum; that he were insoll'd in one of the 33 Tribes; and that he were capable of Dignitics. Those to whom were granted the Rights and Privileges of Ruman Crisens, were properly only Human Crisens. rary Citizens

rary Citizens. The feventh Law, de Intelli, makes a great deal of dif-frence between a Citizen and a mere Inhabitum. Birth, alone, made a Citizen; and cattiled to all the Privrileges of Burgely: Time could not acquire it; but the Emperor could

The Word comes from the Latin Civis; which Authors The Weed comes from the Latin Creix; which Authors derive from Crey, by Reachs the Circurent pre-superface or stakes from Crey, i call together. Design the Name of the Admind whence it is taken. See Para war.

The Crew, or Court-Crey, is a little Animal, refembling or Crey is excluding that this Sount is more pointend, but Clew leds diageous, and his cry different.

The Crew the Animal produces, is formy like a kind. The Crew the Animal produces, is formy like a kind.

of Greafe, or thick Scum, in an Aperture, or Bag, under his Tail. 'Tis garher'd from time to time; and fill abounds, in proportion as the Animal is fed.

There is a very confiderable Traffic of Civer, from Baffera, Calleut, and other Piaces, where the Animal that pro-duces it is found. Tho, part of the Greet among us is fur-nish'd us by the Duteb; who bring up a confiderable Number of the Animals.

ner or the Animals.

Before any of rhole Animals were feen in Europe, or it had been obliver'd how the Perfume had been guther'd; the common Opinion, founded on the Relations of Travellers, was, that it was the Sweat of that Animal, irrisated, and kindled into Ruge.

To this of the common of the Relations of Travellers, which was the Sweat of that Animal, irrisated, and the common of the Relations of the Relati

kindled into Roge.

To this effect, twas faid, that the Animal was inclosed in an Iron Cage; and after having been a long time beaten with Rods, they gathered with a Spoon, they the Bars of the Cage, and between the Thight of the Animal, the Swest or Foam, which the Roge and Agitation had preduced a and that without this Precaution, the Animal would yield no Perfume at all.

Ferlume at all.

But Experience has taught us better; and we now know, that the Ferlume Giver, is only a thick unchous Humour, fectered by certain Glands between the raw Tunies of the Bag wherein it is aman'd, under its Tail, beneath the draws.

Civer must be chosen new, of a good Considence, a whitish Smel

Colour, and a firing differential Small.

Beddes the Indian and Dweet Circut, there is also a Giver
from Brafil, or Gaissa, like that of India 4 and an Occidented Circt, which bears no refemblance to it.

Circe is jirtle su'd in Medicine, except in a Thickness of
Bearing, from Coldy where a Gario or two being put in a
little Corm, or Wool, and the Ears flooped therewith, is
formelines of Ferrice. It is much and among Ferrices rand Sectioner. The Word Civet comes from the Arabic Zibet, or Zebet.

Frank

Scum, Froth.

CIVIC, an Epithet apply'd to a Kied of Crown, made of

Oaken Leaves; antiently beflow'd by the Romans, on those
who say'd the Life of a Fellow-Citizen in a Battle, or an Affault. See Crown.

lauk. See Crown. The Cross Grown was exceedingly effected; and was even given as an Honour, to Angulfus; who on this Oceasion struck Coins with this Device, On Crives Sarvaros. It was also given to Cheero, after his Discovery of Catiline's Configuracy.

CIVIL, in its general Sense, is something that regards the olicy, publick Good, or repose of the Citizens, or Subjects tate. See City

of a State. See Catt.

In this Stone, we fly, Gril Government; Givil Law; Gital This Stone, we fly, Gril Government; Givil Law; Gital Rights; Gril Wet; Eds. See Government, eds.

Civil Law, Law Givili, in define, in the Inditiates, to be the Laws posullar to each City, or each People but in the modern Ufe, it properly implies the Ramas Law, contained in the Inditinues, the Dignel, and the Code; otherwise called, in the Inditinues, the Dignel, and the Code; otherwise called, in the Inditinues, the Dignel, and the Code; otherwise called, in the Inditinues, the Dignel, and the Code; otherwise called, in the Inditinues, the Dignel, and the Code; otherwise called, in the Inditinues, the Dignel, and the Code; otherwise called

in the Inflitutes, the Digital, and the Code; otherwife call'd, the Lex Serigles, or Wittest Lew.
The Rennie Lew, at its Commencement, was very incondicated in the Code of th

Für Festivarium.

The Republe, after absolibility the Regal Government.

Bit netted the Royal Laws: To their they added the
first the Royal Laws: To their they added the
first the Royal Laws: To their they added the
first the Royal Laws that the Royal Laws
that the Royal Laws
for the Royal
for the Royal Laws
for the Royal
f

In the Year of Rosse 731, the Republic expir'd; and the whole Power of the People was transferr'd to Augustus, who was contented to publish his new Laws in the Astembly of the People; to keep up fome Image of the Republic by this Formality

is Formanty.

Tiberius abolish'd these occasional Assemblies, on p Therms assessed there occasional anemones, on pre-tence of their being roo numerous; and in lieu thereof prof-fer'd his Lawstorhe Senste, who never fail'd to confirm 'em: informuch rhst the Laws of Tiberius, and his Succeffors, who kept the fame Measures with the Senate, were effected Seus-Confulre

naisst-Onglists.
Thus 2006 two Kinds of Roman Law, with regard to the
Changes in the Legislative Authority: the Law established
by the People, Philipitas 3 and the Laws of the Emperors,
or Imperial Laws. See PLEASESTRA, 2018 INFARIATE.
During the Time of the Republic, and even under the

During the 'lime of the Republic, and even under the Emperors, there were 'furi-Congluit; who making publick Profession of the Study of the Laws, interpreted, were con-sistent on the different Senses of the Laws, and gare Answers to the Questions propored to 'em hereon; which were call'd Responsa Presdentium

Patrins was the first of these Juris-Confulti, after the Expulsion of the Kings; and Modessiums the last. See Ju-ats-Consulti.

ass-Constaury.

After blen, vio. in 240, these Oracles of the Reman Jurispredence casting, out of their Weiting, which made no less
than 2000 Volumes, a Body of the Reman Law was after
wash compiled, by Order of Pfallinsia.

The Magnitrates, on their fide, in administring Justice,
constant the Laws with more freedom than even the Jintowarest chase with more freedom than even the Jin-

interpreted the Laws with more freedom than even the Jin-ris-Confinit; and were, as it were, the living Voice of the Law. rei Guthiti, and sere, ait were, helling Voice of he Law.
The Emperse to, to reder the interpretation of the
Majdittans leis fire and frequent, appointed, heir they
templitze leis fire and frequent, appointed, heir they
templitze leis de confider a neithe afmirer reception
to gettime in Law, as may be obliered into Pliny's
the confidence of the confidence of the confidence of the
theory of the confidence of the confidence of the
properties as new Laws were mode at Rame, team
was take no collect and reduce 'on into Buthat. See Boor.
Polytrize, in the "There of Tarapoints Supriss," made o
Calcidinate of the Regul Laws. And no footner was the Reproperties that the confidence of the results of the
the third that the Law of the Termine of the
third that is not held not for the Termine of the
third that he has the Law of the Termine of the
third that the the the the the the

In the Time of Julius Cefar, Ofilius, a Lawyer, began a Col eftion of the Edicts of the Presons; which was not finished till the Time of Adrian; by another Lawyer, Ju-

In the Time of Configuration, or his Children, two Juris-Confluit compiled two Codes; from their Authors called Gre-gorians, and the imagenize Codes. See Cores. Lattly, Julianan, finding the Authority of the Reman Law almold abooling in the Weth, by the Declemino of the

Law almost abouth of m the west, by the Deciention of the Empire; refolved to make a general Collection, of the whole Reman Jurifprudence; and committed the Care thereof to his Chancellor Tribonianus.

That Minister executed his Commission with a great deal of

That Miniter executed has Committies with a greated of Dilgeor, no to fay precipitation a new Cole was faithful Dilgeor, no to fay precipitation a new Cole was faithful Dilgeor, no to fay precipitation a New Cole was faithful Dilgeory of the Cole of Tale of Aginates, be plant's an Advinguence, thereof constalling the fall Propole and Elements of Law, under the Tale of Aginates, be heavy rearran.

The Cole of Co

to the Gray of Fife; Tho we find a queen in borrest Lean Works long holore Autorius. The track bowers, it was never rangely published; till the Killih Contury y when Interior first under profited on it as Fillings, in 1145 y obscure, in a contract of the Contract of the

Alt sort relevant in the July in any Namon without founce general and practical reducings and office. Ordinaries and office. Ordinaries and advantes or aff it goest part of it. In Perform, Ordinaries and Statustes or aff it goest part of the property of the International Control of Control

ss regulated by Ordonnances and Edicis.

The Gravi Laws, in Spans and Partigal, is connected with
the Jest Regisma, and Cultom. In Scotland, the Statutes of
the Sedermat, part of the Regis Majeflatti, and their Cultoms, control the Givil Laws.

toms, courso the Count Lawe.

In England, it is us'd in the Ecclefisffical Courts; to the
Courts of the Admiratry; and in the two Univerfities; yet
in all these retirain'd and directed by the Common Law. See

in all their retiraind and directed by the Common Law, See Law, Cosmon-Lews, Sec. Crisis Mar, is a War between Pemple of the fame State, or Citisens of the fame City. See W.A.. Crisis Death, any thing that serrenches, or cuts off a Mar from Gord Society; as a Condemnation to the Gallies, per-petual Bandhmon, Condemnation to Death, and Exom-ministation: All which make a Man cask to be look? do as

a Citizen.

The Term is likewife apply'd to those who are no longer capable of acting in Temporal Concerns; as those who renounce the World, who retire and make You'd, who retire and make You'd. See Monn, Yown, Monayten, Jo. Civir, in a Legal Senfe, is also apply'd to the ordinary Procedure in an Action relating to forme Peccaling Matter, or

Interest; in which Sense it is opposed to Criminal. See Ac-TION, CRIMINAL, U.S. CIVIL TEST, is the Legal Year, or annual Account of

Green 1787, is the seem that appoints to be used within its own Dominions. See Time.

It is thus call'd, in contraditinction to the Natural Year :

which is measured exactly by the Revolution of the Heaven

which is mediard cardly by the Revolution of the Hennes, by Bollers, See Yang, Mooren.

Civit, Math. J. See J. Mooren.

Civit, Math. J. See J. Mooren.

Civit, Math. J. See J. Mooren.

Civit, See J. See J. Mooren.

Civit, See J. See J

Continued Canas, a Claim made from time to time, sub-in every Year and Day, to Land, or other Thing, swite, on forme accounts cannot be attained without changes at Right, I do not care for four of bearing; I am to held an Right, I do not care for four of bearing; I am to held my Right of Eury at my bold opportunity; by appositing as note at I can, once every Xeri, a stong at I nive; that, a contract I can be a contract to the care of the CLAIAR OBSCURE, or CHIARO SCURO, in Pain, ting, the Art of difficulturing, to advantage, the Lighty and Shadows of a Picce; both with regard to the cating of the Psy, and the Effect of the whole Nece. See Lours, and

SHADOW.

SIALDOW.

Thus, when a Palener gives his Figures a ftrong Reliero, loofens 'em from the Ground, and fers 'em free frem each other, by the Management of his Lights and Shadows; he is fild to underfland the Clair-shigure.

is faid to understand the Clair-objeure.

The Clair-objeure makes one of the great Divisions, or Branches of Painting; the whole of a Picture being refeires ble into Light, and Chadout. See Painting.

The Doctrine of the Clair-objeure, will come under the

following Rules.

following Rules.
Light may be either confider'd with regard to it felf a to Edite's, the Place wherein 'ut diffield' a reit to U.C.
its Edite's, the Place wherein 'ut diffield' a reit to U.C.
Natural, diether comes immediately from the San, which is britt, and its Colour various according to the Time of the Day or it it and or it clearly him to be though the interference of the clear that they which the pir is practice in difficult in the control of the colour various which the pir is practice to the colour that the colour is district, yet repreferes Objects in the regarders Colours with more cast to the Eye.

Admitted proceeds from Fire, or Flame, and tinge the reputs of the colour of the colour than the Light is profice, in we ramow and committee that the colour than the Light is profice, in we ramow and committee that the colour than the Light is profice, in we ramow and committee that the colour than the Light is profice, in we ramow and committee that the colour than the Light is profice, in we ramow and committee that the colour than the colour tha

ry narrow and confin'd.

For the 2d, the Effects of Light are either Principal, as For the 1d, the Biffell of Light are clicke Principle, as when the Rays full perpendiently on the Top of a Body, without any Interruption 3 or Classiring, as when it dises along Bodies 3 or Secondary, which is for things at a diffuse, 3. For the Place, the clicker the open Campuing, which makes Objects sparse with genes Solited 5 or an incide make to Digith sparse with genes Solited 5 or an incide more helity, and in Secondary in the Company of the A For the Up, or Application IT. Light of the San is always to be improved without, and over against the Politers, Are I row the Indian the Secondary Ingues the Laminestin

always to be fujewed without, and were against the Meller, that it may beinghen the forcement Fujeware; the Campissisis themselves never appearing, is required the belt Colour cost experts its. The their Highter to meet on the chief Gener experts in the control Higher to meet on the chief Gener The Light to be partful over the great Fara, without being cost of, or interrupted with fuller Madews. The full reserve of the principal Light to be only in one Farr of the Fixes for the principal Light to be only in one Farr of the Fixes for the principal Light to be only in one Farr of the Fixes for the principal Light to be only in one farr of the Fixes for the principal Light to be only in one for the fixes or the fixes of the fixes of the fixes of the fixes of the great for the fixes of the fixes that the fixes of the fixes of the fixes of the lights having fixes of the light fixes of the fixes of the the lights having from the fixes of the fixes of the the lights having fixes receive it. receive it.

For Scholows; they are diffinguish'd, 1st, into those furn'd on the Bodies themselves, by their proper Relievos. 2d, Those made by adjacent Bodies; those that make Parus of sny whole; and the different Effects, according to the different of the control of the c

For the first, since the different Effects of Lights only appear by Shadows, their Degrees must be well mausgor The Place which admits no Light, and where the Colour The Place which admits no Light, and where the Cosum are loft, muft be darker than any Part that has Relicov, and disposed in the Front. The Reflex, or return of the Light, brings with it a Colour borrow'd from the Subject that reflect it; a sand files off at a greater or lefs Angle, according to the Situation of the reflecting Body, with regard to the luminous

its Effects must be different in Colour and in Force : according to the Die noficione of Podice Deepenings. which admit not of any Light, or Reflex, must never meet which admir not or any Light, or Renex, must never meet on the Relievo of any Member of any great elevated Part; but in the Cavities or Joints of Rodies, the Folds of Democracy of

in the Cavities or Joints of Bodies, the Folds of Draperies, ES-And to find Occafions for introducing gent Shadows, to ferve for the Repole of the Sight, and the loofening of Things, influed of many little Shadows, which have a piritful Effect. For the 2d, The Shadows made by Bodies, are either in For the 1d, The Stadows reade by Bolies, are righter in plain and finosoft Paices, or on the Enris is wherein they are deoper thus the Bolies that ecceion ten, as receiving ich refece Lights; yet till idminiful is shely desput further from their Crails; or or the neighbouring Bolies, where from their Crails; or or the neighbouring Bolies, where it is Magnitude and its Politics, with regard to the Light. For the 3d, in Shadows that have Fars, the Painter mult observe to rake for a Light in a findow'd Plates, the Tains.

obferes to rake for a Light in a fluidowd Piter, the Tisin, of Line; the Unit, of Line; the Unit, of Line; the Shadow in the Sha

the Lights, without tottening the harth Contrast by the help of fome intermediate Colour: the the Mass of Light may be plate'd either before or behind that of the Shadow 2 yet ought it to be so dispor'd, as to illumine the principal Parts

the Subject. For the ath. The Efforts of Shadows are different on the Piace is either wide and fracious; as in those coming imme-diately from the Sun, which are very fenfible, and their Exdistoly from the Sun, which are very ferfible, and their Ex-remes perty shup; from the ferene Air, which are firster and more fweet; from the dark Air, which appear more diffired, and ainoid impreceptible; and their from an arti-fecial Light, which makes the Shadow deep, and their Edges absent; or as it is more narrow and confired, where the Airpair coming from the fame Pance; makes the Shadow more firings, and the relies, left feefible. See Capuca 1800.

frong, and the renex lets remaine. See Colours law.

CLAIR Observe, Chiaro Seere, is also us'd for a Defign confitting only of two Colours; ordinarily black and white, fornetimes black and yellow. See Camisex.

fign confilling only of two Colours; ordinarily black and white, fometimes black and yellow. See Castieux. Or, it is a Design only wash'd with one Colour; the Sha-dows being of a dufky brown Colour, and the Lights height-

closs chight white.

The Word is also apply'd to Prints of two Colours, taken off at twice; whereof there are Volumes in the Cabinets of

of at reice; whereof there we volume in use the Garous in Plant Garous in Victoria and almost expensive the Date of an area of the which relief the mail Light; and comparabase no only the Plant Garous Control of the Colombia Control of the Colombia Colombi

Colours that are duly. See 'Catorna. CLAMEA admirinals in times per dirarmentum, is a With whereby the King communde the Julkie in Eyes to the Market of the Community of the Colours of the CLAMOR, or CLAMEUR & Hers, a popular Term in CLAMOR, or CLAMEUR & Hers, a popular Term in the French Lows, importing a Compilian, or Cry, whereby any one implores the Affiliance of Judice against the Op-man of the Colours of the Colours of the Colours of the "Market of the Colours". The Hers of the Colours of the "Market of the Colours of the Colours of the "Market of the Colours".

Ds Moulin calls it Quiritatio Normanucrum. The He-ro has the fame Force with the Interdict Resinenda policifionis. The Perfon on whom the Hars is cry'd, is oblig d to cease his Enterprise, and the Crier leads him before the Judge; where each gives Security, the one to purfue the

Hars, the other to defend it.

In the mean time, the Thing in diffuse is fequester'd into
the bands of a third Ferfon. Not can the Judge annul the
Cameur de Hers, without a Mulch.

This Cutions has prevailed in Normandy, fince the Conquest of Raout, or Now. Din Moulin Easy, the Word Hars
is formed of Hal Rau y the Cry whereby they invok'd that

CLAMP, in a Ship, a piece of Timber apply'd to a Mast, Yard, to strengthen it, and prevent the Wood from utiling. See Mast. burfting.

burling. See Mary.

CLAM's is life sittle piece of Wood, in form of a Wheel,
wild infixed of a Palley in a Mortice.

Wild life of a Palley in a Mortice.

Compts, in building and expairing of Skips. See Natus.

CLAMPING, in Joiney, 45c, when a piece of Board in
street with the Grein to the End of soncher piece of Board

could be Grain y the first Board in fair to be classify. It
for when the Grain y the first Board in fair to be classify.

Between the first marying.

Thus are come to the convergence of the convergence e furficient. See ANABAPTIST.

These were also call'd Harmlaries, and Gardners, from the Pieces they chose to assemble in, instead of Charches. CLANDESTINE, any thing done secretly, and without the Knowledge of some of the Parties interchied in it; or

the Knowledge of some of the Parties interelled in it 3 or without the payer Solemnities.

Thus, a Marriage is faid to be Claudefline, when perform'd without the Publication of Burns, the Consient of Parties, or the Knowledge of the Ordinary. See Markatex.

The Council of Tient, and the French Ordonnarces annual all claudefline Marriages.

The Word comes from the Preposition Clam, of white, The Word comes from the Preposition Clam, of Now, lands, I shut, or white, stream, thest. CLAP, in Medicine, the first Stage, or State of the Ve-sercal Diferse: call'd also a Geographia. See, Venneau

Difeste, and GONORREA.

Differ, and GONOMARKA.

Dr. Cackburg, and other after him, will have the Clap
to condit in an Ulceration of the Montas of the Glands of
the Urethre in Men, and of the Glandsid Lecume in Women a occasion of by the Infinantion of so actimentous, paramen; occasion'd by the Infinuation of an acrimonious, paru-lent Marter, contracted from an infected Person in Actua

From these Glands, iffues, or gleets a sharp, corrosive Matter, accompany'd with heat of Urine, Cordec, &c. which

trein mere Untant, inter, or gleena must, convenient man mere Untant, inter, or gleena must, convenient man makes whit is fairly with hear of (fire, Coules, Ge. while with the man of the min steeps of the Difference See Canasa, gle.

A GP spread for forestraint Some, and other times large and the most interest of the Days after the Difference in merital and man direct one for Days after the Difference in merital and the minimum of the GPs, as New or the Yallon, which had been seen to the Coule for the Coule of the Days and the Coule for the Coule of the Coul

Semi-seles; others infift, that the Symptoms may be ac-counted for from the Running, or Virus, being more corre-five; and by that means irritating and inflaming the adja-cent Parts.

cent Petts.

The Cure of a Cleb conflit in proper Evacuations, as Calcard-Vargatives, Reclifegress: Fundings, Proders, 187. Control Vargatives, Reclifegress: Fundings, Proders, 187. which forme add Decoclisms of the Lygues Pitts, 187. Acc. As to Extrasis, they are generally comprehended under the form of i conventions, Cataplians, Liminerus, and Lordon on the Cure of a Clafe by a particular Injection, without the use of any other Medicine.

This has given a Handle to Quacks, who, by affecting to do the time by their Injections, generally check the Run-ning, and make a confirm'd Pox.

uning, and make a confirmal flow. Secretary these are new Tarberbo-Miraca, Caloned, the right in fault Doke, and decided the fame thins, for an take effect by way of Alterborn, will be found the same than the confirmation of the Philiphical Theologists, do so not substantially assume that the confirmation of the Philiphical Theologists, attempts with the confirmation confirmation of the Philiphical Theologists, attempts with that our records called a large of the Philiphical Theologists, attempts with the confirmation confirmation of the Philiphical Theologists, attempts with the confirmation of the Philiphical Theologists, attempts with the confirmation of the Philiphical Theologists, attempts with the confirmation of the Philiphical Theologists and the confirmation of the Philiphical Theologists and the confirmation of the confirmation of the Philiphical Theologists and the P

and that the Appellation Brenning, &c. was only difcontima'd as that of Clas commenc'd.

In a MS. as old as Henry IV. Arden, Chirurgeon to that Prince, defines Brenning to be a certain inward Heat and Prime, defines Bremsing to be a certain inward Heat and Exceptions of the Urestray, which, Mr. Braker observes, gives us perfect tides of when how call a Gelfe. For irrequent Diffictions of fich when how call a Gelfe. For citig, have made it evident, that the Urestra suder that Dif-citle, have made it evident, that the Urestra control by the Virulancy of the Marter they receive from one Woman: Which Exceptation, or Ulceration, he adds, it not also the Marter than the Urestra of the Marter than the Urestra Clinds of the Marter than the Urestra of the Marter than the Urestra of the Marter than the Urestra of the Marter than the Marter Clinds of confin'd to the Officia, or Mouths of the mucous Glands of the Urestera, as has been lately imagin'd; but may equally attack any Part of the Urestera.

artack any Fart of the Uretira.

The heat, or burning which fuch Perfons feel in making water, is a Confequence of this Excertation of the Uretira; the Sits constained in the Urine picking and irritating the nervous Fibrilla of the Unine, thus diverted of its natural Machanic Co. P. Co. P.

combrane. See BURNING.
CLARENCIEUX, the fecond King at Arms; thus call'd
can the Duke of Clarence, to whom he first belong'd. See KING at Arms

KINO at Arms.

Lionet, third Son of Edenard III. having by his Wife the
Hosour of Clare in the County of Thomsoid, was hereupon
created Dake of Clarenary, which Dakedom afterwards
efficating to Edward IV. he made this Herald, who prohybridged to the Dake, a King at Arms; naming him
Clarenciasm in French, and Clarenciasm Latin, See Hr.

His Office is to marfhal, and difpose of the Funerals of all the lower Nobility, as Baronets, Knighes, Esquires, and Gentlemen on the South fide of Trent: whence he is also called Surveys, or South-Rey, in contradistinction to Norroy. Sec Norroy,

CLARET, or CLAIRET, Pale red, a Name the French give to fuch of their red Wines as are not of a deep, or high See WINE.

The Word is a Diminutive of clair, clear, bright, trans-

CEARLY CARTAIN, in the uniter Planusacy, was a bind of Wise impregnated with Aromatics of mentione 28. It is a simple of the wide in the control of the control of the control of the control of the wise in the control of the control

But what diffinguishes it most, is, that the Chords are cover'd with pieces of Cloth, which render the Sound the sweeter; and deaden it so, as that it can't be heard to any confiderable diffance

confidenable diffance.

Hence forme call it the dumb Spinett; whence it comes to be particularly in afe among the Nons, who learn to play, and are unwilling to diffarth the Silence of the Dormitory.

The Clericord is more antient than either the Spinett or Harpficord; as is oblerv'd by Scaliger, who only gives it

35 Chords.

CLARIFICATION, in Chymidry, the Act of clearing, or fining of Liquors from their groffer Parts. See REFINING.

Clarification is perform'd by Eballition, Defigumation, and Colsure or Filtration.

Colstant or Filtration. The Trum is chiefly apply'd to Juices, Decochioss and Syrups, which are clearly's a by Filtration, or by passing, orm thro a strainer, after having beat therm up into a Frosh with the Whites of Eggs; 1 the visious Parts of the Eggs transging the third gross Particles of the Liquor, tertain them in the Strainer.

See FLIVANTON.
Sometimes the Mixture is beil'd; by which means, the Eggs imangle the groufer Parts, and carry them up to the Top in a couply Soun; which is the three them of which a Part of the Company of the Company of the Part of the Part of the Part of the Company of the Part of See FILTRATION.

In diffill'd Waters, Sc. which have a milky hae, or are turbid, it is generally effected with fine Sugar, mix'd with a fmall quantity of Alium; which will bear down the olly Parts, and leave the rest clear. Sco Dava Arios. Many Liquors are clostify'd by passing them thro's thick brown Papers, among others, Hipporns, Hydromel, Ec. Soc

HYDROMEL, &c.

Fine and delicate Wines are ufually clarify'd with FifthGiac: The thicker Wines with Omelette, or whites of Eggs diluted in Water. Sometimes with pouring them thro

heap of little Chips. See Wises.

"Tis an Error to suppose that Fish-Glue, or Omelette, can be projudicial to the Health; fince both the one and the

feer fall down with the Lees, without producing any ill Effect. That which makes Wines anwholedom, it not the clarifying by the innecest means, but the Mixtures and So-phillications of the Vintures, to make be the high and bring them to like going size the here; which is done with Aque Tan Antensa Geriff's dutie. Wines by pouring them from of the Loce, in somether Burret, how a Tin Strainer. Suggest a clarify's with the Whites of Egg and Sagar hest CLARIGATIO, or CLARIGATION, in the Law of Nations, a loud, clear Call, or Summons made to an Enomy, to demand Statisticine from four piecewist quick whereof, records will be had to Keprilia.

Large 10 is the lamb with wast the Greek an awaysker Scale after the Word in a formewhat different manner.
Nameda after the Word in a formewhat different manner.
Reprifals, says he, figuify the farme as pignorationes Budee, and Clargetiones Hermodos: For, as to the Greek
Word Androtegifals, it is equivalent to as to the Greek

* word Mistrocyce, it is equivalent to the Land property of randi potestas.

CLARION, a kind of Trumpet, whose Tube is narrower, and its Tone acuter and shriller than the common Trumpet.

Sec TRUMPET. Nicos fays, the Clerion, as now us'd among the Moors, and Portuguese who borrow'd it from the Moors, few'd antiently for a Troble to feveral Trumpets, which founded Tenor and Bass. He adds, that it was only us'd among the Cavalry and the Marines.

Cavalry and the Marinet.

Menage derives the Word from the Italian Clorion, of the
Latin Clorus, by reache of the Cleames of its Scoud.

Crastos, in Heraldry, is a Bearing of
this Figure. He hears Ruby three Cloruses
Topas, being the Arms of the Earlef Bath,
by the Name of Gresswite.

by the Name of Greenvise.

Guillin tasket which Carious to be a kind of old-fashion'd Trumpet; but others methor their think, they represent the Radder of a Ship; others a Rolf for a Lance.

CLARO OBSCURO. See CLAIR-OSSURE.

CLARO OBSCURO. See CLAIR-OBSCURE.
CLASPERS, in Beausy, are Tendrels, Threads, or I_i,
gaments of a middle Nature between that of a Root and
Trunk is whereby Shruhs, and other Plints, take hold of Tree,
or other things near 'cm, for their Support, Efc.
The Wildom of the Greatur is very confpicuous, in this
Provision for fome Species of Plants, which need it; as lay,

Vines, Briony, &c.

The Contrivance is various in various Subjects. Malpighi observes, that the Classers of Ivy are roundish, and covered observes, that the Cassers of Ivy are roundith, and corred with Hair; and what is very remarkable, they yield a gia-tinous Teribinthine Hamer, by means whereof they adhere closely to Stones, Esc. Nature, he adds, uses no less Armére in the Vitir Canadecolis.

a compact outsistee, the out would not be undertainly ful-nish'd to the upper Sprouts without this Expedient. Classers also iometimes serve for Stabiliment, as those of Cucumbers; for Propagation, as those of Camomile; and for Shade, Stabiliment, and Propagation all rogether, as

those of Strawberries.

time of Strawberries.

CLASS, or CLASSIS, a diffribution of Perfons, or Thing, arranged them according to their Merit, Value, or Nature.

The Word comes from the Latth Claffit, of the Greek syskie, coarges, convers a Claff being nothing but a multi-rade, affembled apart.

rade, aftembled apart,
CLASS, ChASSIS, in Antiquity. See CLASSIC.
CLASS is particularly us'd for a Diffication among Scholars
are distributed into feveral Classic, or Forms, according to their Capacities and Attainments. Quintilian ufes the Word Claffis in this Senfe in the 1ft

Book of his Lastitationes.

CLASSIC, CLASSICAL, a Term feldom us'd but for Authors read in the Classes, at Schools, and who are in great

Authority there. See Senoot.

Against, and the Master of the Sentences are Classic Au-

animation used to the desired of the Sciences are Coffe As-brein in the School Pointing y, driftlesh is Politolophy (Gen-al Terzi in the Humanides, John Geither rakes mang from the Committee of the Science of the Com-line of the Committee of the Computer of the irid in the Time of the Kepolitic and the Angelier May take in rife heave, that an Elitance of every Ferban Elitace being apprinted by Science of every Ferban Elitace being apprinted by Science of every Ferban The Elitace of the of the first Coffic was not to be used to Founds And thick, by vary of Eminesce, were card to be call to Coffic as in the cell were first the large Coffic The first Coffic, again, was liabilitated into Construct, the Computer of the Coffic and the Computer of the Coffic, again, was liabilitated into Construct.

See Century.

Horfemen. Sec Cravrays.

Each Claff: considied, one half of the younger fore, who were to make War should a paid the first state of the claff of the

fomowhat like the Letter 83 and are threat left, as being the Keys, or Cares of the Thomas. Their times challenge in flowing to the characteristic for the threat characteristic in flowing; whereas they are birdle. They are pind to the Aremann of the Sarapha per Openharding; and not he Percepta, pr. Arteridans, to 35 mas on each field of the Upperpart of the Streams and the Annu, and to prevent from the Sarapha with the Aremann and the Annu, and to prevent no from thipping too feemed up-

CLAVIS, a Latin Word, fometimes us'd in English Wri-

CLAUSE, an Article, or particular Stipulation in a Contract; a Charge, or Condition in a Testament, &c.

We say, Derogatory Clause, Penal Clause, Cadeillary Clause, Resultary Clause, See each of these in its Place, Deep carrony, Penas, See. DEROGATORY, FRALL, C.C.

CLAUSUM Freque, an Action of Trefpais; thus call'd
by reason the Writ demands the Person summer d to answer

by reason the writh demands the Person lammond to answer to quare classifum fregis, why he committed fach a Trespass. See TREEFASS.

CLAVUS, in Antiquity, a Band or Fillet of Purple, more or lefs broad, according to the Dignity of the Person; m'd amone the antient Romans: whence the Difference of the

among the antient Romans: whence the Difference of the This Oroment, according to fone, was call'd Clevus, Nail; as being fet with little round Plates of Gold, or Silver, like the Heads of Nails. Counting maintains that

Nail; as being let with notice round ristes of Gona, or Silver, like the Heads of Nails. Contellus maintains, that the Cherus confided of a kind of Purole Flowers, fewed upon

the Souti.

GLAVES, in Medicine, a Name Physicians give to a flooting Pain in the Head, commonly sinuse a little above the Just, were not the Sum Proventity, and Eupord to return the Name. The Summary of the Painter of the Name. In forme 'tis only in one, and in others in both. This generally allow't to be a Species of an Ages, or an intermitting Fever; in Feriods of coming or going, being airstly regulate or stend. In some this Quoidlan, in others airstly regulate or stend. In some this Quoidlan, in others

See Ferra

Ton Cure confilts in giving an Emeric a little before the

Armon Docks and the grant of the property of t

sond to diffuser com in a little since.

CLAY, in Natural History, a first visiona Earth, found in visiona Haces, and sat for various Parcels, of Gereal Kinds and Peopries. See Earth, Sart, Ed. Br. Lifer, in the Philippician Traphillions, gives use of Paginal, five where the Common Paginal Annual Common Paginal Paginal

2. Bous. See Born.
3. Pale yellow Clay. 4. Couffeet Clay. 5. Dark blue Clay. or Marle.

Cley, or Marie.

Sevenation impure; whereof eight are harfit and duly Sevenation impure; whereof eight are harfit and duly Sevenation impure; but grides Cley.

1. How distribute Cley.

1. How distribute Cley.

1. See Cley Sevenation of the Cley.

1. See Cley Sevenation of the Cley.

1. See Cley See Cley.

1. A what there of Cley See Cley.

1. A what there of Cley See Cley.

1. A cley.

fame Kind.

Lattly, three are mix'd with flat or thin Sand, glittering with Mina: via. 1. Counts white Cley. 2. Grey or blaiff Theteo pipe Cley. 3. A ved Cley. CLAYES, in Fortification, are Wattles made with Stakes, interwove with Oxicity, Ed. to cover Lodgments. See Fas-interwove with Oxicity, Ed. to cover Lodgments.

CLATING of Lond. See MANUAL.

CLATING of Lond. See MANUAL.

CLEARIN, in Bailding, is forestimes used among the Wedmanual of the Company of the Company of the Company of the Clearing of the Clatering of the Clatering of the Clatering of the Company of the Comp

Mars, Lugon, Bitas, @C.

LUKCHE, or CLECHFE, is Heritally, is subjugged to the form of the first production of an Octavity, is subjugged to the first production of an Octavity, is subjugged to the first production of the f

ters, will have this piercing to be only a Circumitance of

the Graff Cleobi, and call it by the Name Visid voided. the Crys Circles, and call it by the Name Vaid', vocated. The thing that denominates it Cleebs, is its spreading from the Centre towards the Extremities, which are very wide, and end in an Angle in the middle; as in the Figure ad-

joining.

The Word is French, supposed to be formed of Clef, Key;
the Ends of the Cross being thought to bear some refem-blance to the Bowls of the antient Keys.

CLEDONISM, CLEDONISMUS, a kind of Divination in nic among the Antients. See Discination

in the among the Anticats. See Divinistrion.

The Word is formed from the Greek and Soy, which figures we things, Ramon, a Report, and Anis, a Bird: In the first Sand, Cidenting is a kind of Divinition drawn from Words occasionally atter?. Cierro observes, that the Tytologorana mode Observation on only of the Words of the Gods, but of those of Mona; and accordingly believed the presentating of certain Words, og., the Word Intendams, at Processing of Certain Words, og., the Word Intendams,

pronouncing of certain Words, c. g. the Word Managery and Mall, very ambappy.

Thus, initial of Prifers, they used the Word Dewicitium; and to avoid Eximite, field Enterender.

In the feecoad Scale, Clearing though from a Divination of the Company of the Compan

drawn from Birds; the fame with Orniti

NATIONALNCE.

CLEF, CLIFF, or Key, in Mufick, a Mark at the Beginning of the Linux of a Song, which shows the Tone, or Key in which the Fiece is to begin. Or, it is a Lotter mark'd on any Line, which explains and gives the Name to all the reft. See Key

Antiently, every Line had a Letter mark'd for a Clef; now a Letter on one Line fuffices: fince by this all the reft are known; reckoning up or down in the Order of the

are known; reckning up or down in the Oness Letters. Click Coff, or Key, bearfs barroy we know The Common of all the winer their and Speen; and confequently the Quantity the Quantity the Quantity the Quantity the Quantity the Quantity of every Pope, or interval. But because every None in the Odave is called a Krytthe in another Society, this Letter multiple, itself let a front the Garden of the Common of

the reft.

By CLER, therefore, for diffinition-fake, we mean that
Letter figure on a Line, which explains the reft; and by Key
the principal Nove of a Song, in which the Melody color.

There are three of these Sign'd Cast, a, f, g. The Cast
of the highest Farr in a Song, call'd Yrish, or file, is g' te
on the Second Line comming sparrals. The Clef of the Brig.

of the highest Farri in Song, a citied Tricks, or Mit, it gives on the Geore Line counting symmet. The Colf of the Bibl, or the lowest Farr, is f on the fourth Line spurries: For all the other mean Earst, the Colf is, is, fourther to the context of the context

the the repredent. See their Figure among the other Cita-Racruss of Mulick.

The Cliff are always taken Fifths to one another: That is, the Cliff is lowelt, c a Fifth above it, and g a Fifth

above c. When the Parce of the Claf' is chang'd, which is not frequent in the most Claf', this with Delign ro make the Syltem connected and summy Notice of the Solar gas possible, and for the connected as a many Notice of the Solar gas possible, and the best many Notice of the Solar gas possible, and the best many Notice the Claf', and few below it, this Parcel is suffered by placing the Claff in the first of record Line: If there he many Notice below the Claf', in a placed larger in the Syltem. In cliffit, according to the Relation of the other Notes to the Claff Note, the particular Syltem in the Syltem Syltem is the Syltem Syltem in the Syltem's Notes and the Syltem's Notes Seakle.

is taken differently in the Scale 3, the Clef Line making one on all the Variety. See Seals.

But fill, in whatever Line of the particular Syftem any Off is found, it must be understood to belong to the fame of the general Syftem, and to be the fame individual Note or

Sound in the Scale

the gloral system, and to be the lane, included a Neet or By this constant Relation $O(E_{\rm ff})$, we learn how to compare the formal particular Systems of the fevenal harms; and are Unifor, and which not left the next Unifor, and which not left the next Unifor, and which not left the next to the frapard that extra the certain Bounds, within which another multi-new come. Some Rouse of the Technic, $p_{\rm ff}$, $p_{\rm ff}$ and the constant that the constant is also a Completion within (aparely), the Norso of each Fart and because within (aparely), the Norso is each Fart multi-new within (aparely), the Norso is each Fart multi-new within (aparely), the Norso is that are confinent, (or heard copyrite) multi-new theorem of the Norso that are confinent, (or heard copyrite) multi-new theorem of the Norso that are confinent, (or heard copyrite) multi-new theorem of the confinence of the confinence of the new threshold with fact Differences as full inter considered part of the English control of the Spirite Systems (as the Spirite Systems) and the confinence of the c PPP

the Earn shapes and past have one toucher; and which, in every None is highly lowed, or unifor. The Use of particular Signid Coffs then, is an improve-ned to the control of the completion, for un-led fines one Key in the particular being one Place in the Completion of the Completion of the Completion, for the State, the Control of the Completion of the Com-letion of the Completion could not be distinctly marked. It must here be observed, that for the Performance of any fines and Spaces 1 is that the Completion of the Place of Singletin and Completion of the Com rart of any greater System it 2s, but the first Note may be taken as high or as low as we please. For the proper Use of the Stale is not to limit the absolute Degree of Tone, so the proper Use of the Sign's Clef, is not to limit the Firsh at which the first Note of any Part is to be taken; but to determine the Tune of the rest with relation to the first. determine the Tune of the rell with relation to the first And confidering all the Parts tegother, to determine the Relations of their leveral Notes by the Relations of their leveral Notes by the Relations of their Copin in the Soels - Thus, the pitch of Tune being determined in a certain Note of one Part; the other Notes of that Part are determined by the constant Relations of the Letters of the Scale, and the Notes of the other Parts by the Relations of their Copin.

the Parts change and pals thro' one another; and which

titus of Tukei Cuff...

In chifd, for performing any fingle Part, the Cuff Note
may be taken in any OEAA-c, i. et any Note of the lime
Extension of the Cuff, i. et any Note of the lime
Extension of the Notes of a Song... But in a Concert of
fereral Part, all the Cuff mull be taken, and only in the
Realisms, her find in the Places of the Solem abstraction.

The difference of Cuff in particular Syllems, makes the
Practice of Multic much mare difficult and perpoke if then
it would substrate be; both with reflect to influences, and
on the Video. They are a Multic to one Cuff, wherever the
Cuff, wherever the Cuff, wherever the cuff, wherever the cuff.

it would otherwise be; BOUR WILL BEAUTY AND THE OFFICE AND THE OCCUPY AND THE OCC

Letter, as c and c ; are both fet on the fame Line or Space. When there is no Character of Flat or Sharp at the beginning with the Cleft, all the Notes are Natural; and if in any particular Place the Artificial Note be required, 'tis figurity' by the Sign of a Flat or Sharp fet on the Line a Space before that Note. When there is no Character of Flat or Sharp at the

If a Sharp or Flat be for at the beginning in any Line or If a Sharp or Flat be for at the beginning in any Line or Space with the Clef, all the Norson that Line or Space are Artificial ones; i.e. are to be taken a Semitone higher or lower than they would be without fach Sign. The fame articles all their Odares above and below, the they ber't mark'd fo, in the Course of the Song, if the Natural Note

be fometimes requir'd, 'tis fignify'd by

The marking of the System that by Flars and Sharps, Mr. Matesian calls the Speature of the Coffs. See Nors., Towns, C. C. EMENTINE, a Term in the among the Angolius, who apply it to a Person, who after having been nine Years Species, cedies to be 6, and becomes a private Mank, under the Commund of a Superior.

The Words has it no file hence, they Pope Glement, by a Bull, The Words has it no file hence, they are

prohibited any Superior among the Augustius from continuing above nine Years in his Office.

CLEMENTINES, in the Canon Law, are the Conflictions of Pope Clement V. and the Canons of the Council of Views. See Canon.

CLEPSTORA, a kind of Water-Clock, or Hour-Giafi, ferring to measure Time by the Fall of a certain quantity of

fering to meature Time by the Fall of a certain quantity of Water. Soc Choen, Ed.

There have likewise been Clespydras made with Mercary.
The Egystians by this Machine measured the Coorle of the San. Tycho Brake, in our Days, made use of it to measure the Motion of the Sars, Eds. and Dudley and the fame Contributes in making all his Maritime Observations.

The Use of Clefffors is very antient: They were invented in Egyfs under the Prolomys; as were also San-Dials. Their Use was chieffy in the Winter; San-Dials feer'd in the Sammer. They had two great Defects; the one, that the Water run out with a greater or lefs facility, as the Air was more or lefs donfe: The other, that the Water run out more readily at the Beginning, than towards the Conclution.

Conclusion.

M. Amoutous has invented a Cleffidra free from both these Inconveniencies, and which has the three grand Advantages, of seving the ordinary Purpose of Clocks, of seving in Navigation for the Discovery of the Longitude; and of

in Navigation for the Diktovery of the Longitude; and of measing the Motion of the Arteries.

The Word comes from ***steffee, comde, and ***steffee, comes from ***steffee, comde, and **steffee, comes from ***steffee, comde, and **steffee, commendation of a Canavana A.

Froblem. To divide any equivative Veffei into Parti, to be

empty'd in each Division of Time; the Time wherein the

Suppose, v. g. a cylindric Vessel, whose Charge of Water flows out in twelve Hours, were required to be divided isso Parts to be evacuated each Hour. 1. As the part of Time r

Rose acts in wedve Jeons, were required as of divided just Parts the civil Time 11, 61 to the Internet 12 to 3 (20 Hz). Then the civil Time 11, 61 to the Internet 12 to 3 (20 Hz). Propertiest), 44 ± 3. Divide the Altiroide of the Verill 1 up. 144 (20 Hz) Print 1 (10 Hz). The Print 1 (10 Hz) Print 1 (10 Hz). Propertiest), 45 ± 1. Divide the Altiroide, 1 then Neuroland Time 1 (10 Hz). The Internet 1 (10 Hz) Print 1 (10 Hz). Propertiest 1 (10 Hz). The Internet 1 (10 Hz) Print 1 (10 Hz). Numbers 1 3 4.5 (1.5 and the Altiroide), 1 then Neuroland Internet 1 (10 Hz). The Internet 1 (10 Hz) Print 1 (10 Hz). Numbers 1 3 4.5 (1.5 and the Altiroide), 1 then Neuroland Numbers 1 3 4.5 (1.5 and the Altiroide), 1 then Neuroland Numbers 1 3 4.5 (1.5 and the Altiroide), 1 (10 Hz). Numbers 1 3 4.5 (1.5 and the Altiroide), 1 (10 Hz). Numbers 1 3 7 6 (1.5 Altiroide), 1 (10 Hz). The Internet 1 (10 Hz) Print 1 (10 Hz). The Internet 1 (10 Hz) Print 1 (10 Hz). The Internet 1 (10 Hz) Print 1 (10 Hz).

vided, to be diffithated according to the Series of the unequal Numbers, thro' the equal Intervals of Hours. Since, in lieu of Parts of the fame Veffel, other left Vef-fels equal thereto may be fabilitated; the Altitude of a Veffel emptied in a given Space of Time being given, the Altitude of another Veffel to be emptied in a given Time may be found; vie. by making the Altitudes as the Squares of the Times.

Hence we see the Method of constructing the Clepsydras us'd by the Antients.

US of the naments.

CLERGY, Clerus, the Affembly or Body of Clerks, or Ecclefiasticks. See Cleras.

In the Remiss Curch there are two Kinds of Clergy; the

one Regular, comprehending all the Religious of both Sexes: the other Scrafar, comprehending all the Ecclefiaflicks that don't make the Monaflic Vows. See REGULAR, Co. Among the Refermed, there are none but Secular Clergy. Can Hoor ver server

The Roissan Clergy forms a Monarchical State, under the Pope, who is the Head thereof. See Fore, Hierarchy. Go. The Clergy was antiently divided into three Orders, on The Chergy was antienty divided and three Orders, the Priefts, Deacons, and inferior Clerks; and each Order had its Chief: the Arch Prieft was the Head of the first Order, the Archdescon of the second, and the Dean of the third. See

PRIEST, DEACON, ARCHDRACON, DEAN, ARCH-PRIEST, Sc. Under the Name of Clezzy, were also formerly comprised all the Officers of Justice; as being supposed to be Men of Letters. See CLERK.

Letters. See CERF.
Thou the Carpy ground planty an Exemption form at Security principles, Power setting, Nylliens the Security principles, Power setting, Nylliens the Security principles, and the Biffings and Abbeys who held for Barraisses, and show till then had been excurpt from a colar Service; and order'd they fhould be no long the colar Service; and order'd they fhould be no long free from Marraisses, and order'd they flowed by the part of the security of the colar services and order or the colar services are colar services and order or the colar services and order or the colar services are colar services and order or the colar services are colar services and order or the colar services and order or the colar services are colar services and order or the colar services are colar services and order or the colar services are colar services and order or the colar services are color services and order or the color services are color services and order or the color services are color services and order or the color services are color services and order or the color services are color services and order or the color services are color services are color services and color services are color services are color services and color services are color services and color services are color services are color services and color services are color services are color services and color services are color services are color services and color services are color services are color services are color services are color ser Treasury.

Treating.
Blue, in effect, the Chrys were not exempt from all See-Bear in effect, the Chrys were not exempt from all See-Bear in the Christops.

A price was the the Secular Magditare in their Things, viayour an Expedience on the Wars, and in coordinating to the
Britishia and Regarding Profess Construction of the
Britishia and Regarding Profess Construction of the
Britishia and Regarding Profess Construction of the
Britishia and Regarding Construction of the Secular Secula

Hand; and he first have the Benefit of the Clergy is infinent, which to Layman can have but once.

The Clergy are not us be burden'd in the general Charge with the Latty; nor to be troubled or incumber'd, unleis expensity named and charg'd by the Statute; for general Words don't article them. That, if a Hundred be fined for a Robbery, the Minister final nor countrieurs; the the Woods are, Gentes demonstes: neither are they affeled to the High-way, to the Watch, &c.

The Revenues of the CLEROY were antiently more confi-

erable then at prefent: Ethetwoldbur, in 855, gave them the Tithe of all Goods, and the Tento of all the Lands in England; free from all Secular Services, Taxes, &c. See

The Charter whereby this was given them, was confirm'd by feveral of his Soccessors, Edmund, Edgar, Erbeired, Affred, and William the Conqueror; which istly finding the Bishopicks for ich, cretched them all into Baronics; each Barony containing 13 Knights Fees, at least. But since the Reformationing 13 Knights Fees, at least.

tien the Bifhopricks are much impair'd. See Basses

tion the Bifthopticis are much impair'd. See Branceraer, Dioceas, Se.

The Revenues of the inferior Clergy, in the general, are finall; a third Pare of the bell Benefices being antiently, by the Pope's Crant, appropriated to Monatferies; upon the Difficultien whereof they became Lay-Fecs. See Amer.

es, &c.
Indeed, an Addition was made 2° Anne; the whole Reverse of First Fruits and Tenths being then granted, to raise a, Fund for the Augmentation of the Maintenance of the Poor Clergy; pursuant to which, a Corporation was formed, by the Name of the Governous of the Bounty of Sunera Anne, for the Augmentations of the Maintenance of the Poor Clergy; to whom the fail Revenues were conveyed in Truit. See Augmented and 2

E. See Aromanyarion.
CLEROV is allo used for an antient Liberry of the Church, confirmed by feweral Acts of Prefigures constitution of the Aroman and Aroman

ral Statutes made in aftertimes have abride'd and reifeste'd

this Privilege.

this Privilege.
The anticure Courfe of the Law is now much alter'd on this Flead, for by the San. 18 Ellis, cap. 7. Clerks are no this Flead, for by the San. 18 Ellis, cap. 7. Clerks are no this Flead, for by the Courfey of the Cou the it

CLERICO Admittendo, in Law, a Writ directed to the Bilhop, for the admitting a Clerk to a Benefice upon a Ne admittat, rry'd, and found for the Party who procures the

CLYATEO capto per Statutum Mercatorum, is a Writ for the Delivery of a Clerk out of Prifon, who is imprifon'd up-

on the Breach of Statute Merchant

on the Breach of Sensus Merchan.
CERRAC extragated counself Gaste in defeits Ordinari deliberate, is a Weit for the Delivery of a Derik to bis Ordinary, that was formerly convoled of Federa; by reason distancy, the was formerly convoled of Federa; by reason to the Private County of the

charging them to release him.

charging them to release tim.

CLERK, Clerient, an antient Word, formerly us'd to fignify a learned Man, or Men of Letters.

Thus, Pagaier observes, the Officers of the Counts, Contes, were antiently created under the Title of Clerks of mine, were attentity created under the Title of Clerks of Accompts; and Secretaries of State were call'd Clerks of the Secret. So, Clericus Domini Regis, in the Time of Ed-mard I. was english'd, the King's Secretary, or Clerk of his

Council. This Term, Clerk, was apply'd indifferently to all who ms

This Term, Gerk, was apply it indifferently to all who made any Profition of Learning, or who knew how to meanage the Fon: tho, originally it was appropriated to Exclefatilicia. As the Nobidity and Gentry were faulty bought up to the Exercisic of Arms; there was none but the Clergy left to cultivate the Sciences: Hence, as it was the Chergy alone who made any Profition of Letters, a very learned Man came to be called a great Cerk; and a frapid goosent Man,

Ranford, in his old Language, uses the Word femininely, Clerrelle for a learned Woman

Mais trop plus oft à craindre une femme Clergeffe,

The Word Clerk, and its Derivatives, come from the Greek 2000, un'd for Clergy, but more peoperly fignifying Lot, or Heritags; in regard the Lot, and Portion of Clerks or Ecclefiaticks is to ferry God.

Accordingly, Clerus was at first us'd to fignify these who had a particular Attachment to the Service of God.

The Origin of the Expredition is derived from the Old Tellament, where the Tribe of Levi is call'd the Lat, He-ritor, 139.9 ; and God is reciprocally call'd their Portion: by reason that Tribe was conferenced to the Service of God, by realon that I fine was conference to the Service of God, and liv'd on the Officings made to God, without any other fettled Provision as the reft had. See Clerev.

Gather is allowed in the general for all these of the Eccle-state of the Comment of the Comment

BBBOO, Se.
Yet, in its utmoft Latitude, the Word also includes Chanters, Acoptol, Exercifie, and Oftierii. See Chanters, Acoltrin, Exercifie, and Oftierii. See Chanters, Acoltrin, Exercifie, the Choose excommunicate all those who lay hands on a Clerk. See Orders, Ecclesiastic, Priest, Exercified.

A Council held in Africs, prohibited the appointing any Clerk to be a Tator, Guardian, or Carator, by Teitament. The Council of Edvise enjoins Continence on all Clerks, Effineys, Pricely, and Descens, on Pain of being firippy of of their Clerkosters. See California.

ricature. See CELERATE.

Actiphasis Cherk, in the VIth Contury, was a Name given to those Cherks who separated from the Bishop, and choic not so live any longer in Community with him; in contradiffinction to Campa-Cranks, who continued to live with the

Settle the east senger in Learnmenty were than a to Chara-leffing, seconing in the Cience. See Caroni.

Gents, is also a Thice given to ferread Officers in the Editor, seconing in the Cience. See Caroni.

Gents, is also a Thice given to ferread Officers in the Cience of the Cience of Cience of Cience. Amy, Navy, Cience, of the Citi, is an Officer of the Navy, who se-consistence of the Cience of the Cience of Cience.

Gents of the Cience of Communication of the Cience of Communication of the Navy, See Navy, Assentant, 45c.

Gents of the Cience of Cience of Cience of the Cience of th

men of the Guard, and all other ordury Yoome, as Uffairs, becausing eighter to the King, Queen, or Pinness prings keve, or alsowing their Africace, or Dick's in Attendance, and the Control of the Control of the Control of the COLERS, of the Covers, and Giness and other Offstendance, seemed Trayson, Floors, and other Coffstendance, seemed Trayson, Floors, See Chown, Gallmann seemed Trayson, Floors, and other Offstendance, Court, who Buffair is to road, frame, and record all In-Cidences, seemed Trayson, Floors, See Chown, Gallmann seemed to the Company of the Company of the Gallmann seemed to the Company of the Gallmann seemed to the Company of the Company of the Gallmann of the Company o en of the Guard, and all other ordinary Yeomen, or Ufhers

right Hand marine arrace current, we never an array composition coming Spiritual Marines, to wait on the King in his private coming Spiritual Marines, to wait on the King in his private Caracter, and Chica, who by handled, we Departy, it cantineally to entire the one of the color color, or Louis Kenger, for facility Marters of Stee, by Committing, or the third which membrated from his Maight, or Louis Caracter, and the color of the Caracter o

CLERK of the Deisteries, is an Officer in the Tower, who CLERE of the Lorenteeries, is an Omece in the Lower, who takes Indentures for all Stores is under thence. See Towars.

CLERE of the Eurolineous of Fines and Recoveries, is an Officer in the Court of Common Pleas, under the three Eli-

Other in the Court of Common Piezs, under the three El-der Judges of that Court, and removable at their Piezfure. See Engoliment.

CLERE of the Errors, in the Court of Common Pleas, transcribes and certifies into the King's-Bench the Tenor of transcribes and certifies into the King's Enach the Tenor of the Records of the Caufe, or Action, upon which the Writ of Error is brought there to be determined. See Enaons. CEXAS of the Errors, in the King's Bench, does likewife transcribe, and exertify the Records of such Caufe in that Court into the Exchequer; if the Caufe, or Action, is by

Court into the Exchequer; if the Caule, or Action, is by Bill. See Kine's Beach.

CLERR of the Errors, in the Exchequer, transcribes the Records certify'd chither out of the King's Beach; and prepares them for Judgment in the Court of Exchequer, to be given by the Juffice of the Common Pleus, and Barons.

there. See Exchaquen.

there. See Excusugus, is an Officer belonging to the Court of Commen Pleas; who keeps the Effoign-Roll, or eners Effoigns. He also provides Parchment, cuts it into Rolls, makes the Number on them; delivers out all the Rolls to every Officer, and receives them again when writ-

Rolls to every Unicor, and receives taken again when a ten. See Essorieth beforests, belongs to the Exchequer; and CLEAR of the Effrects, belongs to the Exchequer; and cerey Term receives the Effrects out of the Lord Treatin-er's Remembrancer's Office, and writer them out to be levyld for the King. He also maketh Schedules of fuch Sums cilireated as are to be difcharged. See Extract.

Sums circuited as are to be discharged. See ESTREAT.

CLIRA of the Humber, or Humber; or Warden of the

Humber; is an Officer in Chancery, whose Buffings is to

receive all Money due to the King for the Seals of Charters,

Parents, Commissions, and Write: as also Fees due to the

Colleges for encolling and examining the first the tighthed Officers for enrolling and examining the same He is oblig'd

Omcess for chealings and examining the fame. He is oblight on attend on the Lord Chanceller, or Lord Keeper daily in Term time; and at all Times of Scaling. See HAMPEN. CLEAR of the Taries, or CHAMPEN CHEAR OF THE THE OF THE SEE AND T

JUNY.

CLERY Compression of the King'; House, an Officer of the
Court, who has Place and Sent in the Comptting-House,
with Authority to allow or diffillow the Charges and Demands
of Fariairants, and Medicagens of the green Cloth, Parvey-

ors, &c. He has also the overlight of all Defaults and Mif. of Subfidies; Writs for nomination of Collectors for the carriages of inferior Officers; and fits in the Comptung. Fifteenths; and all Traverses upon any Orbite, Elli, or other. Honds with the fluprier Officers, etc., the Lord Steward, wite, and to receive the Money due to the King for the ller, and Cofferer, for the correcting and Treafurer, Comptro redresting things our of order. See Houshorn, and Compy-

CLERE of the King's great Wardrobe, is an Officer of the King's Houle, that keepeth an Accompt, or Inventory in Writing, of all things belonging to the King's Wardrobe.

Sec WARDRODE

See Washagus, King Sharr, in an Otters belonging to Citing of Fas. in whom every line in sought, site to the see that the contract of the contract in the term with the Coptes Breezims and by whom the Ended of the Wise of Consumi central in an Paper Book and seed to contact in the Rolls of the Court. See Starts-Office. CHEAR of the Whole Paper I have been contracted in the Rolls of the Court. See Starts-Office. CHEAR of the Whole Paper I have been contacted in the Court. See Starts-Office. CHEAR of the Whole Paper I have been contacted in the Court of the King's Book which Day is on the charge of the King's Medium; and to Medium that configure be with durch the Land. See Startsams, CLEAR. Antifold of the King's Book; forms to be in Of-ton the Configuration.

his Proceedings.

Clerk of a Merchant Ship, is an Officer appointed to take care that socking be fquander'd, or fpent needlefly. See

He is obliged to keep a Regisler, or Journal, continging an earli inventory of every thing in the Londing of the Vet(et 3 in the Rigging, Apprent, Amer.), Proofines, Bushnell,
et 3 in the Rigging, Apprent, Amer. Journal, or to be any a the Freight agreed on a Little of the Green the Regisler, and the Control of the Capacity, Piots, U.S.

He find does the Office of a Regisler in all criminal TreHe find does the Office of a Regisler in all criminal TreHe find does the Office of a Regisler in all criminal TreHe find does the Office of a Regisler in all criminal TreHe find does the Amer. The Regisler is all criminal TreHe find does the Amer. The Regisler, and the Regisler, the Control of the Regisler, the Regisler, and the Regisler, the Regis

In thail Velters, the paster, or 1100, does me office of Cerk. See Mayran.

Crear of the Nichils, or Nibils, is an Officer in the Exchequer, that maketh a Roll of all fach Sems as are abilide by the Sheriffs upon their Effrents of green War, and deivers the fame into the Lord Tresfacer's Remembrancer's vers the fame into the Lord Tresfacer's Remembrancer's Office, to have Execution done upon them for the King. See

CLERK of the Ordnance, is an Officer in the Tower; who gitters all Orders relating to the King's Ordnance. See

ORDNANCE. CLERK of the Outlowries, is an Officer belonging to the Court of Common Pleas; being a Deputy to the King's Attorney-General, for making out the Writs of Capius utle-

gatum, after Outlawry, and the King's Attorney's Name is to every one of those Writs. See Outlawry.

Clerk of the Paper Office, is an Officer of the King's

Bench See PAPER-Office. CERRS of the Parcels, an Officer of the Exchequer. See

CLERK of the Parliament, is he that recordeth all Things done in the Parliament; and engroffeth them fairly into Parchment Rolls, for their better keeping to Posterity. See PARESAMENT.

Of these there are two, one of the higher, or House of Lords; and the other of the lower, or House of Commons. CLERR of the Patents, or Letters Patent under the Great

Seal. See Patent.
CLERK of the Peace, is an Officer belonging to the Seffion of the Peace; whose Duty is at the Seffion to read the Indichments, to enroll the Acts, and draw the Process; to enroll Proclamations of Rates for Servants Wages; to enroll could Preclamation of Ratio for Servane Wages, a result the Difference of Ampronect on the Difference of Ampronect of the Difference of Ambors (etc.). All to courily in the Kingfand Consilients, the John John State of the Preceding the Time Institute by Samue See Flaces.

And Consilients, the John State of the Preceding the Crum Institute by Samue See Flaces.

See Flaces. The Section of the Preceding Consilient of the Consilient of the Time of the Preceding Consilient of the Consilient of the

Chief. See CHANCERY. Their Office is to record the Return of all Inquifitions out Their Office is to record the extent of all inquintions out of every County, all Liveries granted in the Court of Wards, all Offer les masses: to make all Patents of Coffomers, Guagers, Comprellers, and Aulangers; Summon's of the Nobility, Clergy, and Burgefiles to the Parlament; Committion directed to Knights and others, of every Shire, for railing on directed to Knights and others, of every Shire, for railing

white; and to receive the anony use to the Except to the fame. See Perry-Bog.

CLERK of the Pipe, belongs to the Exchequer; who having all Accompts and Debts due to the King delivered having all Accompts and Debts due to the King delivered and dearn out of the Remembrancer's Office, chargesh them down into the great Roll: He allo writes Summon's to the Sheriff, to levy the faid Debts upon the Goods and Chattels of the fald Debtors; and if there be no Goods, he draw them down to the Lord Treasurer's Remembrancer, to write

Effreats against their Lands. See Page. CLERK of the Pleas, is an Officer in the Exchequer, in whose Office the Officers of the Court, upon special Privileges belonging to them, ought to sue, and be sued upon age

Action. See PLEA.

CLERKS of the Privy-Seal. There are four of these Offi-cers, who attend the Lord Keeper of the Privy-Seal, or, if cert, who aread the Lord Kexper of the Prity-Stall, and if there he note finish, the principal Secretary and write en make out all Taling Early warms from the Signer to the make out all Taling Early warms from the Signer to the make out the Stall stall and the Stall Stall Stall Affiling a fee Lord of Mency of Inchibits. See Para Stall Milling as fee Lord of Mency of Inchibits. See Para Stall and Inchibits of the Stall Stall Stall Stall Stall Stall do by virus of rheir Committion. See Savera. We are inchibited to the Stall Stall Stall Stall Stall Stall Stall Trity-Signer, as well for facility the Kindy private Lerter, Of their Chem Control of the Stall Stall Stall Stall Stall Of their Chem Control Stall Stall Stall Stall Stall Stall Stall Stall Stall Of the Chem Control Stall Stall

Of these there are four, who attend in their Turn, and have

Of these there are four, who attend in their Turn, and have their Diet at the Secretary's Table. See Stonky.

CLERK of the Superficient, is an Officer of the Court of Common Pleas, who makes out Wits of Superficient (upon the Deschaffs appearing to the Exigent) whereby the Sheriff is forbid to return the Exigent. See Supersolders,

Sheriff is forbid no ricum the ENIGENT. ŠOC SUPERADEAL CLERAS of \$in Triedfary. SOC BRANKEN, CLERAS of \$in Triedfary. SOC BRANKEN, CHARLES OF LAWRENCE AND THE STATE OF THE ST

cations of Records, being in the Treasury.

CLERK of the Warrants, is an Officer likewise belonging to the Court of Common Pleas, who enters all Warrants of

Attorney for Plaintiff and Defendant: and enrolls all Deeds of Indentures of Bargain and Sale, which are acknowledged in the Coart, or before any Judges out of the Coart, See CLEROMANCY, a kind of Divination perform'd by the throwing of Dice, or little Bones; and observing the

the throwing of Dice, or little Bones; and obleving the Points, or Mark rum'd up. See DivinsAripon.

At Bure, a City of Actorie, was a Temple, and a celebraceOracle Heronic; where fach as confined the Oreic, after prayings or he Idol, threw four Dies, the Points whereof being well feam'd by the Prieft, he was impost of to draw in Answer from them. See Os acres, and Sonyis. The Word comes from the Greek saire. Lot, and parrele,

CLIENT, Cliess, among the Romans, was a Citizen who put himfelf under the Protection of fome great Man, was in that Relation was call'd his Pasron, Pasronss. See Pa-TRON

TRON.
The Patron sfiffled his Client with his Protection, Intreft and Etlate; and the Client gave his Vote for his Patron, when he fought any Office for himfelf, or his Friends. Counts ow'd respect to their Patrons, as these reciprocally on'd them their Protection.

This Right of Parronage was appointed by Remulas, to unite the Rich and Poor together, in fuch manner, as that one might live without Contempt, and the other without Envy. But the Condition of a Client, in course of Times, became living also have been presented in the course of the course of the course of the course in the course of the

Envy. But the Condition of a Client, in courte of There, became little clie but a moderate kind of Slavery.

By degrees, the Cufforn extended it felf-beyond Resset and not only Families, but Cliet, and enture Provinces, even out of Lasy, follow'd the Example. Thus, Sicily, e.g. put. is felf under the Clientela, or Proceding of Mercelius.

Leasurs and Budent, refer the Origin of First and Tenury.

Lawre and Medicas, celler the Chigin of Helix and Tourse to the Patrons and Courter of actions. Name: But the Different to the Chicago and the Vote they goe them, were obliged as still shown in the Chicago and the Vote they goe them, were obliged as still shown in all diffusing and deep non-patron and the Vote they goe them, were obliged as still shown in all diffusing and deep non-patron and the Vote they goe them, were obliged as still shown in all diffusing and deep non-patron and the Vote they goe them, were obliged as still shown in all the Chicago and the Vote they goe them, were obliged as still shown in all the Chicago and the Vote they goe them, were obliged as still shown in the Chicago and the Chic

CLI CLI (237)

CLIMACTERIC, Annus Climactericus, a critical Year. GLIMAGTERIO, Zimus Gimactericus, a critical Year, wherein, according to the Aftrologers, there is some very soutable Alteration in the Body to arife 2 and a Person flands

eocable Alteration in the Body to arife 3 and a Person stands in great danger of Death. See Caryrach.

The first Clamasteric is the seventh Year of a Man's Liste 3 the rest are Multiples of the first, as 21, 49, 56, 63, and 81, which two last are called the Grand Clamasterics, and the

which two last are called the Grand Connecteres, and the Dangers here suppos'd more imminent. The Opinion has a great deal of Astiquity on its fide. Aulus Gelius fays, it was borrow'd from the Chaldens; who night probably receive it from Butherers what Is u.c.

Admit Gellint lays, it was berowd from the Cleakann; who price of the Control of

Sucroins fays, Augustus congratulated his Nephew upon his having paled his first grand Chimatteric, whereof he was very apprehentive.

your apprenentive.

Some pretend, that the Climalieric Years are also faral to political Bodies political Bodies.

Authors on the Subject, are Place, Cicero, Macrobius., Aulus Gellius, among the Antients; Argel, Maginus., and Selmalius among the Moderns. S. Augulliu, S. Ambrele, Bede.

Regists countenance the Oninion The Word Climatteric comes from the Greek values, val

The Word Climatizeric comes from the Grack **Aipu5, \$25puxxy, Scale y, 4.5 by a Scale, or Degrees.

CLIMATE, in Geography, a part of the Surface of the
Earth, bounded by two Clickes parallel to the Equator, and of
fuch a Breadth, as that the longest Day in the Parallel neaser
the Fole, exceeds the longest Day in the Parallel neaser
by fome certain Space, circ, half an Hour. See Earth, pA.

BALLEL FEC.

MALLE, Efc.

The Beginning of the CLIMAYE, is the parallel Circle wherein the Day is the shortest.

The End of the CLIMAYE, is that wherein the Day is the longest. See Day.

A Table of CLIMATES. Lacillar C. V. C. C. of

The Climates therefore are reckon'd from the Equator The Climates therefore are recked from the Equator to the Fole; and are so many Bands, or Zones, terminated by Lines purallel to the Equator; the, in fittleness, there are feveral Climates in the Breadth of one Zone. See Zone. Each Climate only differs from its contiguous ones, in that

to longert Day in Summer is longer or shorter by half so

the longest Day in Summer is longer Hour in the one Place than in the other As the Climates commence from the Equator, the first Cli-

As the Climates commence from the Equator, the first Cli-mater, as its Beginning, has its longest Day precisely 12 Hours long; ar its End, 12 Hours and an haif: The second, which begins where the first ends, vice, as 12 Hours and an haif, ends as 13 Hours; and 60 of the rest, as far as the Poiar Circles. See Hour Here, what the Geographers call Hour-Climates terminates

and Month-Climates commence.

and Month-Climate's commence.

As an Heur-Climate's is a Space comprised between two Parallels of the Equator, in the fifth of which, the longest Day exceeds that in the latter by half an Hour; so the Month-Climate is a Space terminated between two Circles parallel to the Poist Circles whose longest Day is longer or shorter. than that of its contiguous one by a Month, or 30 Days. See MONTH

Mostyu.

The Asticuts, who coofin'd the Climates to what they imagin'd the habitable Parts of the Earth, only allow'd of leven, The fift they made to pass thro 'Mevor; the fecond thro' Stemes; the third thro' Memostrus; the fourth thro' Rode's; the fifth thro' Rome; the fash thro' Pentrus; and the 6e-

the fifth thro' Rome; the fixth thro' Pontus; and the fe-venth thro' the Mouth of the Barifikens.

The Moderus, who have fail'd further toward the Poles, make thirty Chrastes on each fide; and in regard the Obli-quity of the Sphere makes a little difference in the length of quity or the Sphere makes a little directore in the length of the longest !Day : instead of half an Hour, some of 'em only

the longest [Day 1 instead of half an Hour, form of 'em only make the difference of Climater; a querier. In fixing the Climater, there oedlinely is no regard had to the Refueltion. See Rarm across.

Valgariy, the Term Climater is bellow'd on any Country or Region differing from another, either in refuelt of the Seaton, the Classifiery of the Soil, or even the Manner of the long, the Classifier of the Seaton. Inhabitants; without any regard to the Length of the longest

Hay.

Albufede, an Arabic Author, diffinguishes the first kind of Climates by the Term reel Climates; and the latter by that of apparent Climates.

The Word comes from the Greek RAMA, Inclinamentum, an Inclination.

Varieties gives us a Table of thirty Climates; but with-out any regard to the Refraction. Recivilis furnishes a more accusate one, wherein the Refractions are allowed for: An Abstract of which follows:

Wildgie	Lon	gar	L	atit.	CII-	Long	şcit	La	313	Middle	L	tit.	Cont.	North	Cont.	South.
of Clina	Day.		1			Day.				of Clim.			Lax.	Night	Lax.	Night.
1					VIII	I 60.		48°	15	XV.	66°	53	316.	274.	20/4	284
11	13			36	IX	117	0	53	46	XVI	60	30	62	<8	60	
111	13		23			18	0	57	44	XVII	73	0	93	87	89	59 88
1.0	14			49		19				XVIII	78	6		217	120	118
V	14	30	35	35	XII	20	0	62	44	XIX	84	0	116	148	150	149
VI	25	0	40	32	XIII	2.2		65	10	XX	90	0	188	180		177
VII	125	30	44	42	XIV	24	0	6	54					I	1 '	1
							_					_				

CLIMAX, or Gradatini, in Rhemeick, a Figure, where for a Patient, or Perfon merely fick, even without incepting his year dead for defected, as it were by despress. It is a great from the Left of Contractington in Confidence and the Contractington in Confidence and Contractington in Confidence and Contracting of the such is that of Liever to Chinne, Nints 1995, until most, findle organis 3 gout do or mo audicas, quod estus utes videous, filmospus fentium: Thou doll nothing, moved nothing, that the thinkt nothing but I hear is, now for it, and perfectly underthand it. Thus, the fame Ciever to Antieur, 35 dermais experigitors of film spacerie, converse ficuria advisa. Thus, Terrollom de Spac. Who ever found of the Truth without Gold Who ever found of without the Truth without Gold Who ever found God without the Truth without Gold Who ever found God without the Truth without Gold Who ever found God without the Truth without Gold Who ever found God without the Truth without Gold Who ever found God without the Truth without Gold Who ever found God without the Truth without Gold Who ever found God without the Truth without Gold Who ever found God without the Truth without Gold Who ever found God without the Truth without God Who ever found God without the Truth without God Who ever found God without the Truth without God Who ever found God without the Truth without God Who ever found God without the Truth without God Who ever found God without the Truth without God Who ever found God without the Truth without God Who ever found God without the Truth without God Who ever found God without the Truth without God Who ever found God without the Truth without God Who ever found God without the Truth Who ever found God without the Truth Who ever found God without the Truth without God Who ever found God without the Truth Who ev Christ? who Christ without the Holy Spirit? who the Ho-

Chritir was considered to the first the fir It was the Doctine or many or the random that there was abbolately wash'd away all previous Sins, and that there was no Attourment for Sins committed after Baptifm. On this account, many defer'd that Sacrament till they were arrived

acoust, many defer'd that Sucrement till shey were strived at the lift Stage; of Lifts, and were potrty fair from the dange of finning any more, and fact, were call'd. Contact.

So Children were reply beptied, in pregal the Coremony was only performed by Affperfion, initional of Immersion. He considered S. Cryflighton out the Point, who made him another included S. Cryflighton out the Point, who made him after the source of a corporal Barb 5 and shows from Scripture that Afronton is failled.

The Word comes from the Greek anni, a Bed.

CEINIC is also us'd in Antiquity in two other Senses : aft, Clitoridis.

that were easied by that little. (**Lamerine von Alberton), Aug-ciecid, and Heffman.)

Medictine CLINICA, was particularly ut'd far the Method of vitining and treating fact Ferfons a-bod, for the more cash Discovery of all the Symptoms of the Discase. See Medi-Le Clere observes, that Æsculopius was the first who exer-

Le Clere Oblevee, that engenderes was see not woo twee-cied the Medician Clarica.

CLINER is now fieldom said but for a Quark, or rather the Art of caring Distafes by attending on the Sick. See Pattractan. CLINOIDES, in Anatomy, an Epithes given to three internal Apophysis of the Os Sphemides, one of the Bones of the Cranzum; fo called, fay found, from their refembling the Feet of a Red. See Sentence Dr.

Two of these are anterior, or before; the third posterior, behind: The three together form a limic Cavity, from its Shape call'd Sella Tureica, or Equina; wherein is plac'd the

Shape call'd Setts I wereas, or Espirins; wherein is piac a rine Firnitary Chind. See Sett.a, and Peturarary Claim.

The Word is form'd of the Greek sain, a Red, and shop, forms; either from the three Bones which refemble the Feer of a Bed; or from the Cavity they form, which refembles a CLITORIDIS Mufali, in Anatomy. See ERECTOR CLITORIS, in Anatomy, a long round Body in the Fore-part of the Vulus, or Natural Parts of a Woman; being one of the principal Organs of Generation in that Sex. See

GENERATION. Its Figure reprefents that of a Gland, or Acorn : ordingly 'tis pretty finall, bur in fome Women thick, and long.

In many respects is represents the Penis of a Man, whence fome call it the Wanner's Tard. See Penis.

In effect, it is compos'd of the same Paris; has, like it, two cavernous, or fponglous Bodies; and a Gians at the Extwo cavernous, or ipongious Booties, and a t-lians at the Ex-termity, covered with a *Preparitions*, but is not pierced thro* like the Penis. See Grams, Prarvez, Sc. It has row Mufcles which ered it in Cotion; on which occasion it swells and grows hard. Some Anatomists say,

too, it has two Mufculi Ejeculatores. See Errecton, See Its Senfation is exquitite; and 'tis found the chief Seat of

les Senfation is exquifite; and us round the care.

Pleafure: hence forme Women are apt to abuse it.

The Extractivity of this Part is former-times cut off; as in.

The Extractivity of this part is former-times.

times fo large and propendent, that it bears a full refem-blance to the virile Member; whence the Perfons in whom 'tis fo found, frequently pass for Hermaphrodites. See Han-MAPHROFITE.
The f, ongious Bodies of the Clive's, arife diffinftly from
the lower Parts of the Os Publi; and approaching one amther, unite, and form the Body of the Cliveris. Before
their Union they are called the Crurs Cliveridis; and are
traice as long as the Body of the Cliveris. See Caura.

Its Muscles arile from the Protuberance of the Ifebium, and are inferred into its spongious Bodies. It has Veins and Arteries from the Hemorrhoidal Veffels, and Pudenda; and Nerves from the Intercoffals

CLOACA, among the Antients, was a fubterraneous A-queduct; or a Common-flore, or Canal, for the Reception and Dicharge of the Filth of a City, or a Hoafe. Tarquianus Profess is faid to have been the fart who con-

2 delyates Profess is state to any excent the arit who con-rived Claster is antient Rews; to which end, a Camil was first dupt thro't the Monatain, whereon the Ciry Hood, and di-vided into river Bennches, call'd the great Chaes. The Care and Injection of the Choice belong do to the Centers, till the Time of Angulfus, who appointed Cara-torist Cheaterium, on purpole. They had their Chaetin, or Goddefs who prefided over They had their Chaetin, or Goddefs who prefided over

the Chace.

the Classe.

The Word is compounded of the Greek wall, purgo.

CLOCK, an Automaton, or Machine, ferring to meafure and drike Time. Sec Tims.

The minal Movements are Wateley, and Clocks: the former, in firstlensh, are fuch as flow the Parts of Time; the
latter fach as publish it by striking a Thom to Name Wateley.

latter fuch as publish it by striking: 1 no the Name Frace is ordinarily appropriated to Pocket-Gooks, and that of Clocks to larger Machines; whether they firike or no.

The Parts common to both Kinds of Movements, fee under the Article MOVEMENT.

Those peculiar to Watches and Clocks, see under WATCH-Work, and Clock-Work. Work, and Clock-Work.

The Invention of Clocks with Wheels, is referred to Pacificus Archdeacon of Verous, who lived in the Time of Lockerius, Son of Louis le Deboundire; on the Credit of an Epitaph quoted by Ughell, and borrowed by him from Pau-

winist.
It was a first called the Notinernal Clack; to diffinguish it from the Dails, which showed the Hour by the Sun's Shadow. Others skirlbe it to Boothins, about the Year 510.
Mr. Derfrom makes Clock-currk of a much older Randing;

Mr. Derbum makes (Lock-work of a much older Handing) and raish Arielmate's Spher, mentional by Claussians and that of Philadounia, mentional dip Olera, among the Machines of this Kindi yane that either their form or use were the Lines with these of ones: but that they had their Moin form some thind in Weights, or Springs, with Wheels or Pallies, we have the claim of the Control umm certis meribus urget opus.

Be this as they will, 'tis certain the Art of making Clocks

fuch as are now in me, was either first invented, or at least retrieved in Germany, about 200 Years ago.

The West-Clacks, or Clephydre, and San-Dlals, have, both, a much better Claim to Antiquity. See CLEPYDRA, and

The French Annals mention one of the former Kind, fent The French Annals mention one of the former Kind, tent by Aerow King of Perifis to Charlemagin, about the Year Sor, which form'd to bear forme refembliance to the modern Closes: I two of Banis, and flowed the Hourn by review little Balls of the time Menal, which fell at the End of each Hour, and in falling thruck a Bell and made it found. There were also Figures of two-leve Cavaliers, which are the End of

were allo Figures of twelve Cavaliers, which at the End of each Hour came forth at certain Apertures, or Windows in the Side of the Clock, flux 'em again, &c. Among the modern Clocks, the moff eminent for their Furriance, and the Variety of their Motions and Figures, are thefe of Stressburg, of Lunden, and of Lyons. In the firit, a Cook claps his Wings, and proclaims the Hour; the Am-

gel opens a Gate and falutes the Virgin; the Holy Spirit deficends on her, Sc. In the fecond, two Heremen encoun-ter, and heat the Hour on each other; a Door opens, and ter, and beat the Hour on each other; a Lloor open, and there appears on a Theater the Virgin, with Jefas Christ in her Arms; the Mayi, with their Retinae, marching in or-der, and prefenting their Gifus; two Trampeters founding all the while ro adom the Precedition. See Sextris; fee also Satungfus on Schimus; Maftus de Trantomatmits; and Kricher in his Muleum Romanum, and Adep. Agypt.

The Invention of Pendulum Clocks is owing to the happy

The Invention of Pendalism Checks is owing to the happy Indultry of the laft Age: The Honour of it is diffused be-tween Happens and Gelileo. The former, who has a just Volume on the Subject, declares it was first put ha a part to happen the control of the problem of the control primed in the Year 1657, and the Description thereof primed in in the Year 1657, and the Defeription thereof primed in 1658. Bucher, do nous Temporis dimensional Years, dimensional 1650, flickies for Galifies; and relates, the at facond hand, the whole Hillory of the Investion; adding, that of for, Clock-maker to the Father of the then grand Defect Tydicany, made the first Pendalum-Clock at Florence, by di-rection of Galificus & Galifies; a Pattern of which was brought redtion of Galificus & Galifies;

The Academy de l'Cimento fay expressy, that the Appli-cation of the Pendulum to the Movement of a Check was first propos'd by Galileo, and first put in practife by his Son Vin-

20 Galilei, in 1649.

Be the Inventor who he will, 'tis certain the Invention never flourish'd till it came into Huggers's hands, who infifes on it, that if ever Galileo thought of such a thing, he never

on it, that if ever Gallies thought of lich a thing, he never brought it to any degree of Perfection.

The first Pendulum-Clock made in England, was is the Kear star, by M-Fromantia Sumethman. See PENNUTUM. Pendulum-Clock.

Pendulum-Clock.

See PENNUTUM.

Repairing Clock.

Repairing Clock.

See WATCH.

Repairing Clock.

CLOCK Work, is that Part of a Movement which times the Hout, giv. on a Hell. See MONTEMENT.

The Wheels it conflits of are the great, or fift Wheels, which is that the Weight, or Spring first derives in fix teen or twenty hour Choix, this has untuily Prim, called the plantifiers in cipht day Pieces the focused Wheel is commonly the Fin Wheel, or Striking-Wirest.

commonity the Fin-Wheel, or Striking-Wheel. Next the Striking-Wheel, is the Detect-Weel, or Hosp-Weel, the int a Hoop Janoll round in, wherein is a Vasings at which the Clock belock. The next is the third, or Horn's Hivel, in the Clock belock. The next is the third, or Horn's Hivel, is Parising with a Fly, or Fan to gasher Air, and 6 heels the Rapiding of Report, which drives round the Lecking-Novales in it, mospally diffirm, to make the Clock third is Home. See Wartz.

Belidds the Wheel, to the Clock part belongs the Raf-er Striking a Bod of Wheel of rewebe large Fings, noming the Clock of the Clock the Clock the Clock the Clock Theory as Bod of Wheel of rewebe large Fings, noming

Concentrates to the Distance week, and terring to life up the Detents every Hour, and make the Check firike: The Detents, or Stops, which being lifted up, and let fall, lock and unlock the Check in firiking. The Hammers which firike the retti, or scops, which being litted ap, and let fall, lock ea unlock the Clock in firthing. The Hammer-t which firthe the Bell 1 the Hammer-tails, by which the firthing Fins draw back the Hammers 1 Latelets, whereby the Work is litted up and unlocked 2 and Lifting-pieces, which lift up and un-lock the Decents.

Joes the Deteent, and Calculation of Conce. Work.

The Monday of clashing the Number of a piece of Cole Work, having Something, is to very low to the fame time very early and defaul, we find give the Reader the Rules relating thereous preferring, for the general Rule than Obstain in the Calculation of all Movements, of Word as well as Clack Work, to the Article Movastaway and for particular Rules of Words was to the Article Movastaway and for particular Rules of Words Words, to the Article Watershop and the Cole Watershop and Cole Watersho

For the first Calculation it felf, it bears that affinity tothe For the itest Calculation it left, it bears that attinity to the Calculation of Watch-Work, that to avoid Repetitions we shall refer to that Head: what Chek-Work has peculiar to it fall, will be conceived from what follows.

it felt, will be conceived from what tollows.

Rules for ecaleulating the furthing Part of a Crock.

18 then, Ohlerve that regard, here, needs only to be take
to the Coant-Wheel, striking-Wheel, and Deent-Wheel,
which move round in this proportion: the Coant-Wheel
commonly goes round conce in a to a 44 Hours; the Deetes
Wheel moves round every firstee the Check firther, or found

"The Coant-Wheel the Check firther, or found the coant of the coant-Wheel moves round every firstee the Check firther, or found

"The Check firther, or found the coant of the coant

but half the number of Pins.

\$\frac{4}{3}\text{dy}, \frac{8}{3}\text{many Turns of the Pin-Wheel as are required to perform the Strokes of 12 Hours, (which are \frac{7}{3}\text{ for mirrors must must the Pinion of Report have, to turn round the Count-Wheel once: Or thus, the Quotient of \frac{7}{3}\text{, distributions of the Pins of the P

sided by the Number of striking Pius, shall be the Quotient for the Piulou of Report and the Count-Wheel; and this is to case the Piulou of Report be fix'd to the Arbor of the Piuwhich is commonly done

nch is commonly done.

mple will make all plain: The Locking-Wheel
being 48, the Pinion of Report 8, the Pin-Wheel
78, the Striking-Pins are 13, and 60 of the tell.
Note alfo, that 78 divided by 13 gives 6, the
Quotient of the Pinion of Report. As for the 8) 48 (6. Quotient of the Finton of Report. As for the Warning-Wheel and Flying-Wheel, it matters little what Number they have; their use being only to bridle the Rapidity of the Motion of the other Wheele

The following Rules will be of good fewice in this Cal

addition. cultion.

1. To find how many Strokes a Clock firskes in one turn of the Fair, or Barrel. As the Turns of the great Whoel, or Fair, are to the Days of the Clock's continuance; to is the number of Strokes in 14 Hours, vis. 156, to the Strokes

of one Turn of the Fufy.

of one. Turn of the Euly.

1, **Ip fail for one may Duty, the Click will go. As the Smitch in a Hours are to those in one muon of the Euly's Good and the Euly's and the Euly's great and the Euly's g

wis. 78, to the Quotient of the l'inion of Report, fix d on the Arbor of the great Wheel. 5. To find the Strokes in the Clock's continuance. As 12 is to 18, to are the Hours of the Clock's continuance to the Number of Strokes in the ries

To add Chimes to a piece of Canen Work, fee the Article CLOISTER, a Habitation furrounded with Walls, and

CLOISTER, a Hebistion farounded with Wills, and inhibited by Cross and Religions. See Cason, En. 2017. The second of the second

The Civilians lerv'd for tevers: rurposes in the antient mu-safteries. 1th, Peter de Biois observes, that it was here the Manks held their Lectures: The Lecture of Morality at the Month fide, next the Church; the School on the West, and the Chapter on the East; Spiritual Meditation, &c. being referv'd for the Church.

refler'd for the Charch.

Du Long concludes, that all these different Exercises were performed in the Cheffer it self; but by missiske. The Church, the Chapter, and the School were not Parts of the Chiffer, but Buildings adjoining to it.

Langium observes, that the proper Use of the Chiffer was for the Masks on meet in, and converte together, at cerum for the Manks on meet in, and converte together, at cer-

was see the Monks to meet in, and converie together, at cer-tiln Huurs of the Day.

The Form of the Cloifter was fquare; and it had its Name, as bing incloid on its four Sides with Buildings.

Hence, in Architecture, a Building is fittil laid to be in form of a Cloifter; when there are Buildings on each of the four Sides of the Court.

for Sides of the Court.

CLOSE, in Heraldry, when any Bird, addicted to flight, it drawn in a Coat of Arms with its Wings cloft down about, it, and not either flying or diffully d. i.e. in a flanding Potture, they blass it by the Word Cloft. See Vot.

If it be flying, they call it Volanz.

Che is not apply'd to the Peacock, Dunghill-Cock, &c. in tegrid that is their ordinary poliure.

The Term Gloe is likewise us'd for the Barnacles, or Bits of a Bridle, when not extended, as they are usually bore. It is also m'd for the Bearing of a Helmet, with the Visor

It is alfo and for the Bearing of a Helmet, when the Venne down: A Barnote (1998, a Helmet (1998, U.S., Coons, Fagirs, a board a Ship, are Bailt-heads put up fore and aft in the Ship, for the Mrn to fland behind in a claft Deplement, and fire on the Enemy's or if the Ship be to the Cool of the Cool of the Cool of the Cool, Research of the Cool of the Cool of the Cool, Research of the Cool of the Cool of the Cool, Research of the Cool of the Cool of the Cool, Research of the Cool of the Cool of the Cool of the Cool of the Research of the Cool of the Coo

CLOSET, is a a Bar. See Bar.

The Bar ought to contain one fifth Part of the Escutcheon, as the Peffe doth the third. CLOTH, in Commerce, in its general Senfe, includes all Kinds of Stuff, wove or manufactur'd on the Loom, whe-ther their Threads be of Wool, or Flax. See Stuff, Loom,

WEAVING, SC. In its more refirsin'd Scufe, Cloth is peculiarly apply'd to a Web, or Tiffue of woolen Threads, increasen; whereof fome, called the Warp, are extended lengthwife, from one

end of the Piece to the other; the reft, called Woof, dispos'd B-Cross

WAST.

Gleb's are wore on the Loom as well as Lineas, Draggetts, Serges, Camolots, Gr. They are of various Qualifics, Ince, course, fineage, Gr. They are of various Qualifics, Ince, course, fineage, Gr. Siene made of Wool of different Colors of Let. the Wools being dy'd and deelfd, are either fines, or the contract of the Colors of the

fineces. In, In the Wook being fine and well derift. See West, In its being meanty a lawys oddering, however, that the Thread of the Warp be fines and hence revited than fairs of the Wort of, In the Carbon being well wought color and compath. See We arrive to every where equally acids and compath. See We arrive to every where equally acids and compath. See We arrive to the work of the chief and compath. See We arrive to the work of the sealty dramp, and of the fame. Length with the Surff; and that they confide pool Marrer, as where O, Olitich Even that they confide pool Marrer, and work O, Olitich Even that they confide in the sealth of the Knots and other Imprefedience. A in the being well clearled of the Knots and other Imprefedience, a Tie in being find und foured with good with dear in clear Water. So, In the life, or Nayl heliq well draws one with the Tarak, or Thirdle, on the Dies well draws one with the Tarak, or Thirdle, on the Dies yet and heavy meant deared, a, In in being those civils yet with the sealth of the sealth of the sealth of the See See See See See 1800.

NO.
10. In its being well dy'd. See Drawe.
11. In its not being freech'd, or pull'd farther than is necessary to fee it square, and bring it to its just Length and Breadth. See Synamouse

Breadth. See Syntremme.

2. In into the long prefid cold; hosperfiling being an interest. In into the long prefid cold; hosperfiling being an interest. It is not been a finite for dying.

Mentalelluring of fine Carrent in minter, for dying.

The both Wood her her Purpole are robote of England and Softers, effectively that of Linkshofters, and Segment.

Generally and the longer of the purpole of the linkshofter in the linkshofter in the longer of the linkshofter in the longer of the purpole of the linkshofter in the longer of the linkshofter in the longer of the linkshofter in the linkshofter in

known to be well foored, when it feels dry to the touch, and has no finell but the natural Smell of the Sheep.

In this fixte 'is bung out to dry in the Shade; the heat of the Sun being ape to make it hardh, and auntalbake. When dry, 'it beat with rods on Hurdles of Wood, or on Ropes, to clear out the Dult and groffer Filth: The more it is thus beat and clear'd, the more loft it becomes, and the

better it fpins. better it frius.

After bearing, it is well pick'd, to clear the rest of tho
Filth, that had escap'd the Rods.

"Tis now in a State to be oil'd, and carded on large Iron
Cards, plac'd a-flope. The best Oil for the Purpose is Oil of

Cards, plac'd a-flope. The beft Oil for the Purpose is Oil of Oilves; one fifth of which, at least, should be us'd for the Wool destin'd for the Wool, and a ninth for that of the

Wars.
The now given out to the Spineers who find end it on
The now given out to the Spineers who find end it on
electricity to make the Thread of the Warp familier by one
third than that of the Woof, and much color criticity as it
orders to this, the lister must be fpun with the Band, or
The Thread the Spine, recil, and much iros Skiens, that
defilled for the Woof is wound on Spine, r.c. on little
the third for the Woof is wound on Spine, r.c. on little
they may be cally gar in the Eye of the Shurtle. That for
the Warp is wound on a kind of Rochets, or large wooden
Spiness, or diplot in few waypies, Soo Survara, and

WARTEN, when were the control of the and feven flut.

It may be oblery'd, that the more the Threads of the Woof are struck against each other, the closer the Clorb is : hence it becomes enabled to fuffain the Violence of the Fulling-Mill, as well as of the Teasel, or Fulling-Thiftie, with-

ling Mill, as well as of the Tassal, or Falling Thills, withoff finning or openion.

The Weaven having continued their Work 40 He where
ye is fill with Work the Cabe in the Line. The theethem is the way with the continued to the continued to the
hard the continued to the continued to the
hard to be continued to the continued to the
hard to be clearly of the Kanes, each of Thread, Sersew, and
other Fillin, which is done with a Fallery, to be found a
with Uffice, or a thind of gard Earth will clean if and the grid
in Witter, pur along with the Cabe in the Trough, whetein it is folice.

in it is field.

The Carb being again clear'd from the Earth, or Urine, by wathing it in Water, is resemble to the former Linguistic by wathing it in Water, is resemble to the former Linguistic being the Carb Linguistic being the Carb Linguistic being the Carb Linguistic abefore them it recently do to be Falser, to be beat, and full of with her Water, wherein few or fix Proundo's Supe her been fully did not so that the contract of the carbon contract of t

the Clord when in the Troughs.

The Smoothing is repeated every two Hears, till the Falling be faelfild, and the Clorb brought to its proper Breadth ing the faelfild, and the Clorb brought to its proper Breadth in sire which, it is waiff di nicles Waster, to praject in of the Sonp, and given, all wet, to the Carders, to raise the Hair, or Nap, on the right Side, with the Thillie, or Weed, wherewith they give it two courfes, the first again the Grini, from Haut Oralin, from Ha

Tail. The Clerk being dry'd after this Preparation, the Sheerman takes it, and gives it its find cut, or theoring.

This does, the Carders refune; it, and after vectoring it.

This does, the Carders refune; it, and after vectoring it, and the control of the Con

After this, the Cloth being dry'd, is return'd to the Sheerman, who sheers it a second time, and returns it to the Car-der; who wetting it, gives it as many courses as he thinks man, who sheers it a scome trone, more configure to be visited in the configuration of the co

must be on the right Side, except the two last, which must be on the other; and that the Cloth can't be too dry for

Sheering.
The Cloth thus were, fulled, nap'd, and florn, is fent to the Dyer. See Dying. When dy'd, 'tis wash'd in fair Water, and the Sheerman

When $\phi_{ij}^{(k)}$, the smith d in fits Where, and the Sincemus takes it again, we are it is, lays the Hirt, or Nep, with a Bendt no a Table, and hungs it on the Tenters where it is threshold bett in length and breading nonequip to insensity in the since the best in length and breading to be compared to the Hirtheology to be compared to the Hirtheology to a lattle model on the Tenter. When quality day, the Cabb is taken off from the Tenter. When yailed day, the Cabb is taken off from the Tenter. When yailed day, the Cabb is taken off from the Tenter. When yailed day, the Cabb is taken off from the Tenter. When yailed day, the Cabb is taken off from the Tenter. The table is given in the size of the taken is prefixly fissouth and even, and to give it a little Lafter. The Lafter is given by large at Laft of Vellon, or fixe Tabbased in such little of the Piece; and over the whole a Serves of the Peris is bought above, with the degree of I come. Screw of the Press is brought down, with the degree of Force judg'd necessary, with regard to the Quality of the Club.

consideration of the considera

Thus, if he would mix three Colours, v.g. Coffee Colour, Feaillemort, and pale Blue, the first to be the prevailing Colours he weight a Quantity of each for instance, ye Grains of the first, as of the fecond, and so of the third; the multiplies each by a Pounds for Wools and thus gains 1400 Pounds for the Coffee Wool; soo Pounds for the Feaillemen.

and 400 for the pale Blue.

The Wools of the Specimen thus weigh'd, are mix'd, oil'd, carded, moitten'd with clear Water, rubb'd with black

out, excied, mentral with clear Water, ratbd with bace Seap, and in his fine wronghs I ong time in the Hand, till being perfectly fulld, they are reduced into a piece of Felt, like that wid by Hatters. This then risted in Water, to purge out the Oil and Seap; and when dry, the Hair, or Nap is creded out with the Weed; then them once again, till the Ground appear, and the feveral Coburne to different search.

Laftly, wetting it a little, and prefing it, he examines it well, and if he be not contented with it, makes another Felt; if he be, he proceeds to mix his Wools: when mix'd, 'tis best on Hurdles, clean'd, oil'd, carded, spun, wore, go as in white Cloth.

Incombustible CLOTH. See LINUM Incombustibile.
CLOUD, in Physiology, a Collection of condens'd Va-

ur. See Varoun.

A Chud is a Congeries of watery Particles, or Velicular A Cond is a Competite of watery Particles, or Political raised from the Waters or watery parts of the Earth, by the folar, or induceraneous Heat, or both; which at their first life from our Globe, are too minute to be perceived; but as they mount, meeting with a greater degree of cold, are condeared, and rendered opaque by the results of their Particle Section 1998, loss to as feet Light, and become withless. Sec CONTRAINTION. The manner wherein Vapours are rais'd into Clouds may

be conceiv'd thus:

Fire being of a light, agil Nature, eafily breaks loofe from
Bodies wherein 'tis detain'd: For the manner whereof, for

Borrino.

Now, by reason of the exceeding smallness of the Particles of Fire, their attractive Force must be exceeding great; hence, in their Ascent thro' flaid Bodies, part of the Flaid will cling accound them, and mount up together with them, in form of Vericles of Water replete with Particles of Fire. which Veficles are what we call Vapour. See FIRE, and

VAROUR Further, this Vapour being specifically lighter than Air, mounts in it, till having reach a such a Region of the Atmeants in it, till having reach'd lisch a Region of the Ar-mofisher as is of the fame fpecific Gravity with themselves, they will be suspended; till the watery Vesicles, which wer at first now that no be precively, being now condeav'd by the Gold of the superior Regions; and their included ignous Particles extind, or at leaf driven into a left compute, and consequently the Patts for closer together; their Donsity is confequently the Parts for clofer together; their Denfity is first augmented to as to render 'em opaque cough to refide' the Sun's Light, and become visible; and their specific Gravity increas'd, fo as to make 'em delecod' in the former State they are called Closud; and in the latter, when they arrive at us, Raim. See Raim; fee allo Bardargers.

Closude, bright white the fames then defined in Their Closude.

Clouds, belide their use when they descend in Rain, are likewise of use while suspended in the Atmosphere; as they help to mitigate the excessive Heat of the Torrid Zone, and fercen it from the Beams of the Sun, especially when in his

CLOVE, an aromatic Fruit, bore on a Tree of the fame Name; by the Latin also called Carryophillum. See Sriez. This Tree was antiently very common in the Molaco Islands; where all the Europeen Nations, who traffick in Spices to the Indies, furnish'd themselves with what quan-Spices to the Indies, jurnilled themselves with what quan-tity of Chouse they required. At prefent there are scarce any found but in the Island of Ternast: the Dutch, in order to render themselves Matters of that Merchandise, having dug up the Clove-Trees of the Melucces, and transplanted them Ternate 4 fo that there are none now to be had but thro their Hands.

The Tree is very large; it only bears Fruit once in eight The Tree is very large; it only bears truit once in eight Years, but holds, at this rate, as hundred. It Bark refem-bles that of the Olive-Tree, and its Leaves those of the Laurel: Its Frait falling, takes root, and thus multiples of it less whome any enture. This kid, it will not allow any other Herb or Tree nearit; its excessive heat drawing et all the Luckley of the very

it all the Humidity of the Soil. When the Cover first begins to appear, it is of a greenish white; as it ripens it grows brown: Nor is there any Preparation necessary in order to render it such as it comes to

parents overfilly in order to reader it facts as it comes to as, but only it in the San whose room Authors till of first fit forging it in Sect. Water, to preferre it from Worms. The First is formewhet in form of a Naily whence the Theory and the Common to the Common and the Section 2 and the Common and t

Their Properties are to warm and dry, to correct a fetid Breath, sharpen the Sight, diffipate Films in the Eyes, for-tify the Stomach and Liver, and stop Vomiting. They are tify the Stomach and Liver, and stop Vomiting. They are us'd in Apoplexies, Palsies, Lethargies, and other Diseases of the Brain

of the Brain.
Such of the Fruit as escape the Gatherers, grow and fwell

on the Tree, and become

called Mather of Cloves.

There is also an Oil deawn from Cloves by Diffillation; which, when new, is of a gilded white Colour, but reddens as it grows old: 'tis us'd in Medicine as a fovereign Remedy it grows old: its use in nuclicine as a two reagn Komeen for the Tooth-ach, and in Compositions with the fame View or the Fernit. It is also much us'd among the Perfument.

as the Fruit. It is also much and among the Perfumers.

The Natives call the Tree Changup, the Perfusns and
Arabs Kerumfel, and the Tarks Katafaur. They make
feveral Preparations both of the Flowers and Fruit.

CLOUGH, or Dressghr, in Commerce, an Allowance
of two Paunds in every hundred Weight for the turn of the

Scale; that the Commodity may hold out weight when fold and her social out by retail.

CLUNY, or CLUGNY, a celebrated Abbey of Benediffin Monks, in a City of that Name; being the Head,
or Chief of a Congregation denominated from them. See

Arrey and Bisserrement ABSENT, and BENEFICTINS.
It is fituate in the Majoranesis, a little Province of France,
on the River Grine; and was founded by Williams Duke of
BERTY and Aguitain; or, as others fay, by the Abbots Berson, (apported by that Duke, in the Year 910.
This Abbot was anticatly fo very fpacious and magnificent, that in 1445, after the holding of the first Council of

cent, that in 1443, offer the holding of the first Council of Lyans, Pope fameners IV, went to Girny, accompanied with the two Turtinechs of Artistath and Confidentiaphic, seekler and the confidence of the confidence of the confidence of the Medals being put out of their place, the S. Lonis, Q. Simelev his Morters, the Dake of Arris his Bookers, and Online the Morters, the Dake of Arris his Bookers, and Simelev the Morters, the Dake of Arris his Bookers, and Kings of Arragon and Capitar, the Dake of Surgampo', for Counts, and a great number of Lorick, with all their Retinus,

Counts, and a great number of Lords, with all their Recume, were there at the faint time. Cliny, at its first Erection, was put under the immediate Protection of the Apostolick Sec 3 with expects Prohibition to all Secular and Ecclefishithe Powers, to dishort the Monks in the Postession of their Effects, or the Election of their

in the Folfelion of their Effects, or the Election of their About. By this they percended to be exampted from the Jarifelliciton of Bifthous; which, at length, gave the Hint to Lamight and the Bifthous; which, at length, gave the Hint to Campy in the Hand of a xvy numerous and creation of Googregation: In effect, it was the first Cangregation of diverse Monatherica tunior under one Chief, for an only to confine one Body, or, as they call it, one Order, that ever anofe. See Concentratives, and Ontrare.

Sec Convience Autors, and Obder.
CLYPEUS, CLIPEUS, or CLIPEUM, a Bucklet; a
piece of defenitive Armour, which the Austiness wid no carry
apon the Arm, to feare them from the Blows of their bemice. Sec SHILLD, and BUCKLER, and
The Figure of it was either round, ovel, or fexengular:
in the middle was a Bois of Iron, or of Some other Metal,

io the middle was a Boss or from, or or some other recen, with a sharp point. CLYSSUS, in Chymistry, is one of the Estechs, or Pro-ductions of that Art; consisting of the most efficacious Prineiples of any Body, extracted, purify'd, and then re-miy'd.

See GROMENTAL.

Or, a Copffis is when the feveral Species, or Ingredients
of a Body, are prepar'd and purify'd leparately, and then
combin'd again. Thus, Sait, Saiphus, Oil, Spirit, and Mercury, residembled into one Body, by long Digethon, &c.

cury, residentibled into one Body, by long Digettion, Ste-make a Clyffes. Thus, Cursus of Antimony, is an agreeable acid Spirit, drawn by Diffillation from Antimony, Nitre, and Sulphur mix'd together. Sec Antimony.

rogether. See Awramar.

There is allo a Coffee of Virriot, which is a Spirit drawn by Diffillation from Virriot diffor d in Vinegar: this is said by Phyficians in various Diffeeies, and ro extract the Tinctures of feveral Vegetables.

Cresus is said among force Authors for a kind of Ants.

Current is used among fome Authors for a kind of £ufat, and one of Easted, mundle wish eight Parts of the Justice of a Planat, and one of Sugar, feeth d'together into the Confiftence of Honey, CLYSTER, in Medicine, a Blugald Remedy, or Isjechen, introduc'd into the Intellines by the Fundament; in order to cretten them, loofen the Belly, moliften and feitren the Ferench and the Confirmation of the Confir

involució into the Intentiona sy conferencia de Grica the Paceste thicken, locate the Belly, modifien and Grica the Paces, diffigrate Wind, Gr. Francis attr, and Milk, but more obtains of Decolations of certain Infects, no which are more obtains of Decolations of certain Infects, no which are defined Honey, brown Sagar, formetimes Carbolicon, and other Decolations, formetimes Carbolicon, and other Decolations, formetimes Carbolicon, and other Decolations, formetimes and other Decolations of the Pacester Carbon Company, and the Pacester Carbon Company, and

ruling, &c. Uterine CLYSTERS, are Injections into the Uteras, or Womb. See PESSARY.

Nourifiling CLYSTERS, are those apply'd with design to nourish Perform who casnot take in any Aliment at the Mouth,

Hildann; tells us, that Auberi, a Physician, fed a Woman of Quality fix Weeks by Clysters composed of Capons Field, and other Fowla, hoal'd to a Pulo, with Yolks of Eags, and nlied twice a Dov

and center Forms, round to a runy, with Calles or 2009, spe"The dilitary, besweet, so exactive blow Cyffeer floadinmouthin, and the Cafe is brightly conservered in the Memoirs
of the French Stoyal Academy, besween M. Eitzer, who
the French Stoyal Academy, besween M. Eitzer, who
The Argaments and the first first, stay, that the Materials
of the Cyffee, the wars of the collisings. Philipse, was the
Old For in the first of the large floadings of the Cyffeet of
the first of the large floadings of the Cyffeet of
the first of the large floadings of the Cyffeet
of the tree called Fethers Hantsuria; to supple the
pulling of the tree called from the first floadings of
the first of the large floadings, and before
it be first or the large floadings. The collision of
the first of the large floadings of the Cyffeet
in the final locat. But the large floadings, the thousand
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can carry the Chyla into its Recepteds, and the Chyla the conjo Seldineze fast can onceith.

To this M. Lennyr objects, that vory great Austronian that the confidence of the

trandingry occasions.

This Notion will appear incontestable, if M. Morin's The-ory of the Passage of the Urine be admirted. See Unine. ory of the Paffage of the Urine be admitted. See University, the Pagy the Pagy time were the first who invented Clyffers; or eather, who applyd 'em to ale. Galen and Paffagy adds, that they iscame the thing from a Blifd of their Country, call'd Brit; which they frequently observed to make this kind of linjethon with its Besk, and afterwards to different the Revent times. Others fay, that the Chrones, this hied of lightfus with in Beal, and afterwards to out-charge it fell invent times. Others fay, that the Growner, charge it fell invent times. Others fay, that the Growner or Sirok, first traight time the Oppication of Copflers. The Word comes from the Oppication of Copflers. The Word comes from the Oppication of Copflers, "The Word Comes from the Oppication of Copflers," and the Wife called Except retail afterwards for the Oppication of Copflers TENDER STREET THE OPPICATION OF THE OPPICATION OPPICATION OF THE OPPICATION OPPICA

vission terrii Internatii, &c.
COACH, a Vohich fer communitions travelling, fulpended
on Lexibers, and mov'd on Wheels.
In Egislani, and throughout Europie, the Gasches are drawn
In Egislani, and throughout Europie, the Gasches are drawn
part of the End. of the Control of the Control
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The Concinnen is ordinarily placed on a Scat rais'd before the Body of the Conch. But the Spanish Policy has dif-plac'd him in that Country by a Royal Ordonnance; on ocplac'd him in that Country by a Royal Ordomance; o one-cation of the Dake of Octowar, who found that a very im-portant Secret whereon he had conferred in his Coach, had been overheard, and reveal d by his Coachmar, is the fame with the Place of the Sparific Determine, is the fame with that of the Prince Stage Canadiment, and our Petillion, eris-one of the Coachmar of the Coachmar of the Coachmar of the Theoretical Coachmar of the Coachmar of the Coachmar of the Prince of the Coachmar of

The Invention of Content is swing to the French: yet are one Content of any post antiquity, come in French (Secret Content) and yet antiquity, come in French (Secret Content) and Authon Observe, as a thing very legal, at the three worst at first first sit, was cany for the Country; and Authon Observe, as a thing very legal, at the three worst at first remove that the Content of Content (Secret Content) and Authon Observe, as a thing very legal, at the three worst at the Content of Content (Secret Content) and Author Observe, as a thing were common Bandwick and Author (Secret Content on the Land & British Bandwick, and Author (Secret Content on the Land & British Bandwick, and Content on the Content of the Content of the Content on the Content of the Content of

Conches have had the Fate of all other Inventions to be

Gauder have had the Fate of all other Inventions to be brought by Reps and degrees to their Perfection; at prefent they feem to want nothing, either with regard to Ede or Magnificence. Louis XIV. of France, made feveral famp-tuary Laws for reflexising the excessive Richmets of Catcher, prohibiting the use of Gold, Silver, tie. therein; but they have but the Fate to be neighbor.

producing the me of Groot, oured, Grant means y but have had the Fatte to be neglected.

Conclus may be divided into two Kinds 3 those that have Inon Bows, and chose that have not: Both the one and the other have sown perincipal Parts, the Body, and the Train, or Continued to the contract of the contr

The Body is that part where the Paffengers are disposed; and the Carriage that which fustains the Body, and to which the Whoels are fasten'd, that give Motion to the whole

Conches are diffinguish'd, with regard to their Structure, to Conches, properly so call'd, Chariots, Catalhes, and the Circumstances of their Rrr Ufe

Use, S.e., we diffinguish Sneg-Coaches, Hackney-Coaches, Sec. Chartes, or Half-Coach, is a kind of Coach that has only a Seat behind; with a Stool, at most, before. When these are very gay, richly gamish'd, and have five Glasses, they are call it Cataghes.

are call'd Gatafiles:
Calafib is also a kind of light fmall Caseb, with very low
Wheeks, richly adorréd 3 us'd on occasion of Plesafure 3 and
open on all falces, to take the Air, and enjoy the Prolipect.
There are of these Calafibes with one, two, and three Seatrs,
where the Perfors don't fit facing one assorber, as in the common Cosches, but all forwards, each Seat having its back Hacksey Coaches, there exports to hire, in the Streets of London, and fome other Capital Cities, at Rates fix'd by

Those in London are under the Direction of Commissio-Thole in London are under the Direction of Committion-ners, who take cognizance of all Caufes and Difputes arifing thereupon. They are diffinguiffid by Nambers affixed the Casto-Doors 1 and the Pares, or Rates, fixed by a Sta-tute 14 Car. 11, and confirm'd by another in the 5th and 6th of K. William III.

or is. Without III.

For a whole Day of twelve Hours the Fare is 10.6 for a fingle Hour 11, 6.8, for every Hour after the first 15. At their Rates, they are oblight to carry Passengers any where within 10 Miles of London.

Stage-Coaches, are those deflin'd for the Conveyance of Travellers from one City or Town to another.

COADJUTOR, q. d. a Fellow-befor, is properly used for a Prelate join'd to another, to affilth him in the Dikharge

of the Functions of his Prelature a and even, in virtue thereof, to fucceed him.

The Condition has the same Privileges with the Bishop

himfelf. See Bishop. Conditions were appointed by the King, for Archbifhops and Bilhops grown old, or abient, and not able to administer

in their Dioceses. But the Right of appointing Conditions

Conditions are called Biffings in partitions infidelium; in regard it is necessary the Condition of a Biffing froud be a

regard it is necessary the Consumor of a Bilton intention to a Bilton intention of a Bilton intention of the Consumor of the Reman Empire. Symmachus speaks of Assistants, or Consistency, given to Maguitrates; and calls them Adjutores

publici officia.

The Popes, formerly, made a fhameful Abuse of the Cond-The Popes, formerly, made a financial Abule of the Consi-juncies: Some they granted to Children, and young People, with this Claufe, Done ingreffus furris; "Till they were capable of entering upon the Administration of the Office," Others they granted to Perfors not in Orders, with this Claufe, Done accefferis; and others to Perfors at a great distance, with this Claufe, Com regressions: But the Council of Trent ty'd down the Pope's Hands, by adding abundance of Refleictions upon the Article of Condittors.

of Reifictions upon the Article of Conditions.

In Numerics with where Conditions of Reifiction Numerics with where Conditions of the Condition Numerics of the Numerics of th

occation at its numery; as we trequently the in Bood, Mink, E.c. See Feire.

We diffinguish between that kind of thickening which is effected by the Evaporation of the fluid Parts of a Body, as in Clay, which condenses in the San, which we properly call bardening; and that effected without any loss of its Sub-flance, which we call congulating. Thus, we say, that Cold

congulates Blood, Co. There is one general Term, viz. Concretion, which includes both Congulation, Condenfation and Hardening. See

CONCRETION Concention is perform'd by the mixing of Salts of different Natures; as when Spirit of Vitriol is pour'd on Oil of Tar-tar; or when Oils are mix'd in a Mortar with faline, or aque-

ous Liquors, as in Nutrition. ous Liquors, as in Nutrition.

By injecting an Acid into the Vein of an Animal, the
Blood congulates 4 which flops its Circulation, and brings immediate Death. See Blood.

Several Polions have their effect by inducing a Congula-

Sec Poison. COAL, a black, fulphurous, inflammable Matter, dug out of the Earth; ferving in many Countries as the common

See Full.

This we fornetimes call Pit-Cosl, fornetimes See-Cosl, Foffil-Cosl, Earth-Cosl, and Natural Cosl; to diffinguish it from an Attificial Fuel made in imitation hereof, by half burning the Branches and Roots of Trees; properly call'd Charcoal, and Smallcoal. See CHARGOAL.

Pir-Coar is rank'd among the number of Minerals, and the Piaces it is dug out of are call'd Cost-Mines, or Cost-Pits. It is common in most Countries of Europe: the the English Cost is of most repute, even in foreign Countries;

otwithstanding some pretend, that of the Fosse in Assurance

nonvitulanding tome pretend, that of the Foffe in American is not any thing loferior to it.

The Goodness of Cost confits in its being as fice as possible from Subpart, in its beating from well, and in its burning a long time in the Smith's Forge. The Hopile Cost has the particular to it; that it never lights fo perfectly as when Water is thrown on it.

had this pareculait to it; that it never signs to perfectly a
The Commerce of Get it sever confidence his in Enginear
great Quantities are experted to Frence, &c. by say of
Ramen. The Mostlem whereby they are fold it he Chair
lie the Momeirs of the Frence Reyal Academy, we have
a faces of the See Experiments on the common Fife Lead,
mide by M. Des Lander white in Engistiest, and which he
thanks here drug for the Experiments are thought and one of the
lie the Momeirs of the Frence Reyal Academy, we have
a faces of the Experiments on the common Fife Lead
mide by M. Des Lander white in Engistest, and which he
has he we drug for the Engistest and the See the
in a Visio of Water, the Mixture became quite helds; he
keeping in expect for the Air in a Window, during a cold
Winter Wight; in the Morning Iwas found frozen, and comunt be, that he Forth had differency for Supharar of the
Cold: the one would little expect fast has Briffel from it.
ads), From as Infinited or Engister in Ernelly, mid chair
ads), From as Infinited or Engister in Ernelly, mid what
and, by the Color become perfectly five and fort 3 and gives a

Ion Films, artics a back Traduct, which beginners in quantity that the property of the propert

ears grey from Ore, call'd Rubble Prop-flone: the Table Bass. Then, 5°, comes a coarfe four of Cost, call'd Foot-Cost; s black brittle Bats oft, the Heather Cost; 7th, a Subflance like coarfe Cost; 5th call'd a Bat, because it does not burn well: And 8th, Bench-Cost.

Small-Coat is prepar'd from the Spray, and Brush Wood, stripp'd off from the Branches of Coppice Wood; some-times bound in Bavins for that purpose, and sometimes prepar'd without binding.

pard without binding.

The Wood they difpole on a level Floor, and fetting a Portion of it on fire, throw on more and more, as fall as it kindles; whence affects a field based based with a feel was been the bears that was near the Flace. As from as all the Wood is thrown on, they call Water on the Heap, from a large Dlife, or 80009; and thus keep plying the Heap of glowing Gods, which for the Yary of the Fire, while with a Rake they lyreed it open. and turn it with Shovels till so more Fire appears.

and turn it with Shovels till oo more Fire appears. When cold, they are put up into Sacks for tile. Chin-coat. (see its Preparation under Charcoat. COALTHOS, the reunion, or growing together of Parts before feparated. In this Senie, the Word is us'd both in a Windowski March Same

COASTING, the friending of powering specialists of the Phylical and a More Island.

COAST, a Sea-Brow, or the Country adjaining to the Coasting of the Coastin

TRANSPEANTING COAT of Arms, in Heraldry, a Cloke, or Habit bore by the antient Knights over their Arms, both in War, and at Tournaments; and still bore by the Heralds at Arms. See

Tournaments 3 and titul bore by the Heraids at Arms. See Amass, HERAID, \$5c.

It was a kind of Jacket, reaching only as low as the Na-rel; open at the Sides, with thort Siceves; fometimes furr'd with Ermins and Vair, whereon were apply'd the Ar-mories of the Knight, embroider'd in Gold and Silver, ack canamell'd with Colours of bearen Tin, colour'd black, green, red, and blue : whence the Rule, never to apply Colour on Colour, nor Metal on Metal.

The Cost of Arms were frequently open, and diverfify'd with Binds and Filless of fereral Colours, attenuately placed, as we full foo Colours for the secret of the ference of the colours Cross Sic

Gnoss, &c.

Costs of Arms, and Banners, were never allow'd to be
yorn by any but Knights, and antient Nobles. See Forward

CHEON, U.C.

COAY of Mail, or Jacquet de Mail, a kind of Armour
made in form of a Shirt; confifting of Iron Rings wore to-

made in form of a Si sether. See Matr.

gether. See Mair.
Coar, is Assemy. See Twite.
COBAIT, in Natural Hilbery, a kind of Natural Cadmils, out of which is drawn Biamuth, Arfeinie, and Smalt.
See Cadmirs, Brandyrs, Assence, &c.
Goods whell contains a little Silver. There are various
Mines of Cobbut, effectally in Sussepy; fome in France and

COCCIFEROUS, in Botsny, fuch Plants, or Trees, as

COCCIFERQUES, in Botany, fach Plants, or Trees, as bear Berties. See BERRY. COCCIGIS, or COCCÆ OS, in Anatomy, a Bone joind to the Extremity of the Os Serzums; composed of three or four Bones, whereof the lower is fall lefs than the apper, till the last ends in a fmall Cartilage. It refembles a little Tail turned inwards; or rather, as

It refembles a little Trill timed inwards to rather, as fore imagine, the Beack of a Cackow a shoree the Name. In Ufe is to faithin the first Ger: It yields to the Pretiere Review of the Cackow and the Western State of the Cackow and the Western State of the Cackow and the Western State of the Cackow and the Cackow and

Bacce Pifestorie, Fifbers Berrie

Bacco Pijeawie, Fithers Berries.
COCHINEAL, or COCHENEAL, a Drag and by the
Dyen, &c. for giving red Colours, elpecially Grimfons, and
Scariets. See Ren, Bearley, Berties, Berties, and
It is brought from the Well Indies: but Authors are dithied as to in Nature; from exting it to be a kind of Worm,
and others the Grain of a Tree. F. Pilmirer, the Minime, a
colborated Bearuffl, has maintained the farmer Opinion, and Pomer the latter.

Fomor the latter.

It may perhaps be field, that they are both equally diffinate from the levels in the Defențition they have given of Gestions and sonder a Grain. The Opinion is founded on the Amount given by Tomplers, who gives a precifi Defeription of Opinion yet proposition of each is a fide of the Amount given by Tomplers, who gives a precifi Defeription of Opinion yet proposition of each is a fide over "The Gebruard Horns, it un latted imposed in a Francisconding a Poer: The Simol which bean it is five or fix

refembling a Pear: The Shrub which bears it is five or fix Foot high. A-top of the Fruit grows a red Flower, which when mature falls on the Fruit; and that opening, difco-vers a Cleft two or three Inches in Dismeter. The Fruit then appears fall of little red Infects, having Wiogs of a furprizing fmallnefs, and which would die and rot there, if

not taken out.

'The Indianat, therefore, firending Cloth maker the Tree, thake it with Poles, till the Indicks are faced to quit their than the Indianate of India

Touns, as the Natives call it, about Gustimals, Chepe, and Guesses, in the Kingdom of Mexico.

Guessiac, in the Kingdom of Mexico. Cachineal Grain, or, as Denagier calls it, Sylvafferis, is a red Berry, growing in America, found in a Frait refembling that of the Cachineal Teco, or Tonna. The first Shoots produce a yellow Flower; then comes the Frait, which is long, and when five open with a Cleft of three or four In-Body and the proposed of the Company of the Company that is fall of Flippins, or Grains, which fall on the least Agrants, and which the Industry these are to get-tical. Excellent of the Company of the Company of the Excellent of the Company of the Compan ther. Eight or ten of these Fruits may yield about an

Ounce of Grain.

This Berry yields a Dye almost as beautiful as that of the Infect; and a Person may be easily deceived in them: the first is much lefs effected. See Drune.

Ceclvineal is sa'd in Medicine as an Alexipharmic, tending International Section of the Conference of the Co

to promote Sweating, and also as a Cordial.

COCHLEA, in Mechanicks, one of the five mechanical

COUNTERA, IN DECREMENTS, One of the are incusional Powers; otherwise called the Serew. See Sea zw. It is thus call'd, from the refemblance a Serew bears to the fipral Shell of a Statil, which the Latint call Gebbias. Comman, in Anatomy, is the laft Canal, or Cavity of the Ear; thus call'd from its helical Form. See Ear.

The Cachine is divided into two Parts, the upper, and tower, by a this, first Lemine; of which the Part next he Axis is bony, five attempts, which is the court Shell, membranes; appearing to be divided and ones Shell, membranes; appearing to be divided and the court Shell, membranes; appearing to be divided and the court Shell, membranes; appearing to be divided and the court of the Particular this is navore than that, eight now that the Arman and the lower time the Particular this is navore than that eight and the short four Lines in California, which was the Balls it did is boot four Lines in the Shell it did is boot four Lines in the Shell it did is boot four Lines in the Shell it did is short four Lines in the Shell it did is short four Lines in the Shell it did is short four Lines in the Shell it did is short four Lines in the Shell it did in Short four Lines in the Shell it did in Short four Lines in the Shell it did in Short four Lines in the Shell it did in the Sh

a Line wase; and the mans it left is about four Lines in Diameter. See Hearino. COCK of a Diel, the Pin, Style, or Gnomon. See Diate STYLE, and Gnomon.

STITE, and GNOMEN.
COCKET, a Scal belonging to the King's Cufforn-house.
See Shat, gife.
Cocker is also a Scoll of Parchment, fealed and deliver'd by the Officers of the Cufforn-house to the Merchant, upon entering their Goods, certifying that the Goods were

on entering their Good

caldoned. See Currous.

The fame Word is also used in the Streutes of Bread and Ale, 15 Hen. III. where there is mentioned Cocket Bread, among feveral other Kinds: It feems to have been hard Sea-Bifter, which perhaps had then fome Cocket, Mark, or Socal, or eile was so called from its being designed for the nie of the Cockfingins, or Scamen.

COCK I.E. Stairs, See STAIRS.

COCKING-CLOTH, 2 Device for the catching of Pheanee withol

firsts with:

It confits of a piece of eastfe Clavvas, about an Ell fuyare, dippd in a Tan fit to colors it; and kept fretch? by two Socks, pieced forem content or coner, digmand-wise. a Hole colors, pieced from content or coner, digmand-wise. I will be supported by the content of the colors of

COCKPIT, a fort of Theatre, whereon Game-Cocks fight their Ban

their Battes.

The Cook-Pir is ninally a House, or Hovel cover'd over:
They fight on the Clod, or green Sod; which is generally
mark'd out round, and incompased with Sects, one above

The Cock-Pay Louis, are principally these: When C The Cock-Fit Least, are principally these: when Cock-are fet, none to be on the Sod but the two Setters. When the Cocks are fet Beak to Beak in the middle of the God, and there left by the Setters, if the fet Cock do nor fittle. and there left by the Setters, if the for Cock do not thitle in conting twenty, and fix times ten, and twenty after all, the Battel is told: but if he do fittle, the Battel is to begin again, and they mail count sign. If any offer a Mark to a Grout, or 40 to 1, and the Wager he taken, the Cock must be fer, and they are to fight it out. Done, and done, is a finitionar Bot, or Wager, when the Cocks are cell on

Cock-Pir, in a Man of War, is a Place on the lower Floor. COCK-FIT, ms A Man or War, is a Fasce on the sower rivor, or Deck, shoft the main Capitan, lying between the Pist-form and the Steward's Room; where are Subdivisions or Partitions for the Parict, the Surgeon, and his Marce.

COCK-ROAD, a Contrivance for the taking of Wood-

meks

cocks.

As that Bird lies close by day, under fome Hedge, or near the Roor of an old Tree, to peck for Worms under dry Leaves, and will fearer fite out, unless diffurly d, as not forward the Eventual Leaves, and will farec fir out, miled diffurlyd, as not fee-ing his way fo well in the Morning; toward the Evening he takes Wing, to feek for Water, skiping generally low, and when he finds any therowhere in a Wood venures theo it. To take 'em, therefore, they plant Nets in fuch Places; or, for water of finch Places ready to their hands, they cut Rands they Woods, Thickets, Groves, Ed.

Reass thro Woods, Thickets, Groves, &c.

These Roads they usually make 35 or 40 Foot broad, perfectly strait and clear; and to two opposite Trees they rie
the Net, which has a Stone fastered to each corner. Then, the Net, which has a Stone sattered to each corner. I near, having a Stand, or Place to lie concera? In, at a proper distance, with a Stake near the fame, to failen the Lines of the Net to: when they perceive the Game flying up the Road, they unwind the Lines from off the Stake; upon which, the Stones drawing it down, the Birds are intang in the fame.

in the lame.

COCK-SWAIN, or COCKSON, is an Officer on board
a Man of War, who hath the care of the Barge, or Sloop,
and all things belonging to it; to be always ready with his
Boat's Gazg, or Crow, and to Man the Boat on all Occa-

He fits in the Stern of the Boat, and fleers; and bath a flic to call and encourage his Men.

Whitle to call and encourage his Men.

ODODA, or more juilty CACAO, the Nat whole Kernel

yields the Chocoliste. See Cacao, and Cucocaxxx.

The Chocoliste. See Cacao, and Cucocaxxx.

The Cacao Commission of the National Shellis

The Caca Tree, which the Madebers call Tengs, is first.

The Caca Tree, which the Madebers call Tengs, is first Fistor

high: In Wood is too freegious to be used in Carpenty.

Ason it beam evolved Lextree, the Foot long, and half Foot

broad

broad, us'd in the covering of Hoafes, making Matta, &c. Above the Leaves is form'd a large Bud, in form of a Cab-bage, excellent to cat; but the taking it off is mortal to the

Tree.

Between the Leaves and the Top are feveral Suckers, of
the thickness of the Arm 3 which, when cut, diffit a white,
facet, agrecasie Liquor, terving as a Wine, and intoxicaing: 14 becomes acid if kept a few Hours; and at the eng: It becomes and if kept a few rouns; and as fur-a4 Hours is converted into a firong Vinegar; and is fur-ser prepar'd into Brandy. While this Liquor diffile, the

of at Homas a conversed into a frienge Vinegar, and is bet-ther perguid in Broady. While Indicates and it bet-ther perguid in Broady. While Indicates are the grow, the pass forth a large Gulfer, or Banch, wherein the Core-While they are yet news, and, the second in the Core-While they are yet news, and, the second in the Core-While they are yet news, and, the way to be a fine-tic of the second in the core of the Core of the Core of the State. The core of the Core of the State of the State

The Cocos of the Antilles, are not fo large as those of the East-Indies, Africa, and Arabia; the Trees feldom ex-ceed as Foot in beight; and the Fruits in proportion: 'Tis

there are used among us.

In the Kingdom of Siam, the Coco's Fruit, dried and empired of its Pulp, ferves as a Mcasure, both for things liquid and dry. See Measure.

quat and try. See Measure.

As the Freits are not all of 'the fame Capacity, hut are fome larger, others left; their content is first measure with Cauris, those little Maddeves Shells, which ferevas small Money in feveral States of the Indies. Some Cocci

uman avoney in reveral States of the Indies. Some Goest contain 1000 Courts, others 500, &c. COCTION, a general Name for all Alteration made in Bodies, by the approach of Fire, or Heat. See Hear.

The greatest Secret in Chymistry is to manage the Collina aright; to give the Fire to advantage. There are various Species of Cottions; as Meturation, Fritton, Elization, Affairon, Torrefattion, and Uftion; which fee in their Places, Maturation, Frietion, &c.

fee also Concoction.

fee also Concortion.

COD-Fighter, See Cad-Fishnan.
CODE, CODEX, a Collection of the Laws and Conflictions of the Roman Emperon; made by order of fighthiate.

It is comprised in twelve Books, which make the feecond
Part of the Civil, or Roman Law. See Civil-Laws.

There were feveral other Cades before the Time of fighthiate.

nian; all of them Collections, or Abridgments of the Roman Laws. Gregory and Hermogenest, two Lawyers, made each a Collection of this kind, called from their Names the Gregorian Code and Hermogenean Code. These included the Comgarian Code and Hermogenian Code. I need include the Code Hitutions of the Emperors from Adrian, to Dioclefan and Maximin, A. D. 306. We have nothing remaining of 'em but a few Fragments: the Work falling to the ground, for want of Authority to put it in Executi

want of Authority to put it in Execution.
Treadplist the Younger was the fift Runke, form of the Mark Treadplist the Younger was the fift Runke, form and of the Conflicture of the Conf

lifth it is a better Condition than ever. Gothefrid has given us a Comment on the Theodofian Code ; a Work which cost

him 30 seast.
In 306, Allerick King of the Gelbs, made a new Collection of the Roman Laws, taken from the three former Codes, the Gregorian, Hermogenian, and Theodoffan, which he likewife published under the Title of the Theodoffan Code.
This Code of Allerick continued a long time in force; and

This Code of Marrick continued a long time in face; and said the Raman Law received him Prieste. Authority of Lattly, the Empsecy Figliation, Indiang the Authority of Lattly, the Empsecy Figliation, Indiang the Wife, used to the Decline of the Employ, Follow to make a general collection of the whole Raman Jurifrendence. The Manager of the Wife of the Wife of the Wife Code of the Marrier of the Marrier of the Wife Code.

A dries to his own Time; and published his Work in 58, the Wife Code.

der me Title of the New Code.

But because "Affirmian had made feveral new Decifions,
which made foune Alteration in the antient Jurifipandence of
he retrench'd form of the Codifications inferred by Tiribusianns, and added his own in their Place: on which account,
he publish'd a new Edition of the Code in 534, and abrogated the former.

ted the former.

This Code of Juffinian, as well as the reft of the Roman
Law, was a long time loft in the Weft, till the Time of
Lawlarins II. who found it at the taking of Melbins, and
gave it to the City of Pife. This was first re-published by

The Emperor Frederic, at the Requeil of the Univen-ties, appointed it to be taught in the Schools; and com-mented all the information and fill obtains in a Bast of France, particularly the Southern Provinces. The Word comes from the Lant Codes, a paper Book, fo called a Coderibus or Conductual arboram, the Trusk of Trees; the East, whereoth being flipped of, fired the

Antients to write their Books on

nuteus to write their Hooks ou.

There have been various other later Codes, particularly of
the antient Gethic, and fince of the French Kings, as the
Code of Enricks, the Code Michaelt, Code Louis, Code Maran, Code Henry, Code Marchand, Code det Faux.

ren, Cade Henry, Code Marchand, Cade des Faux.
Cone of Canonis, Conex Canonis.
CODIA, in Becany, is used for the Top, or Head of any
Plant; but, by way of eminence, for that of a fort of Popyy
whence the Syrup made therewith is called Discodium, iron whence the syrup made therewith is cause Diacontum, from Jia, cum, with, and xudia, the Poppy head. See Dracontum. CODICIL, a Schedule, or Supplement to a Will, or other Writing. See Schedule, whiting. See Schedule, whiting See Schedule, white, &c. It is and as an Addition to a Testament, when any thing

It is un'd as an Addition to a Tethament, when any thing is omitted which the Tethano would add, explain, after or retract; and is of the fame Nature as a Tethament, but that it is without an Heli or Executor. So that a Coderil is a lefs folcom Will of one that dies cl.

ther Testate or Intestate, without the Appointment of as Heir: Testate, when he that hath made his Codicil, hash Heir: Tethar, when he that both made his Colod's, but, either before or afterwards and his [Gettmenn, on which that Colod's days and the color days of the which it refers. Inculture, when one levers behind him only a Cold's tubbut a Tethinuse, wherein he gives Legacies only to be pidd by the Heir at Leuw, and not by an Heir indirected by Will, or Tethinuse, A Colod's, as well as a Will, may be either Written or Montaphany. Some Authors call Tethinusent, a great Mill, and Coldisis, a little occa and compare Tethinusent to a Sili, and Coldisis, a little occa and compare Tethinusent to a Sili, and Colorid to the behavior of Miller and Colorida to the Co But there is this further difference hetween a Codicil and

a Testament; that a Codicil cannot contain the institution of an Heir; and that in a Codicil, a Man is not oblig'd to observe strictly all the Formalities prescrib'd by Law for solonn Tes-

taments.

In Cultomary Countries, Teflaments, properly speaking, are no more than Cadicils; in regard, Cultom it felf name the Heir, and does not allow of Teflamentory Inheritors.

Codicils were first brought into use in the Time of August Codicils were first brought into the in the Time of Angel tust, by L. Lentulus: They were originally intended to fel-low the Telfament; which was, as it were, their Bass In process of time, Colectic came to have their effect, even the made before the Telfament; provided there was se-thing in the Telfament contrary to the Codicil.

People were also allow'd to make Codicils without Tella-

ments. July has a Book which be cult of the California when he would be the California to the California Section the Section the Section the Patients the Section the Patients and Section the Patients and Section the Patients and Section the Section that the California the Cal

Its use in Adults is very obscure: In a Parns, or Insim newly hom, it appears to serve as a Receptacle for the Fasts during such time as the Animal does not discharge by Stool. Dr. Gliffon imagines it may likewife ferve in fuch Animals as have it large, as Dogs, Conies, Rats, &c. for a kind of fecond Ventricke, or Bag, wherein the prepar'd Aliment may be retain'd, white a richer and more nutritious Juice is drawn from the fame

Others will have it contain a Ferment; and others the Flatuofity of the Intellines: Laftly, others fancy it may fe parate a Humor, by fome Glands placed therein, wherewish to harden the Exercments as they pass thro' the Coloa. So:

io harden the Excrements as they just have the Colon. See Excellent 1997, and the Colon See Excellent 1997, and the Excellent 1997, and the Excellent 1997, and the Excellent 1997, and the Colon See Excellent 19

was, the Rechangle, or Product e b is formed. If a Lenter have no Number periods d, it is always imposed to brave a General process. The state of th

and where the forced Term is these reacting, it is a Sign that the Quantities under contrave flow we were in The Co-efficient of the third Term is the Agamest of all the Rechargels arising by the Malinghanic ori every wear of the Roses, how many ways forever their Combinations of Throk can be had as three times in Cobin, the is an Biquadratic Signation, Signature, and the State that the Combination of The Co-efficient of the fourth Term, is the Agreement of all the Sulfa, made by the continual Malinghicities or every shore at the 10 may be of this force fine 3 Termany on the force fine 1 Termany on the

three of the Roots, how often foever fach a Ternary can be had a sa there may be four in a Biquadratic, see in an Equation of five Dimentions, St. And thus it will goo in infinitely. COFLESTIAL Observations, are Observations of the Phenomena of the Heavenly Bodies, made with a proper Apparatus of Astronomical Instruments, in order to the determining their Places, Motions, Platfe, Sc. Sec Observations

on.

The Inftruments chiefly used in Calestial Observation

The Inframents chiefly afed in Caleffiel Observations, are the Aftrenomical Bomono, Quadent, Micrometer, and Telescope; eith of whith see under its proper Head, Quanta, Micrometer, and Telescope, Gnorous, esc. Districtions in the Day-time are cally, in regard the cross Haits in the Feens of the Object Glass of the Telescope are then diffindly perceivable: in the Night, those cross Hairs are to be illumined to make them visible

This Illumination is either perform'd by a Candle, placed abliquely near 'em, so as the Smeke don't intercept the Rays; obliquety near 'em, to as the Simoke don't intercept the Rays; or where this is inconvenient, by making an Aperture in the Tube of the Telefope, near the Focus of the Object-Giafs, thro' which a Candle is apply'd to illamine the crofs Haiss.

thro which a Candle is apply a to illamine the croft Hairs. M. de la Hire has made an Improvement on the fift! Method, which renders it of very good afe; and it is by covering that end of the Tale near the Object Glafs with a piece of Gaufe, or fine white filter Cape. For in Sach 216, a Link, placed at a good diffance from the Tabe, 6 on the Righten the Gaufe, so to render the croft Hairs very per-lighten the Gaufe, so to render the croft Hairs very per-

Observations of the Sun, are not to be made without placing a Glafs, finoled in the Flame of a Lamp or Candle, between the Telescope and the Eye; to take off from its Lustre, which would otherwise confound and damage the Eye, were

which would otherwise contound and damage the Eye, were not a good part of its Beams intercepted.

Note, When any of the Heavenly Bodies are observed thro' a Telescope of only two Ginffer, they appear inverted. Cateffiel Objects are in the Mendeim. See Miranton and the when the Objects are in the Mendeim. See Miranton and

The other, when in Vertical Circles. See Vertical Circ

COELIAC Artery, the first Artery, detach'd from the defending Tunk of the Aoria into the Abdomen. See AORIA, ARTERY, &c.

defending Trust of the Antra into the Abdonen. See Antra in a trust of the Antra in the California which goes to the California which are the Antra in the Antra in

Ports.

The left Branch of the Calisca gives the Gaftries dextra, The left Branch of the Casteria gives the Gastries dextra, which is allo spread upon the Stomach; the Epiphis Staiffra to the Omestum; and the Splenies to the Subtance of the Spleen. See each Branch describ'd in its Place.

Conning Vein, is that which runs thro the Intestinues See RECTUM. COELIACA, or Culliac Passion, or Affection, is a fort of Diarrhes, or Flux of the Belly; wherein the Chyle, or nutritious part of the Food is evacuated by Stool, instead of

Sco Feex, and Diagrama.

Exementin, Seo Few, and Diamaria.
Anhen frequenty confined the Calines with the Lienter, but they are different. See Leisverary.

The they are different. See Leisverary.

The Confined With Confined With Confined Vines.

When the College partie of along with, or instead of Urine. See Diamyrea.

OGLIUM. See Diamyrea.

OGLIUM. See Diamyrea.

See Diamyrea.

OGLIUM. See Diamyrea.

OGLIUM. See Diamyrea.

OGLIUM. See Diamyrea.

OGLIUM. See Diamyrea.

Eye toward the Angles, or Cantho. See EYE, CANTHEN, &C. COENOBITE. See CENOSITE.

COENOTAPHIUM, or rather CENOTAPHIUM, in Antiquity, an cupty Tomb, or Monument cocked in honour of fome illustrious Defunct; who perfitting by Shipwingk, in Bartel, or the like, his Body could not be found, to be interred or deposited in the fame. See Towas, and St. PDLCHER.

POLEURA.

Cardinal Noris has feveral express Differentions on the Camusaphia of the Cardina Lucius, which fill remain at Phis. See Punkara.

The Word is Greek, compounded of surbs, cumpty, and ress, Cambillage. Sepulcher.

COEOUALITY, a Term expressing the Relation of E-

CONQUINEITY, a Term expressing the Relation of E-ushry between two things. See Equative. The Retaines to S. Aubanafine's Doctrine of the Trinity.

The Retaines to S. Attanajus's Doctrine of the 'I hold the Son and Holy Spirit evenual with the Father. nold use Son and Holy Sparit everguat with the Farher. The Arians, &c., deny the Cocquality. See Arian, &c., COPTERNITY, is used among Divines, to denote the Eternity of one Being equal to that of another. See Ever-

The Orthodox haid the second and third Persons in the The Orthodox haid the second and turn a c Trinity operand with the first. See Trinity.

Triaty external with the first. See Trinity. COEUR, in Heraldry. Party en Coeur, fignifies a finer Line of Pertitions in Fale, in the Centre of the Ecuathon, which extends but a listle way, much flour of Top and Bottom 3 being much by other Lines, which form an irregular Partition of the Efunctions.

Fartition of the Efentcheon.

CO-EXISTENCE, a Term of Relation, denoting two, or more Things, to exift together at the fame time, &c. See

COFFEE, in Natural History, a Seed, or Berry, brought om Arabia felix; uled for the making a Drink of the fame Name

Name. That from the Lenser is most effected, being governer, heavier, and appearing riper and plaumer than that from Alberts which is sizege, tighter, and whiter. For offer-Berries, from futilities Peas, Beans, Rye, and Barley, which roulled, yield an oily Matter, refembling in Flavour, but left agreeable, as well as in much left quantity than Office.

than Office.

COPPLE is also a Kind of Drink, prepared from these Berties; very familiar in Europe for these 60 Years, and among the Turks for above an bundred.

the Timit for above an hundred.

Its Original is not well known; some afteribe it to the Prior
of a Monaltery, who being informed by a Goutherd, that his
Cartel fornetimes browning on the Tree, would wake and
eaper all Nights became enriches to prove its Virue: accordingly, he first try'd it on his Monks, to prevent their sleep-

at Matins.

Others, from Schehaleddin, refer the Invention of Coffee Others, from Schehaleddin, refer the Invention of Edges to the Perfilars; from whom it was learn in the XVth Cantary by Gauselledon, Mafti of Aden, a City near the Mouth or the Red Set; and who having tried its Viruses binsfelf, and found that it dislipated the Fames which opbinnfelf, and found that it diffipated the Fames which op-prelied the Head, infpir'd Joy, open'd the Bowels, and pre-vented Siccp, without being incommeded by it; recommend-ed it furl to his Dervilles; with whom he us'd to frend the ed is fact to his Derviles; with whom we used to specific Night in prayer.

Their Eximple brought Leffer into vegue at Adm: The Profession of the Law, for Stardy, Artifans to work, Travellers to walk in the Night; in fine, every body at Adm drank

Hence it pass'd to Mecca, where first the Devotees, then the rest of the People took it. From Arabia felix it pass'd to Caire.

In 1511, Khaie Bog prohibited it, from a Persuasion that it inchriared, and that it inclin'd to Things forbidden. But Sultan Cause immediately after rock off the Prohibition, and

Saltan Caniforianne distribution, and Coffice advanced from Egypt to Syria and Conflatationly.

The Dervike decisim d against it from the Alexan, which decisies that Coal is not of the number of Things created by God for Food. Accordingly, the Muffit ordered the Coffice Houses to be finat; shart his Succeifor, declaring Coffice no.

Under the room. Instantion of Security Coffee on the Cost, they we expect again.

Design the War in Gandar, the Affemblies of Nordinon-Design the War in Gandar, the Affemblies of Nordinon-Copyril (appendix the Cost) Visited Copyril (appendix the Cost) visited Copyril (appendix the Cost) which we can be considered to the Cost of the Cost of

and introduced the Drink among us. The tome tay Dr. Har-cey had and it before.

The Word Coffee is originally drelate: the Turks pro-nounce it Coherch, and the drelat Coherant's which tome Au-thors maintain to be a general Name fire any thing that takes away the Appetite: others for any thing that promotes Ap-petite; and others, again, for any thing that gives formagin

The Malometans, 'tis observ'd, diffingulfit three Kinds of Cabouab; the first is Winc, or any Liquor that inchristes; the second is made of the Pods that contain the Coffee Berry; this they call the Sultane's Coffee, from their having first in-troduc'd it, on account of its heating less than the Berry, as well as its keeping the Bowls open; the third is that made with the Berry, as well as its keeping the Bowls open; the third is that made with the Berry it felf; which alone is us'd in Europe, the Pods being found improper for Transfortation. Some Burness who imported the Pods, call'd them the Flower of the Coffee Tree.

Coffee 'tree.

The deep brown Colour of the Liquer, occasion'd its being first call'd *Syrup of the Indian Matherry*; under which specieus Name it shell gain'd ground in *Burope*.

The

The

The Preparation of Ciffee consists in reafting, or giving it a just Digree of Torrefaction, on an earther, or metalline Plate, till it have acquired a brownish hue, equally deep on all Pine, till faste acquird's howafth hae, equily deepon all Schar. This they quant in Mill, armost as ferrest the prefette occinion. A poper quantity of Water is near boild, and they goard Grige par int. After it has boild difficiently, the sken from the Eire; and the Decoltion having flood a white on future and sinc, they poss, or decant it im Diffice. The Calton is to drink Grife as hot as possible, with De-grif, the hier Virtu dost results themselves to use this hierarchy with any Sugar; their Grandel with its couple of a though all the state of the state

Cioves; orhers a little Indian Anife; others Cacculeb, or

Covers; orners a strice Issues James; cardia Carbiners, or the Grain of the Cardenum missus. Ciffee is one of the Necessaries the Turks are oblig'd to

furnish their Wives withal.

frauch their Wives within.

The ordinary Michodo frontling Coffee zeroes us in in 2 for cylindrical Box, full of Hodes, and all the theories are a cylindrical Box, full of Hodes, which Hourth, wherein is a large of Chrocol Fire z By belog of a Jack, the Spit trans Folking, and for routin y holing now and then taken up to be flatform. When the complete has now Receivers, much with large Hodes, whole buttoms are I con Piates, their flutter into z There the Coffee in flatform, which was the contract of the c

oily, 'tis a Sign 'tis well dune.

Coffic is taken with very different, nay frequently with directly opposite Intentions; some use it to prevent Sleep,

others to promote Digestion, &

Its more real Virtues, own'd by the Physicians, confist in Its more real Virues, own'd by the Physicians, confit in this; that being an excellent Dryer, it carries off Funcs and Diforders of the Head ariting from roo much moisture, diffipates Megrims, and abforbs Acrimonies of the Stomach, whence its use after a Debauch of throng Liquors; and hence also its use in promoting watching, by bracing the Fibres, and rendering em too tenie for the Relaxation requir d in Steep.

It likewife promotes Circulation, but fuch best with People

and reduces the three for the contract when the first with People of a perry corputent Idah's 1 king from hardin who with key, it is a first three for the contract to the first three for the contract to the first three for the contract to the first three for the contract three for the contract three for the contract three for the contract three for the first three first three for the first three for the first three for the first three first three first three for the first three fir

by the Retort, this, as well as that, contains volatile Prin-ciples, both faline and fulphureous.

of the Cotor, that, and the Mixture of its Cotor, the cotor, that it is not the Diffusion of its Salts, and the Mixture of its Salts are the Diffusion of its Salts, and the Mixture of its Salts are its cotor in the Cotor of th

when the a fried Meals.

Hence all of the remeanthen in the Blood, ferviceable to compilate People's bence allo in districtly Viruse. By Experience '16 instead of ferrite tending a Calls of Warth September 10 instead of ferrite tending a Calls of Warth September 10 instead of the Cacam, to exclude this September 10 instead of the Cacam, to exclude this September 10 instead of the Cacam, to exclude this September 10 instead of the Cacam to exclude the September 10 instead of the Cacam the Life tending the Cacam the Cacam the Life tending the Cacam the

found in Provinces formerly the best peopled.

habitants sound in Frovinces retrievely the best people.

But this Opinion is refuted by Du Four.

F. Mallebranch gave the Royal Academy of Sciences an Account of a Perion cur'd of an Apoplexy, by giving him

Account of a Ferion car'd of an Apoplexy, by giving him forced Cylines of Giffe. the Giffe, is a Kind of Arisber Life (Fig. 1). a Kind of Arisber Life (Fig. 1). a Kind of Arisber Life (Fig. 1) a Kind of Arisber Life (Fig. 1) and the Arisber Life

Corren, in Fortification, is an hollow Lodgment, athwat
a dry Moat, from fix to feven Foot deep, and from fixteen to
eightneen Foot broad; the upper Part being made of puer
eightneen Foot broad; the opper Part being made of puer
of Timber rais'd two Foot above the Level of the Money
that the Manufer laden with Farrh and which little Elevation has Hurdles laden with Earth for overing; and ferves as a Parapet, with Embralures.

The Besieved generally make use of these Coffers to me The Benegat generally make the or there of the pulle the Benegars, when they endeavour to pals the Ditch.

"Tis nearly the fame thing with a Caponiere, abating that
this last is formetimes made beyond the CounterCarp on the this laft is fornetimes made beyond the Counterfearp on the Glacia, and the Coffer always in the Moat, taking up baif its breadth. See Caronieurs. It differs from the Traverfe, and Gallery, in that these latter are made by the Bessegers, and the Coffer by the Be-

ratter are made by the Dengers, and the coffer by the Be-fieged. See Gallary, &c.

To fave themfelves from the Fire of these Ceffers, the Be-fiegers throw up the Farth on that side rowards the Ceffer

fiegers throw up the Harth on that fide rowards the Coffee. COFFERER of the King's Houftleth', a principal Office in the Court, next under the Comproler; who, in the Coun-ing-Houfe, and elicwhere at other times, has a special Charge and Overfight of other Officers of the Houfe, for their good and Overlight of other Ufficers of the Hoofe, for their god Demember and Carriage in their Offices: to all whom he pays the Wages. See HOUSHOLD, CONSTITUTE Houfe, &c. COGCESHAI'S Stating Rule, an Influence wid in Gaging, fo called from its Inventor: See its Defetition and Ufe under SULING Rule.

COGITATION, the Act or Operation of Thinking, Ste

COGNATION, in the Civil Law, the Bond of Relation between all the Defeendents from the fame Stock, both Males and Females: by which it is diffinguished from Jenstion, which only comprehends the Descendents in the Mile See AGNATION In France, for the Succession to the Crown they follow A

In France, for the Succetion to the Crown they follow & maising in England, Spring &c. Cognation, Women coming to the Succetion, a cording to the degree of Proximity, in default of Male, or their Dickendents from Enach to Heach, In the Roman Law, the Words Cognatio and Cognatian taken in a more limited Senie; Cognatio fignifying only the Bond of Relation between the Descendents from the same Bond of Relation between the Determines from the same Stock on the Woman's fide; and Cogneti those between whom there was such a Bond of Relation subfifting. COGNIZANCE, or COGNISANCE, in Heraldry, See

COUNTRANCE, in Law, is the Acknowledgment of a Fine, or Confession of a thing done. In this Senie, we say, Og-

The Word is also used for a Power or Jurisdiction: Thus, Cognizance of Pleas, is an Ability to call a Plea out of ansther Court; which no one but the King can do, unless he can fnew a particular Charter for it.

Sometimes it is used for an Audience, or hearing of a Mat-

Sometimes it and to an attacker, or heating to a state to indically; as, to take Cognitance.

Coonteance, again, is uled for a Badge on a Waterman, or Servingman's Sleeve, which is commonly the Giver's Creft, whereby he is differend to belong to this or that No bleman, or Gentleman.

COGNISOR, or CONNUSOR, is he that passet, or acknowledgeth a Fine of Lands and Tenements to another.

See Coonizance

COHABITATION, implies a Concubinage, Copulation, or Carnal Knowledge between two Perfons: but 'tis rarely used except in a criminal Sense. See Concursing. CO-HEIR, a Perfen who fhares an Inheritance or Eflate

with another. See Hx1R.

COHERENCE, a School-Term, applied to Proposition,
Difcourfes, &c. which have a Connection or Dependence

on one another

on one another.

COHESION, or COHESION, in Physicls, the Aftime whereby the Pirticles, up internary Corpulicies wherein attauted Practices and the Pirticles, and inches produced wherein the another particles and their configuration, and the Aftigue, or Backles. See Panvierre, Borry, Efe.

The Could of the Action flow, or the Norma Mattern, and the Aftigue, and

cles flouid come ful joind and combind into little Spleness, and how they flouid come to perfeve in that State of Ulinon, is a Point of the mind difficulty, and even of the most. The most popular Opilania, is that for fermously defended by J. Bermulli, the gravatte Ethyrits who account for the Coloffino of the Parts of Matree, from the uniform Feef func of the Atmosphere's confirming this Doctrine from the confirmence of two pollth drawful Planes, published the Coloffino of the Atmosphere's confirming this Doctrine from the Coloffino of the Atmosphere confirming this Doctrine from the Coloffino of the Atmosphere is confirming this Doctrine from the Coloffino of the Atmosphere is confirming this Doctrine from the Coloffino of the Atmosphere is confirming this Doctrine from the Coloffino of the C known experiment of two points martie Planes; writes cohere very through in the open Air, but easily drop afunder in an exhausted Receiver.

But the this Theory might serve tolerably well to explain the Cabelian of Compositions, or greater Collections of Martines.

ter 3 yet it filis floor of accounting for that first Caloffer of the Alment, or primitive Corpticles, whereof the Corpticles of hard Bodies are compacted. Deletine of Caloffer hard Series and Alment deletran through the Caloffer hard Series and Alment deletran through the Caloffer hard Series and Alment and Series an

to me, that the rartices of Bodies cohere by an attractiver Force, whereby they tend manually toward each other: which Force, in the very point of Contact, is very great; at little Diffances is lefs; a little further diffance is quite

ar little Diffunces is left 5 a little further diffunce is quite infentible. See Arma Acrons.

Now if compound Bodies be 60 hard, as by Experience we find forme of 'cm to be, and yet have a great many hidden Pores within 'cm, and confill of Parts only lisit to gether; no doubt those finale Particles which have no Pores within 'cm, and which were never drivided into Parts.

Pere within 'm, and which were never divided into Part, and the vitily hander. See Mayrras.

** For fish hard Particles gathed into Mark, our Posting of the Particles gathed into Mark and therefore made fish force in required to ferer than the Particles. Particles, whole Parts touch throughout all rise's Surface, without any incremediate. Pears or Interceities. But how without any incremediate. Pears or Interceities. But how without any incremediate. Pears or Interceities. But how we find they do, it in tomoscivable, quality there have find they do, it in tomoscivable, quality there have find they do, it in tomoscivable, quality there have find they do, it is monacivable, quality there have find they do, it is monacivable, quality there have find they do, it is monacivable, quality there have find they do, "No monacivable quality to the particle and precide together."

**Now has finallied Particles of Maren my entire by the second

Now, the imaliest l'articles of Matter may colere by the strongest Attractions, and constitute larger; whose attractftrongeit Attractions, and confiture larger; whole armading Force is feebler a And, again, many of their larger Particles solvering, may conflicte others thill larger; whole attractive to the still weaker; and foo not prevent Sacctifions, till the Propertion cad in the biggeft Particles, till the Propertion cad in the biggeft Particles, on which the Operations in Chymriftry, and the Colours of Narual Bodies do depend; and which by cubirring compose Bodies of a fernible Magnitude. See Hainwass,

* pole Bodies of a tenable Magnitude. See HARDNESS, FLUIDITY, and FIRMNESS. The different Degrees of Cabelian, configure Bestian of

different Forms and Propert

different Forms and Properties.

Thus, the same great Author observes, that the Particles of Fluids which don teober too strongly, and are small enough to render 'em susceptible of those. Agitations which keep Liquors in a Fluor, are most easily separated and reached into Vapour, and make what the Chymith call Foliation Backing a render of the control of the contr

to Vayour, and make what the Chymith call Faintier Briefly, perfectly a support of the Chymith call Faintier Briefly, perfectly a support of the Chymith call for the Chymith cal

being carried out. See Circulation.
COHORT, Cobors, among the Romens, a Body of Infantry, confifting of five or fix hundred Men; answering in most

try, confiding of five or fix handred Men; answering in terreferch to our Entation.

The Colors was divided into three Manifett, or Companies; ste Manifet into two Centery let on an handred Men. See Manipurum, Cantum, 55.

The first Control on a Color was called "Printightar; and bose the Englis, or Standard of the Legion. See Paintight

A Legion confilted of fix Colores. See Lugron. A Legion connect of as Coloris. See Ligion.
When the Army was ranged in order of Battel, the Coloris were disposed in the following manner: The first Coloris took up the right of the first Line, as the Companies of Genucliers do in our Regiments; the reft followed in their manual Order: to that the third was in the Centre of the manual Outer: io that the third was in the Centre of the fift Line of the Legion, and the fifth on the left: the 6 coad between the first and third; and the fourth between the third and fifth. The five remaining Calvert found a fecond Line in their natural Order: Thus the fash was behind the fifth, and so of the ceft.

The first, third, and fifth Gabbrit were esteemed the best; at least 1 and 1 and

at least it appears to from the Posts they took up, which were look'd on by the Romans as the most important.

Marius was the first who divided the Roman Porces into

The Word properly figuifies the Aros, Yard, or Space

For the manner of engraving of the Coins; for ENGRA-TWO OF Steel

ING ON SITE!.

COSH is more generally and for a Piece of Merel, concerted into Money, by the imprefing of certain Marks or signess thereon. See MONEY.

Or, Column pub defind, a Species of Money, firnck with Hammer, or Mill. See Columns.

a Haimer, or Mill. See Conviews.
Hence, Gird differ from Allowy, as the Species does from
the Germa. Meacy is any Marzer, whether Meral, Wood,
which has the June, Fager, Fairly, Shells, Kernels, See
Addition as a particular Branch of Monite, wie, fach as are
able of Mens, J. Cold, Sieve, or Copper, and thruck accordmakes of Mens, J. Cold, Sieve, or Copper, and thruck accordil is obtered, under the Article Monars, that the precision
is the proper of the Copper of the Cop

Pris observe, anner the Article Montry, that the precise Epochs of the Invention of Money is nor known; it is too antient for our Annals: And if we might argue from the Necessity and Obviousiness of the Thing, must be nearly co-eral with the World.

eval with the World.

Whether Coins be of equal Antiquity, may admit of form doubte effectially as most of the autient Writers are fo frequent and expects to their mention of Leather Monies, Paper Manies, wooden Monies, ¿£c. Some, however, manger all this, are of opinion that the first Monies were of Mo-

al this, are of epision that the first Mozies were of Mo-call the Rezions they give, are the Firmenic, Neanota, Cennalica, Dambiecet, and University of Mozies which, Cennalica, Dambiecet, and University of the the best for, I all effect, the very Commodities themselves were the first I all effect, the very Commodities themselves were the first and it was and course for one amount by usy of exchange; and it was and course for one amount by usy of exchange; and it was and the very contract of the course of the modities, and the impossibility of doing it without great Lod, that afting a two sor the Expedites of a general Mo-See TRUCKING.

Lofe, met and part ten on the Expedient or a general na-lation, that me and the contract of the contract of the tableot, the mean hamp to fail in both of Orien, the contract was attent for one to have their first recourse to Metaly a to being about the only philosy whole Good-Rei-fields the Adventages above capetifel, and the Comprise-ded or meiting, and everange or again in on a Mide of sys-face or sudgle, the Exercision. The contract of the part of the contract of literature of the contract of the contract of the literature of the contract of the contract of the contract and the contract of the contract of the contract of the any Marie or imprefition a long time, which confirm of one in the tenth of the contract of the contract of the contract of different States and Doma, according to the Quantity to be given for a few such as the Contract of the contract of different States and Doma, according to the Quantity to be given for any Domas and the contract of the Domas of t

different Sues and Forms, according to the Quantity to the given for any Merchandise, or according to the Demand of the Seller, or the Quantity Bipulated between them; To this end they were to Market, looked with Merch, in proposi-tion to the Farchase to be made, and furnished with Intra-ments for performing it, with Seales for dealing it out, ac-cording as occasion required.

The Committee of the Committ

By degrees it was found more commoduous to have riseer ready weight of and as there were different Weights re-quir'd, according to the Value of the different Wares, all there of the frame Weight began to be diffinguished with the fame Mark, or Figere: Thus were Ching carried one ftep further

step settler.

At kength, the growing Commerce of Money beginning to be dilitared with frends, both in the Weights and the Mater, the public Ambority interpret of 3 and bence the first Stamps of Impections of Money; to which faceceded the Names of the Moniers; and at length the Eligipt of the Trince, the Date, Legend, and other Frecautions to prevent the Elization of the Species: And thus were Chair comtent of the Species. And thus were Chair compleated. See Commerce.

On the Foot whereon Money now flands, 'tis divided into real, or effective Money; and imaginary Money, or Money of Accompt.

Imagi-

COL (248)

Institute y Money, or Money of Acompts, is that which has no Editionee in real Species, bout it rather a Sum of fiseweal Species, inventor of restails do feelines Acompts, by keeping them on a field boothing, our control of the Acompts of the Aco

MONEY.

Real, or Effective Money, is that which has an actual
Estimence, in real Species of Gold, Silver, E'c. See Species.
Such are, among us, Shillings, Guineas, &c. the Lift of
which, used in the feveral Parts of the World, with their
Reductions, are as follows.

Modern Cosns, or current Species of Europe, Afia, Africa, and America.

All the current Species in the four Quarters of the Earth, at this Day, are either made of Metals, or are Shells and

Fruits.

The Metals are Gold, Silver, Copper, Tin, and Lead 5 to which may be added Billon, a mixture of Silver and Cop-

which may be added Billon, a mixture of oliver and cop-per in a certain proportion.

In Europe, none are used hefide Gold, Silver, Copper, and Billon. In some part of the East Eurliss, they likewise use This and Lead: As to Shells and Fruits, they are the timal Money of several Nations in Asia, Africa, and America.

British Coins.

In England, the current Species of Gold, are the Guinea, Half Guinea, Jacobus, Lanreat, Angel, and Rofe Noble: the four laif of which are now feldom met with, having been most of them converted into Guineas, chiefly during the Reigns of Clorist II. and Jenset II. See Gozo. The Shere Coin are the Cown, Half Crown, Skillings and

Sixpences. See Silver. Copper Coins are Halfpennies and Farthings. See Corren.

Value and Proportions of the English Corns.

Farthing. : |Halfpenny

In Serlind, by the Articles of the Union, 'is appointed, that all the Giral be Federal or the English, and he fiance Accounts chiefer the three of the Chiefer of the Chief

Fines.

In Iteland, the Chins are as in England, viz. Shillings, Pence, &c. with this difference, that their Shilling, or Harper, is but equal to nine Pence Sterling; whence their Pound is only & of ours, or 15 i.

French Coins.

The only Geld Coin now current in France, is the Lewi-dore, or Louis d'Or, with its Divitions, which are \(^1_{\pi}\) and \(^1_{\pi}\)) and its Multiples, which are the double and quadruple Louis.

and its stuttness, with a term to combine the quantum pre-results of the term 1700, they had Gold Lys, and Ecus, or Coown; but they are now no more. The Silver China are the Ecus, Cowns, or white Louis's, with their Diminustions, over 2 and 4; and Picers of ten Sois,

with their Diminations, ove. \$\frac{1}{2}\$ and \$\frac{1}{2}\$ and Pieces of ten Sols, and of fix. See Sot, and Cacows.

The Billion Donis are of two Kinds, each called Soli; fome of \$1\$ Denices, others are. To these may be added the Denices current in the Lionnesis, Provence, Dampbine, and other Parts.

Lastly, the Copper Coin is the Liard, equal to three Deniers; and is ordinarily called the Double.

Their general Value is as in the following Table: For Particulars, see the particular Heads.

Denier, equal to 2 of a Farthing Sterl. 2 Double. a Double.

3 12 Liart.
1. 5. d. qrs
12 6 4 Sol Paris, is equal to 0:0:0:3
140 120 8 10 Livre, Acc. 0:1:6
720 160 240 60 3 Ecus, Crown 0:4:6 I. s. d. ars

The Louis d'Or, or French Pistole, was first struck at 10 Livres, but has since rises as high as 30. With us 'his valued at 162. Sterling.

Spaniff Corns.

In Spain, and the States depending thereon, the Gold.

Coin is the Pithole 3 show which is the Double Pithole, and

Piece of four Pithole 3 above which is the Double Pithole, and

which must be added the Cattillans of Gold. See Pieter to,

The Silver Money are the Faiter, or Piece and

The Ministrans 3 as also the dumple Reed jub.

Realy, and in Diminations as a life the simple Real, with In The Capper Coire are the Carton, or Chavo, which are of two Kinds, the one copial for our Minarcells, and order to Kinds, the one copial for our Minarcells, and collection of the Capper Coire are the Capper Coire and Capper Limits, and C retaining the antient Rate. Value of the Spanish Corns:

Maravedis old, fomewhat above 5 of a Fatthing Sterling,

			vo, or double Quarta.	ı.		٤.	
64	34	40	Real, old Plata, equal to			0	
512	68	34	8 Pieces of Eight, or Piastre,	0	:	4	:
2048	272	126	32 4 Piffole,			13	

Portuguese Coins.

Those of Gold are the Milleray, or St. Stephen, and the Moeda d'Oro, or, as wecall it, the Moidore; which is properly their Pittole: above this are Doppio Moedas, or doable Pittole; and quadraple Species equal to five Pittoles. So MOITORE.

Morrore:
Their Siner Coins are the Cruzada; Pataca, or Piece of Bight; and the Vintain, whereof they have two forts, the one Silver, and the other Billon.
The Res is of Copper, which ferves 'em in Accompts, as the Maravedis does the Spaniardi.

Res, or Rez, equal to ? of a Farthing Sterling. 20 Vintaio.

400	20	Cn	zad	a.		1.		s.		å
CUOI	50	24	Mi	m	eda,or Half Piftole,equals	0	:	13	:	å
2000	100	5	2	M	ocda d'Oro, or Piffole,	1	:	7	:	4
4000	100	10	4	2	Dopplo Moeda, or double Pift.	2	:	14	:	<
10000	500	25	10	6	22 Ducat of fine Gold,	6	:	15	:	å

Dutch Coins.

Those of Silver are Crowns, or Dollars, Ducatoons, Florins, and Eschalins, each whereof has its Dimination. The Stiver, or common Shilling, is of Billon; the Duyt, and Penny of Copper.

	cnny									
Ì	$I_{\frac{1}{2}}^{\frac{1}{2}}$	Day	t.							
ı	6	4	Gre			l.		s.		d.
i	12	8	2	Siu	ver, or Shilling common	o	:	c	:	1
ļ	72	48	12	6	Scalin, or Shilling gross	٥	:	0	÷	7
	236	160	40	20	3 Florin, or Guilder,	0	:	2	:	0
	708	480	120	60	10 3 Doller, or Ducatoon,	0	:	6	ı	a

Flemifb Coins.

Those of Gold are Imperials, Rides, or Philips, Alberts, and Crown Those of Silver are Philips, Rixdollars, Paragons, Sca-lines, and Gulden: And those of Copper, Parards.

601	(249)	COI	
288 18 20 3 Guiden. 720 90 50 2, 27 Rixdollar, Dollar, Patag.	Peace. Their Copec, or current in the Copec of to out 1: 3 Out 1: 3 Peace. Their Copec, or current in the Copec of to out form, w fomewhat mo Pointh: 3	Kapeke of Gold, worth 1: 6 To Sterl. c Case's Territories for 1: 9. Silver, or Denzing of an conth	g, or but
German Coins. Those of Gold are Ducats, which are of valid of the Rhinss, and Florins: of this last 8 to likewise of Silver; befide Rizdollars that are all of that Metal. Those of Copper, are the Creux, or Kreux	Cind there are and Izelottes, and Meids	Markifb Coins. Markifb Coins. Saltanin, called also Scherit, or Sequin. Monies are the Para, Parafi, called also citi, and the Afper both of Silver. Merit, or Sequin, equal to the \$2 \text{ of Sequin.} d, or	Pa-

Fenin, equal	10	of a	Farthing	Starling.	
8 Creux,	or	Kreux	er.		,

Fenta	ı, eq	ual t	0 + 0	ma.	Farti	ing Sterin	g.				
8	Crec	x, o	r Kr	uxe	r.						
192							- 1				
			Obo					l.	s.		d
432	54	2 1 0	$I_{\frac{1}{16}}^{\frac{1}{16}}$	Izek	otte.			٥:	2	ı	9
480	60	213	110	1,8	Guid	lco, or Flo	rin.	0:	3	:	0
650	100	378	3	100	In	Rixdol.or	Dollar				
1068	133	5	213	1	213	I's Ducas	t.	0:	7	:	6
				Tee	ii an	C					

In Italy, the Several States have feveral current Monios .

In Intify, the Several States have feveral current Massius; then there as from common to them all from the at Fiding of Galid, and the Decessors and Florids of Silver, which because and Florids of Silver, which the Control of the Control of C

apiroles, and Cavales of Billon.			
	۶.		d. Sterl.
Julio, equal to	0	:	67 8 make
Bayoco, a of the Inlio =	0	÷	o & Penny and
Pignatelle, is of the Julio =	0	÷	o dof of a Penny, near a Far.Ste
Tuffine ==			next a r rar oto
Derlingue, ; of the Juffine =			9
Derringue, 2 of the Juttine =	r	:	4.5
Carlin =	0	:	6
Monaco = -		:	
Sequin ==			
	9	÷	2
Croifat == -	4	:	A

Swift COINE, are Ratzes, and Blazes; of Billon.
Ratze, equal to 2 and 4 of a Penny Sterling.
Blaze of Bern, nearly on the fame Footing with the

Polifb Coins.

Befide the Rixdollars struck here, which are common other Countries; the Poles strike Silver Roups, Abras, and 0:44

2 : 0 g Groch Danish Coins, are the Horse, the Marcs Lubs, and the Schefdals of Silver. 5. d. 1 : 1 Sterl: Horfe Marc Lubs Schefdal, two Mates, or Lubs - 1:6 3:0

Swedish Coins.

Those of Silver are the Christines, Carolines, and Cavaliers. Those and Money. Those of Copper the Roustique, Alleutre, Ma oney. 5: d. Sterl. Mark, Christine 1:15

Mark
Roadinge, \(\frac{1}{2} \) of the Mark

Alcarre, \(\) of the Roadinge

The Swelin Many, properly is called, is a kind of \(\frac{1}{2} \) and \(\frac{1}{2} \) of the Swelin Many, properly is called, is a kind of \(\frac{1}{2} \) of the special Many, properly is called, is a kind of \(\frac{1}{2} \) of the special Many of the Sweling in th

--d. Sterl. . . . ara Parat, or Parafi Shakee of Aleppo and Scandarnon

o : 3 Afres dinarily, by reason of the base Alloy, no more than to COINS of the Coasts of Rarborn

Coins of the units of marnery.

The current Oim flruck here are Rubies, Medians, Zidams, and Metrecals; all of Gold: the last of which are flruck at Marceco, the rest at Fee, Algiers, and Tunit; a which befide have Deablas of Silver, and Burbus of Copper.

Tamis its Nasaras of Silver, its Blanquilles likewise of

ankin beide biev Deabhes durery in annea — deather beide biev Deabhes durery in annea — deather beide deather deather beide deather de

Persian Coins.

These are either Silver, or Copper; Sold they have none:
Of the first Kind are the Abassi, Mamoodi, Chaye, and
Bissi: of the second the Kabelqui, and Half Kabelqui, s
the Tela, or Cherrafia, indeed is Gold; but 'dis less a Money
than a Medal, tho it has fome course in Commerce.

Absfff, equal to 1: 4.4 Sterl.

Mamoedi, Chaye, † the Abafff, 0: 8½
Chaye, † the Mamoudi,
Bifff, fome Relations make a Coin worth about 1 Penny

Biffi, some Relations make a Cair worth about : Penny Halipenny ; but others only a Torm of Accompts, fignify-ing to Dimaza, or per part of a Toman. Soc Toman. Cabequi, or Cabelque, equals iz, of a Penny Sterl. Tech, or Chergift, ulasily firuck at the Accelfion of a Weight and Worth various.

Chinese Coins.

Chinge Cetta.

Throughout the Kinghom of China and Tinapain, there are no properly any Gent Brack; indeed of theids, they can that Gold and Steve Into line! Forces of difference and Steve Into line! Forces of difference, and the China and t

There are two Kinds, great and fmall.
Golchut, an Ingot, which at 3, 3, 5, per Ouuce, usually
amounts to ror 1, 52. Sterling.
Other Golchuts only weigh half as much; their Value in proportion.

COL Tical, fee Coins of Sian Pecha, or Peffa. 0:01 Doudon, ; of Fanos, or fomewhat lefs than o : o 4 of a Farthing

Coins of Fapan.

Caxs, Cache, or Pitis, 10 of 1 of a Penny Sterl. 300000 of these are nearly equal to 56 Dutch Pounds.

Caxa larger, 1 are of a Piatire, or Piece of Eight.

Casse of Fefent.

The Japaneph first Coupunt, both of Gold and Siver, and Couper Fices with Hele in the middle, like those of Claims does of the men for the men and the couper first and the couper first and the men for the couper which they cell file the Chings of different Weights, charly three; the length, of the weight of different Weights, charly three; the length, of the weight of fit Reals, via 4, Tinch, that The quivalent to 1/2 Durch Syrvers. The formed quarter Tries and anhalis, Bedde their, they have a lend Silver Money, in forme found Benn, of no determinate weight, usually weight by Miles, the common Payment being by 10 Miles, when

Mailes; the common Fayment being by 10 haines, which make one Tea.

Coupant of Gold, weighing 1 Ounce 1. 5. d. Sterl.

6 Drachmas; is Figure a long Oval.

the longest Diameter about 4 Inc.

6: 1a:6

ches, and the shoetest half an Inch.

Ches, and the inorten nair an and the Coupants of Gold, near tof the 2 2 : 4 : 2 ches, former, amounting to about Coupant of Silver, current at

Ze of a Farthing. Copper Money,

Coins of Siam. In the Dominions of Sism are flruck Gold Pieces five

In the Deminions of Sam are flirck (rold Freech Nee of Ke Grains heavier than the Half Pillode of Spains, but thefe are rather Pieces of Cariefity, than of Ufe in Commerce. Their Shure Chris it the Tical, or Basq is the Diminiations whereof are the Mayon, or Seling, Foung, and Sompayr. The Greeca sea all thangely flinck: in from they refindle Nuts, a little flitted at the Extremnities 3 and are former them cloven like Horfe-flores: Or two of the Silles are forme

Their Copper Money, called Bia, is round and thick: be neath this is the Cauris.

2. d. Steri

Gold Species of Siam, Tical, or Baat,

- a : 5 2 - o : 7 2 and 5 Mayon, or Soling, 2 of the Tical, Foang, 2 the Mayon, - 0:354 - 0:13 and 4 Sompaye, 4 the Foung, Copper Coin, or Farthing of Siam,

Coins of the Coasts and Islands of the Indies

Cosss of the Goaff, and Illands of the Indica.
The Principal, and shude most generally current, are Egoaff, and the Cost generally current, are Egoaff, and the Cost general Costs, are resultant once, which are
Goaff, a Thomas of Gold-order goaff or Fridge - An Indica
Goaff, a Thomas of Gold-order goaff or Fridge - An Indica
Goaff, a Madder, and a Gost, the Franch Xergelin, and
Silver - An Illerians, the Fridge at Middler, the Lare, as
Sommyon, and Denni-looning all of Golder—Principal Cost
Sommyon, and Denni-looning all of Golder—Principal
Goaff of Fridge - The Indicas and Cost
Sommyon, and Denni-looning all of Golder—Principal
Goaff of Golder
Goaff of G

d. Sterl. Pagod, Gold, denominated from its Im- ? preffice, an Indian Idel,

Pagod, Silver, its Value very different; the fmalleft 8 Tangas, and the Tan-

the insilett of ranges, and the ran- 1 : 2 : 6 ga of Balfarmore y could to Roughs, 6064, The Finesels and Value various: There are three Kinds current, viv. the Roughs Stoot, the Roughs of Sort, and Roughs of Aladersts. 5 . 4. Stef. 2:65

Roupias Siceas, worth at Bengal

Nort, This is to be underflood of the new Reupins, if or as to the old ones, of each Kind, their Valor is led; a tobe of the old ones, of each Kind, their Valor is led; thole of Sura, 2.s. and the Sites; 1.s. ad, ... distribution of Sura, 2.s. and the Sites; 1.s. ad, ... distribution of the sura, 2.s. and the Sites; 1.s. ad, ... distribution of the surar of the surar

an Characters.

Fanos, or Fanon, Gold, is of different Finenels, Weight, and Value; the largest worth \$50.50

The fmalleft 0:12 Fanos, Silver, Coupant, fee Corns of Japan. S. Thomas, equal to Pardao Xeraphin : 81 Fardos

Tam

Baiarneo Cheda is of two Kinds, the one Octogonal, current at The other round 0:01 Megul Coins.

In the Dominious of the great Megul, are Roupies, Ma. mondes, and Pechas; the first both of Gold and Solver; the fector of Solver slone, and the third of Gopper.

There are others struck by the Princes tributary to him,

There are others flrack by the Princes tributary to him, and the Powers bordering on him, fearec carrent beyond their refractive Territories: particularly a finall Silver Coin thack by the K. of Matoneth, whose Territories lie to the North of Agra, of the Value of the Pecha of Mogul, but half as heavy again.—The Raje of Yearts jointmooth, to the North of Yearta, likewife thicks formed little Pieces, both of Silver. of Sprine, Mewyle Inixes from Unit Proces, both of Shire and Copper, find IN Value—The Rayle of Ogder, who much between Bremjour, Serrogs, and Amadalach, along Joyan, and Markey and Amadalach, along the property of the Copper of the Copper of the Copper and Prine, a The Money Called Cocket—The King of Le-cence, little High of Freeze, worth about 1 Employed and Prine, a The Money Called Cocket—The King of Levi-core, little High of Freeze, worth hour 1 Employed ray, careen in the Hie of Sumarya—The Gold Cour of the King of Money In and Cockety, in these by the Direct Ser-king of Money In and Cockety, in these by the Direct Ser-ting of Money In the Copper of the Copper of the world from the Copper of the C their Territories, but coin none

Manuels, or Mammed, its value is not fix'd:

In the Kingdom of Mazarate, the great

Manuels as qual to Mamoud is equal to
The fmall half the great one 0:53

The final half the great one Pecha, for Consus of the Iflest &c. of India. Silver Piece of Matsucks, of the Iflest &c. of India. Silver Piece of the K. of Ogden, of 6. Opper Piece of the K. of Ogden, of 6. Opper Piece of the Isano Cheda, for Consus of its Iflest, &c. of India. Gold Piece of the King of Adomn, 71 in Piece of the King of Massifur, taken, of 10 feed Piece of the King of Massifur, taken, of 11 india. 0:00

by the 2016th for a Guinter,

To the Number of current Chirst which have utilities

Kenney to fpecify em, may be added must be such that

Kenney to fpecify em, may be added must be such that

Lander Sach are those Cauled famply Pricers; with the Addition of their Prices as in System, the Prices of eight Reals, is

Free of a France, Price of a rolling to Shilling's Free of a Ship, they free of a Ship, the Conference of Ship Reals, and

Price of a Prance, free of a rolling on Shilling's Free of a Ship, the Conference of Ship and the Ship Real Ship Re Shells current in Afia.

These serve in many Places for Money; and are brought from the Maldives, and called in the Indies Cauris: On the Coasts of Africa they change their Name, and are called Bonges.

Bouges.

In America they take a third Name, evia. Percelains. In America the lat don't come from the Madderer; there begins are the latter of latter of

Purcelaines are nearly on the fame Footing with the Carris. See CAURIS.

IN. DOC LAWRES.
Zimbi, current particularly in the Kingdoms of Angole
and Cargo. Two thouland Zimbi make what the Negret
call a Macoute which is no real Money, whereof there is
none in this Part of Africa, but a manner of reckning!
Thus, two Flamilly Knives they effects an Macoute; a Coper Bain, two Pound weight, and ra Inches Diameter, there
there is a month of the Cartesian and the Car Macoutes; a Fufil ten, &c.

Fruits current for Coins.

There are three Kinds of Fruit uled for Coins; two in America, particularly among the Mexican; which are the Cacco and Maise: The other in the East-Indies, circ. Almonds; brought thither from Lar, and growing in the Defarts of Arabia.

Cacao, 15 of these are esteem'd equivalent to a Spanish Real, or 7 Pence Sterling.

Mailie has ceased to be a common Money fince the Differ grant has ceased to be 2 common bloney fince the Di ary of America by the Europeans.

Almonds are chiefly used where the Course are not one

Almonds are chiefly afed where the Caucis are not current.

As the Year proves more or leaf avourable to this Frait, the
Value of the Money is higher or lower: In a common Year,

a Almonds are fet against a Felcha, or Halfpenny Sterling,

which brings each Almond to "ye of a Farthing,

Thus much for the Modern Corne, or Mosics: Thop of

the Antieuts are as follows

Autient Corns.

Į	alue and Pr	oportion of the		
Gerab			s. d.	
10	Bekah		01:15	
	- COL - 1 - 1			

i	10	2	Shek	al	_	00:02:35	
	1200			Manch Minah Hebi	sica }	06:16:10%	
			3000	50 Talent		341:03:09	
į	Solidu	Aur	cus, c	or Sexuala, v	rorth	00:11:04	
١	Siclus	Aure	08, Wc	orth —	-	1:16:6	

I	alu	e an	d P1	ropor	ion	of th	e ausi	ient G	reciar	Coins.
Lepto	n		_	_	~	_	_	_	S. 0:	d. qrs.Ste
17	Cha	leus IDich	alcas	_	_	_	~	-		0:035
18	4		Hemi	ioboli	103	_				0:17
56	3	4		Diab	.1	-	-	_		1:15
224	32	16		2 T			_	_		2:25 5:05
336	48	24	12 6	3 1		achma			0:	7:3
1224	96	48	41	8 3 82 6		Didrag		lan.Su	- I:	5:1
1660	384	110	60 %	1,1	3	2114	Pentac	feachm	m3:	2:3

Note, Of these the Drachma, Didrachm, Sc. were of Silver, the reft for the most part of Brass. T

Note alfo, the Drachma is here, with the generality of Authors, suppos'd equal to the Denarius: the there's Reason to believe, the Drachma was somewhat the weightier. See DRACHMA.

The Greeian Gold Cein was the Stater And L. g. d. reas, weighing two ditiek Drachms, or half of the Stater Argeneous; and exchanging utually for 25 Attie Drachms of Silver; in our Money

According to our Proportion of Gold to Silver 1:00:9
There were likewise the Stater Cysicenus, exchanging for 18 Assick Drachms, or
0:18:1 changing for a Marick Drachms, or Stater Philippicus, and Stater Alexandrinus, of the fame Value. Stater Darkens, according to Fosephus, worth } 1:12:32

Stater Crefius, of the fame Value,

Value and Proportion of the Roman Coins, s. d. qrs. Sterl. 0:0:0:075 Teruncins 2 Semilibella 0:0:155 4 2 Libella 2 As S 0:0:3 1

20 TO 5 2 Quinarius 2 0:3:33 20 to 4 2 Denarius 0:7:3

Note, Of these the Denarius, Victoriatus, Scilertius, and fometimes the As, were of Silver, the rest of Brass. There were sometimes also coin'd of Brass the Tricos, Sextans, Uncia, Sextula, and Dupondius.

occtans, Units, Section 2016.

The Reman Gold Cois was the Aureus, which weight departelly double the Denarius; the Value of which, according to the first Proportion of Orientee mention of by Pleny, was According to the Proportion that obtains now \$\frac{1}{2} \cdot 0.9 \text{ } \t

According to the Proposition annought us, worth
According to the Decaple Proportion, mentiond by Livy and Justin Pollus, worth —
So 12 : 18
According to the Proportion mention'd by 72citis, and which afterwards obtain 0, where
citis, and which afterwards optimized to the Proposition of the Pro

by the Aureus exchang'd for 25 Denarii, its : 14

Corn, in Architecture, a kind of Dic, cut disgonal-wife, after the manner of the Flight of a Staircafe; ferring at borafter the manner of the Flight of a Stairtafe; ferving at hor-tom to flappert Columns in a Level; and at top to correct the Inclination of an Enrablature, importing a Vault. These Color have a life them ethelt with round Baluf-ters, which are not inclined according to any Flight.

ters, which are not inclined according to any Flight.

Cosh is allo ms'd for a Counter, or folid Angle, compos'd of
two Surfaces inclined towards each other; whether that Angle be exterior, as the Coin of a Wall, a Tree, Go. or integle be extenor, as the Com of a wan, a aree, e.e. or more rior, as the Com of a Chamber, or Chimney: from the Word rior, as the Orie of a Chamber, or Chimney: Hometo wood Cancers, Wedge. See Quoin. COINACE, or Coining, the Art or Act of manufacturing, or making Money. See Money. COINING, is either performed by the Hammer or the

The first Merhod is now little wied in Purope, effectivity

The first Meshed is one little steel in Europe, electelly in Englands, Parison, Ga. the due only one harm mill the Year 5515, when a new Mesh endy one harmon little become been invented by an European, one of Meshed Steel and first the Armonic Meshed with the Armonic Meshed with the Armonic Meshed with the Armonic Englands, was no while the Armonic Englands, in resulting was no while the Armonic Meshed with the

The Mill has met with various Fate fine in fell lowering being new myl, and spin laid by, and the illimiter re-famil' i built has at length got that footing, by the Neumott Fell of the fine of the footing that with it, that there appears no produce the Species Handwidth, dee Manny, In either kind of entire, the prior of fairly, doe Manny In the fine of the fine of

The first Oucrations in common are the mixing, and melting of the Merel

For the 1st, it is to be observed, that there are no Species For the fit, it is to be observed, that mere are no openess coised of pure Gold or Silver, but always a quantity of Alloy of Capper is mix'd with them: The Realons are parely the Scarcity of those two Merals, parely the Necessity of making

them harder by fome foreign Admixture; and partly to defray the Expences of coining. See Atlor fray the expenses of country. See Alloy.

Now there are two Kinds of slicying, or mixing: the first where the Gold or Silver has not been used for Money

here water the croid of anyer has not been used for Money before; the other where feveral Kinds of Species, or Ingots of different Titles and Valuer, are to be melted down into

a new Money.

The proportioning of the Alloy with the fine Metal is eafy in the finit Cafe, in the other more difficult: The Arithmeticians make a long Doctrino of it, which fee under At-LIGATION.

Yet is it readily effected by the following Method, taken from the anonymous Author of the Treatile at the End of that of Mr. Boilard, vic.

Write down the feveral Matters to be melted, their Qua-

each explain'd under the Article Funnaca.

of Meetia; a those with Winds, and totals with accurate a december of the Article Possage, it is an entirely account regarded under the Article Possage, it is an entirely medical, they are titted and heavy distinct, it is me entirely medical, they are titted and heavy distinct, it is also distinct and copyer with an internal consistency of the Article Possage and except of the thickness of the Article Possage and except of the thickness of the Article Possage and except of the thickness of the Article Possage and except of the thickness of the Article Possage and except of the thickness of the Article Possage and except of the thickness of the Article Possage and except of the thickness of the Article Possage and the

the Estee of Gold, and these of other Maria confission in this plate the latter are taken on of the Cauchbes with La-dies, and pour'd into the Aperture of the Model, and that for Gold, the Cauchbe is taken off the Fire with a kind of Tongs, and thence pour'd into the Model. The six of the Those for the Process is the fame, in coming either with the Mell or the Hummer: Whom the Plates are taken out of the Molds the difference commences : fo that here the Ar-

ticle of Coining divides into two Branches. The Country divides into two Branches.

Countrie by the Mill, or Mill'd Money.

The Plates being taken out of the Molds, feraped, and braft'd, are pair'd feveral times thro' the Mill, to flatten cm, and bring them to the just thickness of the Species to be coloid, with this difference, however, that the Plates of cold are heated again in a Fanness, and quench fill when the plates of the species of the plates of the species of the species

out water. See Ball. The Plates, whether Gold, Silver, or Copper, thus re-duc'd as near as possible to their thickness, are cut into round Pieces, or Planchers, near the Size of the intended Species, Pieces, or Fassafers, near the Six of the Instead Species, which centring Inframence fisher? do the lower Executive of an Arbor, whole upper end is form'd inso a Screey which being surn'd by an infrailable, must not Arbor, and text the Street, well flargered, in form of a Pando-curter, Jillen the Street, which is the street of the Street, which is the Street of th

The Pieces are adjusted in a fine Balance; and those w The Pieces are adjuited in a fine Bislance; and those which prove too light are feparated from those too beary, the first to be entired again, and the fecond to be filed down. For it may be other 'd, that the Mill ther' which the Plates are passed can never be 6 just, but there will be some inequality, whence will arise a difference in the Planchetz. This ine-quality, indeed, may be owing to the Quality of the Matter, as well as of the Machine; some Pars being more perous

When the Planchets are adjusted, they are carried to the blacks the Planetes are adjutted, they are carried to the blacks of withering Houle, i.e., the heat, and the Silver occur are whitered a which is done by heating 'em' in the France, and when taken our and coold, boiling 'em faccef firely in two Copper Verlieb, with Water, common Salt, and Tarnar, and after flowing 'em well with Sacd, and washing 'em with common Water, drying 'em over a Wood Fire, in a Copper Silver y shortest they are put when taken

Fire, in a Copper Sieve 3 wherein they are pat when taken out of the Belies.

The whitening, or blanching was formerly perform'd very elifferently from whar it now is: And as the antient Method is fill in ale among Goldfmiths, and other Weckmen who ule Gold and Silver, we have made a dilitiest Article of it.

See BLANCHING Formerly, the Planchets, as foon as blanch'd, were carry'd to the Preis, to be firnck and receive their Imprefitions; but now they are first mark'd with a Legend, or Engine, on the Edges, to prevent the clipping and paring of the Species, which is one of the ways wherein the antient Money as'd

we be dungd.

The Machine sied on mark the Edges is very fample, yet ingenious jit confills of two Plates of Steel, in form of Raferia, shown the talkenet for Line, on which the Legend collect. Referral to the tendence of a Line, on which the Legend collect. One of their Plates is immortable, and flough collect in the Collect in the Collect in the Steel on the Geographic or a Copper Plate; and that again to a three glorat, or Thibe: The other in movable, and all flough on the Copper Plates, by means of a Thiolog, and a Whace, on the Copper Plates, by means of a Thiolog, and a Whace, other Tech, on the Starface of the filling Plate. Now, the Planchet being pade berincoulty between their two Plates, is carried along by the Motion of the movable cos; 16, as by the trime it has much haf a vern, if it found santired all the start is considered to the control of the con

This Machine is fo eafy, that a fingle Man is able to mark twenty thouland Planchets in a Day: It was invented by the Sieur Castaing, Engineer to the French King, and

first us'd in 1684, Lastly, the Planchets heing thus edg'd, are framp'd, i. e. their Impression given them in a Balancier, or Pres; which is a Machine invented at the latter end of the XVIth Cen-

is a Machine invented at the latter end of the XVIII. Can-ury See the Figure in The Affeldings, Fig. 4.— all con-trained in the Body of the Machine, except the first, which is with a first of the Machine, except the first, which is result in the Body of the Machine. I would not be a liquid before the first of the Machine. In the Rings, to which are futured Gords which give it Modelon: it is placed bodynamicy over the Body of the Machine. In the middle of the Bean is futfierd as Scow, which by rum-thed body of the Body of the Machine. In the middle of the Bean is futfierd as Scow, which by rum-thed body of the Body of the Machine. In the the lower Externity or which Alboy local exprendication, by, is futfierd the Mantice, or Gim of the Revertie, or Arms Side, in a kind of Body, or Cife, where it is resulted by Scown and under this is Body, or Cife containing the of the Bulletine. See Marxine, 15% in the lower Ex-

ndarrice of the image fact, farmly stated to the lower Part of the Balancies. See Maryanct, gir." An advance, when a Planche is to be Itamp?, 'tis laid on the Image Marrice, unce which two Men draw, each on his finde, one of the Ropes of the Beam, and turn the Serve stated in it; which by this Motion lowers the Arbor, to which the Marrice of the Arms is father di. by which means, the Metal being in the middle, at once receives an Impreci

fion on each fide, from either Matrice. As to the Prefs, for merly us'd, it has all the effectial Parts of a Balancier, ex-cept the Beam; which is here, as it were, divided, and on

enge in Benn, which is here, at it were, divided, and only by fewn on one yo, Soc Esson Arrays.

"The Thindness having new all their Marks and Imped.
Have the Array of the Control of the Control of the Control of Media, the Precili is the line, in effect, with the of though T have principal difference could need, the control of Media, the control of the Control of Media, the Control of Media, the Control of the Control of Media, the Control of the Control of Media, the Control of t out from between the Costs, heated, and returned again, which process, in Medallions, and large Medals, is formetimes repeated 15 or 20 times, ere the full Impression be given; care being taken every time the Plancher is removed to take off the imperfisions Metal firetch' d beyond the Cit.

to ake off the figerfinous Meal thretch'd beyond the Co-comference, with a Flic. See Marga. Add to this, that Medaltion, and Medalt of Isid, Fall. Add to this, that Medaltions, and Medalt of Isid, Fall. Add to this, the Medaltion, and Medalt of Isid, Isid the Co-cience of the Isid of Isid the Co-cience of Isid of

Sec MEDALLION, E.C.

See Manaxion, 15c.

CONSING out the Hammer, or hammer's Minney.

Min Method of making Money, the Pitaco of Ond,

Sill hills Method of making Money, the Pitaco of Ond,

Sill hills Method of making Money, the Pitaco of Ond,

Sill hills Method of making Money, the Pitaco of Ond,

Sill hills Method of making Money, the Pitaco of Ond,

Sill hills Method of Me ner they are brought to the Size of the Species to be coin'd ner ency are prought to the Size of the Species to be coind, In this fixte the Pieces become Planchets, and ere carried to the Blanching-Houle; where they undergo the fame Pre-paration as the mill'd Money already deferib d, and are given to the Minter to heat 'em with the Hammer.

to the Minter to heat 'em with the Hammer. For this lift Opension, which firstlines the Money, shey all two Paucheonia, or Marrices; the cost called the 7th, and the property of the Paucheonia, or Marrices; the cost called the 7th, and the This the Lunge, we can be suffered to the property of the This the Lunge, we carried to the property of the Paucheonia of the Pauche

and more firmly fuller if on the Block where our May my in full. So Pirits, I spring the Plancher to topic multiple and The Minters, then, I spring the Plancher to topic multiple and The Minters, then, I spring the Plancher to topic multiple and the plancher is the plancher to the plancher is the second to the with as lent Mallet bold in the right; more or icl, a site with as lent Mallet bold in the right; more or icl, a set with a lent Mallet bold in the right; more or icl, a set of the plancher is the set of the plancher is the second till second to the second till second to the real tent and a set of the second till second to the second in Money is which, after they have been cannin'd as so that weight, become English Constant.

into Money) which, after they have been cannill as as their weight, because $E_{\rm mil}(E)$ Courses. Since the Invention of snilling Money in France, it is a Saccetic equal to that of the English, who have carried, the street of the English, who have carried, the street is the extend Perfection, both by the Beauty of their General Course of the English of English of the English of English to as to be tearce left of half its Value: The retrieving of this difficiel's State of the English Mency, is looked on as one of the Glorics of King William's Reign; for which we are owing, in good meature, to the happy Condiel' of the late Earl of Hallifas.

The Grisage of England is now performed whosly in the Tourse of London; where there is a Corporation under the Tritle of the Main. See Mixer.

Formerly there were here, as there are fill in other Countries, what we call the Rights of Seignorage and Braffage; but fince the XVIIIth Year of K. Charles II. there

is nothing taken, either for the King, or for the Expense of Cantra, it having been fertied by All of Parisimen, that weight is must offer the Weight in term of fire Weight, to all Perfors who carry their Gold or Silver to the Youry. See Satesseans.

The Species oracid in England, and perfors who carry their Gold or Silver to the Youry. See Satesseans.

Sow'd by All of Parisiment, made in 1671, to be fore out of the Reining, as well as Gold and Silver in Ban, I not the Reining, as well as Gold and Silver in Ban, I not the Reining as well as Gold and Silver in Ban, I not the Reining as well as Gold and Silver in Ban, I not the Reining as well as Gold and Silver in Ban, I not the Reining as well as Gold and Silver in Ban, I not the Reining as well as Gold and Silver in Ban, I not the Reining as well as Gold and Silver in Ban, I not the Reining as well as Gold and Silver in Ban, I not the Reining as well as Gold and Silver in Ban, I not the Reining as well as Gold and the Silver in Ban, I not the Reining as well as Gold and Silver in Ban, I not the Silver in Ban, I not the Reining as well as Gold and Silver in Ban, I not the Silver

the Keaim; as well as Gold and Silver in Bass, Ingots, Duft, glo. Indeed, in the Selfino of Parliament in 1718, En-deavours were made to put a flop to this Licenfe, which drains England of its richelf Metals; but in vain; the Par-liament having fet safiet the Bill, without coming to any Re-

intion.

The Stepith Countage is offcem'd one of the least perfect The Statiff Consers is effected one of the leaft perfect in Europe: It is fetted as Sent and Segment, the only Gittes where Gold and Silver are fitned. The true, there are brought from Mexico, Peru, and other Provinces of the Statiff Materica, West will Quantities of Freece of Eight, and other fineries, luch vant Quantities of Freces of Eight, and other Species, both of Gold and Silver, that, in this respect, it must be own'd, there is no State in the World where fo much Money is cova'd, as in that of the King of Spain.

much Money is coval, as in that of the King of Systim. Miljectric COINAGA. The Cast frisher to Money but Siver, and that only in the Cities of Miljon, Newsgrad, Teers, and Picjons ; to which may be now added Petersburg, the favourise City of his Castain Majedy. The Chinage of each of their Cities is left out to farm, and makes part of the Rey-

al Revenue.

Terfies Coinage. All the Money made in Perfie, is
though with the Hammer; and the fame may be underflood of the reft of Afia and America, and the Coaffs of Africa, and even Mulosopy; the Invention of the Mill being not yet got out of Europe, nor even efficibility din every Part of it. The King's Duty, in Perfig, in seven and a half per Cent. for all the Monies coin'd; which are now reduced to Silver and Copper: there being no Gold coin'd there; except

a kind of Medals at the Accession of a new Sophi.

The Connact of Fee and Tours is not under any Discipline a cach Goldsmith, Jew, and even private Ferson, under-

pine; cach Goldmich, Jew, and even private Ferfon, under-taking it at pleafure: which renders their Money exceeding bid, and their Commerce very unfafe. COUTION, the Interconffe between Male and Female in the Act of Generation. See Gammarion. It is obliered, that Frogs are 40 Days in the Act of Cel-ricon. Barriotime, &c. relate, that Butterflies make 150 Vi-

brations of the Wings in Cattion. Corrion is also sometimes used for that mutual Arrese-

tion, or Tendency toward each other, which is found between

on and the Magner. See Magner.

COLARBASIANS, a Soft of Heresieks in the IId Can tury; fo called from their Lender Colarbefies, a Discip tury; lo canco from their Leauer Consessions, a Disciple Valentine: who, with Marcus, another Disciple of the famo Master, maintain'd the whole Plenitude, and Perfection of Truth and Religion, to be contain'd in the Greek Alphabet; and that 'twas upon this account Jefus Christ was called the

Alpha and Omega.

COLARIN, in Architecture, the little Frife of the Capital of the Tulean and Dorse Column; placed between the Afragal, and the Annulets: called by Virtuoins, Halphra-

colorium. See Farze, Ec.

Colorium. See Farze, Ec.

Colorium is also used for the Orlo, or Ring, a-top of the Shaft of the Column, next the Capital; called also Cracfure. Sec CINCTURE.

COLATURE, in Pharmacy, the Separation of a Liquor from Some Mixture, or Impurity, by percolating, or firsh-ing it the the arrow Pores of a Cloth, or other Marter; ing it that the narrow Pores of a Cleath, or other Masters which will give puffing to the fine, and pure Part, but intercept the groffer. See Practizions, and Felteration. COLCOTHAR, in Natural Hillory, &c. There are two Kinds of Colcotors, Natural and Feltipson.

The Natural is otherwise called Chalcitis; being a red

Vitriol, brought from Germany; form'd from the co green Vitrio), calcin'd naturally by fome fubterraneous Fire.

The Artificial is also a green Vitriol, calcin'd a long ti by an intense Fire; and by that means reduc'd to the rednefs of Blood COLCOTHAR Vitrioli, is particularly us'd for the Dregs,

Remains, left at the Bottom of the Veffel, after the Dillilla-tion of Viriol. See VITALOE.

COLD, fonething devoid of Heat, or which contains in it no Particles of Fire. See Fire. This Definition is agreeable to the Sentiments of most of the modern Philosophers, who make Cold a mere negative Term; and suppose the Thing to consist in a mere Privation, or Diminuston of Heat.

or Diffusionation of Hear.

Others define Cold, much on the fame Principle, to be that State of the minute Parus of a Body, wherein they are more flowly and family agitated than thole of the Organs of Pecling: In which Scole, Cold is a mere Term of Relations; and theme the Lame Body becomes liable to be preceived by or cold; as its Particles are in a greater or lefs degree of Motion than those of the fonfible Organs See Sense, Fexu-

INC, E.

Hast is supposed to consiit in a particular Motion of the
Parts of the lest Body; and hence the Nature of Cold, which
is its opposite, is casily deducible: For Cold, we find, extingail lest, or rather abuses Heart, whence it forms to follow,
that these Bodies are cold, which check and restrain the Mo-

there mouses are coss, which check and retirain the Mo-tion of the Particles wherein Heat confists. See Hear. Now, there are three Kinds of Bodies which may do this.

Now, there are three Kinds of Bodies which may do this, vice. cither those whose Particles are perfectly at roll; or those whose Particles are indeed agitated, but lefs violently than those of the hose Body to which they are applied a or, lastly, those whose Particles have a Motion proper for exci-ting the Sensation of Heat, but more with a different Deterting one Sentation of Heat, but move with a different Locus-mination; so as to retain and change the Motion of the Par-ticles of the Organ.

ticles of the Organ.

Hence, there arise three different Kinds of Cold, or cold

Bodies: The 1st is, that Cold common to all hard Bodies,
which confills in the Rest of their Parts. The 2d is that which confills in the Redi of their Patts. The old is that which artistes upplinging any Patter of the Body in Woort, which confills in this, that the Patts of our Proteords being more brildy aginated than thole of the Flaid, communicate part of their Motion to it. The 5d, the Colf felt on coiled-ing even warm All with a Fan, or in blowing to the Reath out of our Mouth, with the Lipschole that; which confish in this, that phe direct Motion or the Principe of Air, do in fonce fure change and rehate the Motion and Determination of the Parts of the Body: And hence it is, that a cold Body can-not cool another without hearing it felf. Hence also it is, that soc cod another without hearing it felf. Hence alloit is, that the more Parts of a frigid Body are at reft, the more must the Particles of a warm Body applied to hear lem, felo of their Motion, and by confequence of their Heat. Thus a Marbier Marine, and the same state than Wood, which is full of Pores and Interflices, is felt ealther than Wood. Hence allow we fee why Afri, mear Marbie hand other define Bodies, feels.

we fee why Air, near Marble and other denfe Bodies, teels formewhat colder than in other Places.

On this Frinciple, the two latter Kinds of Cold appear fomewhat more than Frivations: The Particles indecing the Colds may be effected a real fringerific Corrulles; and Colds may be deem of real fringerific Corrulles; and Colds need to deem of a real Quality as well as Hornels. See Quantities of the Colds and the Colds and the Colds are the Colds and the Colds are the Colds and the Colds are the Colds are the Colds and the Colds are LITY, FRICORIFIC, S.C.

These Particles do not only check the Agitation of these

Their Particle do not only check the Adjustion of those contensibly diffused from the inner Parts of the Animal to the outer but, having an clittle Power, bend and hung and bence that came of the Body, plack and fiqueous them is and bence that came of the Body, plack and fiqueous them. In the Comparison of the Body of the Comparison o

Dr. Clark takes Cold to be owing to certain nitrous, and other faline Particles, endued with particular Figures proper to produce fach Effects. Hence, Sal Ammoniac, Salt Petro, or Salt of Urine, and many other volatile and alkalizate Salts, mix'd with Water, increase its degree of cold very sensibly. mixed with Water, increale its degree of cold very fentibly. Hence allo that peoplar Obfevarion, that Cold prevents Corruption; which, however, must not be admitted without an Exception o: fince, if a land, porous Body have its inter-tiles all'd with Water, and this be too much dilated by focusing, the siculding Body will be burtl. And thus it is, And thus it is, that Cold proves defirective to the Parts of fome Plants. See that Case proves definence to the Parts of Ione Plants. See Iee, FROST, CONDENSATION, RAREAGION, &C. COLIC, in Medicine, a cruel, fevere, gnawing Pain, felt in the lower Ventery fo called, becade the ordinary Seat of the Diforder, was anciently supposed to be in the Intestine

Physicians usually diffinguish three Kinds of Colic, the Bi-

rat, Wendy, and Nephritte.

The bilious Colie has its tife from certain sharp, bilious, The billions Could have us us the from certain marp, binous, finaulating Humours, which being diffus'd thro' the Intel-tines, well-care their Fibres, and occasion a Sensition of Pain. The Willis takes the Part principally affected to be the Me-

Dr. Sydenbom observes, that the bilions Colic usually attacks about the beginning of Summer; that it's generally at-tended with a Vomiting of bilious green Liquor; that the Parient complains of excessive Heat, great Gripings, Faint-ness, Sc. and that if it be not soon remedy'd, it is apt to turn

neft, Sc. and that if it is not from temedy d, that apt to turn into the like refinon. See Itals. Paglion.

Bagiori notes, that if the Patient Sweat much, and be much entichely it the Direct is apt to degenerate inton Falfy.

The Oure, he fays, depends on Bleeding, gende Catheries, and Enemas and if it arise from a Crapbile, and Enemas and if it arise from a Crapbile, an Execute is to precede: after which, the Cure is to be compleated with

to peccede; after which, the Chre is to an emproper produce.

The Wind Calie is vagabood, never flaying in any fixed Place; being predict by windy Vapours, which fwell and dilited the Intellines they are inclored in.

The Nephritis Calie is fel particularly in the Reins, whence it has its Name; the Greek vacific figuilitying Rein.

It ufually has its rife from fome Stone, or Gravel detach'd from the Kidnies, and fallen into the Pelvis. The Pareira Brees is faid to be a Specific for Nephritic Colics. See Pa-REIBA BRAYA.

BRIAN BRAYA.

2. Messorid; a Fearitier Physician at the Court of the Great Megal, gives the following Remord as infallible in Nephrite Cales: A in Ince Ring, about a hich and half in Dimeters, and thick in propersors, in to be leasted Rings and the large process, in the leasted Rings in the Rings and Ring a little time diffipate all his Pains.

n a nutte time dillipate all his rains. The fame Aurhor adde, that he can warrant the Saccés of the Remedy. In Coles arising from Flatulencies, Carminative Waters, Olis, Aromaticks, Se. are always to be added to the Compositions: And in Nobbritic Colies, besides Emollient Clyfprefettom a And in Nyelvrice Dales, besiden Emoliten Crysters, Solution of Minns, Genora Transit, Sei 1 w Whysy Ees and proper oceaginous Mixeners, are to be exhibited to relax the Fibres after which, preper Analyses take place. "On the Fibres after which, preper Analyses the place." modify incident to hylicic and hypochondria Perfora 5 but this appear not a a Species of the Fibres General Species of the Fibres Colle. "Register recommends Camonius as an Antidous against the Cite, from what Cacle forcer's traits. Some the Disease Colle, from what Cacle forcer's traits. Some the Disease Colle, from the Carlo forcer's traits. The College of the North Coll

He is properly what we may call an Inflictor : He gives Ho is properly what we may call an Infpetter: He gives fever Intelligences to the Court; and even, on occasion, ac-case the Mandarins of their Faults openly; and that not on-ly of Faults in their publick. Offices, but even in their pi-vate Life. To keep him impartial, he is kept indepen-dent jy having the Ful for Life. These Celtrs make even the Trinces of the Blood trends.

COLLAR, a particular Ornament, were by the Knights of feveral Military Orders, hanging over their Shoulder, on the Mantle; and its Figure drawn around their Armories.

See KNIGHT.

The Collar ordinarily confifts of a Chain of Gold, enamell'd frequently fet with Cyphers, or other Devifes, and having the Badge of the Order Infpended at Bottom. The Collar of the Order of the Garter, confifts of SS,

with Rofes enamell'd red, within a Garter enamell'd bine, the George at the Bottom. See Garter. Maximilian is faid to have been the first of the Emperors

Maximilian is line to have occurring in the Europeans who put the Coller of an Order around his Arms, upon his being made Chief of that of the Golden Fleece.

Knigles of the COLLAR, a Military Order in the Republick of Venice; called allo the Order of St. Mark, or the

Medal. Tis the Doge and the Senate that confer this Order: The This the Loge and the Senate that confer this Order: The Knights bear no particular Habit, only the Collar, or Chain, which the Loge puts around the Neck; with a Me-dal, whereon is represented the winged Lion of the Re-publick.

publick. ATERAL in Geography any Thing, Place, CounThe Means by the Side of most of the CounThe World is a Composed of con, with, and letter, fields
and chiefly applied to the Wind, which blow afide of the
inthe Cardinal Points of the Horiscop as the North-Eafl,
South-Eafl, North-Welf, South-Welf, and their Sabdivisions.
Collaboration 2 Points, in Cosmography, the intermediate
to the Country of the Count

NAL Points. The Colisieral Points are either Primary, which are those removed by an equal Angle on each side, from two Cardinal Points: or Secondary; which, again, are either those of the fift, of second Order. The first, those equally distant from a Cardinal and first Primary; the latter equally diffant from fome Cardinal or Primary, and first Secondary.

COLLATERAL Winds, those blowing from Collateral Points.

See Wirn.

Online That is Matter of Gene Alogy, is underhood of Judo Kalindav which proceed from the line Stock, but included the Company of the Company of

Out the acter only from Farner to Son.

COLLAYER At Affirmmen, is a Bond, made over, and beyond the Deed it felf, for the Performance of Covenants between Man and Man; thus called, as being external, and without the Nature and Effence of the Covenant.

Comprise fays, that no be faibled to the feeding of the King's Deer, is cultured to the fold within the Feeding in the Feeding and the Feeding in the Case Law, the confering α, believing of a Benefice by a Billope, who has it is his one COLLATION, in the Cases Law, the confering α Collating diffusion from Englances in that the latter is performed by the Billope, at the Mosters of Perfension of Jan. Heart (See Heart Terra 1997). Motion

Collation also differs from Presentation, in that the laure is properly the Act of a Patron, offering his Clerk to the Bi-flop, to be instituted into a Benefice, whereas the former is the Act of the Bissop himself. See Parsentation.

The Collator can never confer a Benefice on himfelf.

In the Romifo Church, the Pope is the Collator of all Be-In the Resulf Church, the Pope is the Colletter of all Be-netice, rece ackine once, by Percenting, fetting shift Co-fifted in Benefics, and thole in the Nomitation of Jayph; troop, Pealtrea and Billiops are call? Ordinaries, received, nay Colletter. Dept of Colletter neglect for Continues, of the Colletter neglect for execute his Right for fix Months, the Imperior Colletter may culture by Deviation, Thus, if the Billion pealect, the Metropolitan may confire them the Trimatte, and is on fine independent page, where, he from the Colletter neglect for the Colletter of the In Francis for the Colletter of the Colletter of the In Francis for the Colletter of the Colletter of the In Francis for the Colletter of the

In France, the King is the Collator of all Benefices, where, of he is Patron, excepting Confiforial ones; to which he has only the Nomination; and the Pope, by Virue of the Contordat, is obligd to confer on whomfoever the King nominates. For the reft, he is direct and allolute Contordat and may confer em, by Virue of a kind of Pricithood annex'd to the Royalty

Other Lay-Patrons have feldom more than a more Prefertation; the Collation properly belonging to the Bifthop: yer there are Abbots who have the full Right of Collation.

there are Abbots who have the full Right of Cultures.

The Canonitir recken two Kinica of Cultures, the me Free, and Voluntary, the other Newefirey. The farth deep the Comment of the Com

permutant.

The a Maxim in the New Canon Law, Collationes funt in fruitibut; 4 Thofe who have the Fruits of a Benefice have the Collation. But in that Cite, the Wood Collation is suff for Prefencation. See Farsany arrow, 35%.

A collated AQ is equivalent to an Original; provided all

the Parties concern'd were prefent at the Collation COLLATION, in Common Law, is the Comparison, or Pre-fentation of a Copy to its Original, to see whether or no it be conformable: or the Report, or Act of the Officer who

made the Comparison.

Collarion is also used among the Romanists for the
Meal or Repust made on a Fast-Day, in lieu of a Supper. Sec FAST.

Fruits are not allow'd in a Collation: P. Lobineau observes, that anciently there was not allow'd, even, bread in the Colli-tions in Lens; nor any thing befide a few Confitures and dried Herbs, and Fruits: which Caftom, he adds, obtain'd till the Year 1513.

Cardinal Humbart observes further, that in the middle of

the XIth Century, there were no Collations at all allow'd in the Latin Charch in the time of Lent; and that the Custom of Collations was borrow'd from the Greeks, who themselves
did not take it up till about the Xith Century. See LERY.

COLLATION is also popularly us'd for a Repast between

Dinner and Supper.

The Word Collation, in this Sense, Du Cange derives from Collocutio, Conference; and maintains, that originally, Collation was only a Conference, or Convertation on Subjects of Piety, held on Fath Days in Monafteries; but that, by degrees, the Conform was introduced of bringing in a rew Reference: and that by the Excelles to which those follows:

Reputs were at length carried, the Name of the Abde was retained, but there of the Thing loft. COLLEAGUE, a Companion, Partner, or Afforiate in the time Office, or Magistrature.

The World is particularly used in speaking of the Remass.

The Word is perticularly and In freshing of the Attenta Conflain, and Emperious or charitable Parapha. COLLECT, or COLLECTION, a voluntary gethering of Money, for from groun, or charitable Parapha. Money for from groun, or charitable Parapha. Money for the Collection of the Collection of the Days of Collectifs, and in Collectifs, i.e. in Safethiles of Christimus but, more probably, quae collegistant presentia. The Word is foresternes also due for a Tax, or imposition, early of the Collection of the Collection of the Collection that is 11 see, the Ring of England, coming into Mornandy, the Collection of the Collection

appointed a Collett for the Relief of the Holy Land, at the Defire, and after the Example of the King of France, the Defire, and after the Example of the King of France.
COLLECK, in the Liturgy of the Church of England, and
the Mass of the Romanifit, a Prayer accommodated to any
particular Day, Occasion, or the like. See LITURGY and

Mass.

In the general, all the Prayers in each Office are call'd

Galdelt; either because the Prieft Freaks in the Name of

the whoe Afficiants, whose Sentiments and Defires he fams

up by the World Oremon, Let us pray a as in other'd by

Free Eurocor III. e., because those Prayers are offered when

the People are affermbled together; which is the Opinion of

Pamelins on Tertullian.

The Affembly it felf is in fome autient Authors called Julies. The Popes Gelafin and Gregory are faid to have been the first who established Collects. Defense, a Doctor

Collett. The ropes tengen and vergeny are use to mave been the first both child Calefath. Dippeng, a Debte of the Breath of Paris, has an expect Treastic on Calefat, to the Calefath of Calefath, and the Calefath of Calefath, COLLECTUR, a price of the Calefath of Calefath of Calefath, Word that expected a multitude, a the Iriel's Employer. Word that expected a multitude, a the Iriel's Employer. COLLECTUR, a Proton commission by the Committies new of any Dany, the Inhabitation of a Strike, or the like, the Calefath of Calefath of Calefath of Calefath of Calefath COLLECTUR, a Proton commission of the Calefath of Calefath COLLECTUR, a Proton commission of the Calefath of Ca

is left a Legacy in common with one or more other Persons.

See LEGACY. If the Thing be bequeath'd in filido, the Portion of the

If the Thing be bequeated in filled, the Fortion of the deceded Collegatory accrues to the reft.

COLLEGE, an Affemblage of feveral Bodies, or Societies; or, even of feveral Perfora into one Society. See Society. The Term College, among the Romans, was used for an Affemblage of several Persons employ'd in the same Func-Affemblage of feveral Perfons employ'd in the fame Func-tions, and as it were bound together to act, or ferre in con-cert. It fort'd indifferently for those employ of in the Offices of Redigios, of Government, the Liberal Arrs, and even Mechanical Arts, or Trades: So that the Word properly fig-nified what we call a Corporation, or Company. See Con-

FOR ATION.

In the Reman Empire, there were not only the Chilege of Anguer, and the Chilege of Capitalini, i.e. of these who had Chilege of Capitalini, i.e. of these who had Chilege of Anguer, and the Chilege of Anguer, and the Chilege of Local Chilege durings, the Chilege of Local Chilege durings, the Chilege of Local Chilege

of Milesty Casques, opportunity or tecensitient, Yebricham, Ca. Silker, Tylkerus of Malacian, Yibricham, Ca. Silker, Tylkerus of Malacian, Yibricham, Ca. Silker, Tylkerus of the End data exile
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Popule two College; which is did, to be End data exile
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divided from the Ciricas of the other College, they night we
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nil Biffings, Continuèrrons, and commerce-con-custing and the Denis College of the Denis of the Each Outlier is always in Editor of Office. Consace is fall would five a public of Consace is also will five a public of the Consace is also will five a public of the Consace is also will five a public of the Consace is also will five a fall of the Consace is also will five a fall of the Consace is also will five a fall of the College conflicted as the Consace is also will be considered to the College conflicted as the Consace is also will be considered to the College of the College of the College of Colpha College.

The Excition of Calinger is pure of the Royal Peropative, and not to be done without the King's Confear. Among the Girect, the Lycens and decidenty were the collected Calinger; she latter of which has given in Name with the which in Latin see called Andersine. With the With them, the which in Latin see called Andersine, with them, the called the confear of the Paris of the or Rhener, might be cilicent in an of Capitor of the Capital C

or Rhecor, might be effected a kind of Coffees of it felf. See Lucesus, and Acamesus.

The Resease came late into the fulfitution of fuch Coffees: They had, however, feveral, founded by their Emperors; effectively in Gand; the chief whereof were those of Mar-

especially in Gaul; the chief whereof were those of Mar-feilles, Linns, Bestonen, and Beardsause.

The Jear, and Expiriture too, have had their Colleges a the Chief of the first were those of Jerussialem, Thiories, Nardes, Pompadeies, Sura, and Balysine: this last is fall to have been instituted by Beckiel, and to have substitled in

Maries, rempesars, costs, son assertions.

Maries, rempesars, costs, son assertions with indicated the Electric all Colleges of this kind have been generally in the Hands of the Colleges of this kind have been generally in the Hands of Hands of

The Colleges in London are. Show-College, or the College of the London Clergy; which

The Oliger is Limite use,

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Sim Counties, we the College of the Sim Counties

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ander 18 Mr. Will. it was called Eight's Spirits, from the

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the College of Limite, who were incorporated in 1511, at

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The Officers of the Corporation are the Profiler, we

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and Rock 4 by Mr. Simfle, chiefly for the Counties of the Eiferhop. They have a good Library, both

and Rock 4 by Mr. Simfle, chiefly for the Counties of the Eiferhop.

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By the close in these transposances are the close of the confidence to the confidence of the confide

In or within form Miles of Landon; to fice, amerce, and imprison them at difference.

The Number of Fellows miles are a supported to the Control of Fellows and the Real of th

In 1696, the College made a Subfription, to the Number of 42 of their Members, to fet on foot a Difpenfatory, for the Relief of the fick Poor: fince that, they have erected

the Relief of the fick Foor: fince that, they have creeted we other Differentieries. Soe DISTENBATORY.

GREEDING COLLEGE, OF COLLEGE of This lightly 12 a College founded by Sir Teb. Grettlems, and endowed with the Revenue of the Royal Exchange: One Molecy of this Endowmen the Founded bequested to the Mayor, and Addemen of London, and their Succeptor, in trait, that they flowed find from the Perform to read within the College, Distention of the Colle

Boald find four able Perfors or read within the Caligor, Dividity, Geometry, Althonomy, and Munick; and no allow each, befides Lodging, to Pounds for America of Merces, to The other Moscope to befire the Company Low Performance of Merces, to the Company Low Performance of Merces, to the Company Low Performance of Merces, to the Company Low Performance of Merces, and Rhesotick, on the fame Termis, with this Limitation, and Rhesotick, on the fame Termis of the Termis of the Merces, except Sundays in the Mercing in Law, in the Alternoom the fame in Leightle that in Multick to

be only read in English.

In this College formerly met the Royal Society, that nob

In this College formerely met the Royal Society, that soble Andomy, infinited by K. Carire II. I and cickentee there-out the World, for their Improvements in Natural Know-lesday. See item Hillery and Folley, water Society, Cor-tical College, See item Hillery and Folley, water Society, Cor-tical College, See item Hillery and Folley the Royal in College, See item Actor. They had a Second Churter from King Edward VII. and a Houle built near Deliver Commons, by the East of Derby, and the College College College, and the College College, and the College College College College College, which Houle is of Narjok, in the Reign of Queen Mary; which House is

Of this Collegiste Society, are three Officers filled Kings of Arms, Reges Armorum Anglicorum. See King at Arms. Six Hemida. See Harald. And four Purfuivants. See PURSUIVANT.

COLLEGES of Common Laws. See lans of Court, and COLLEGES for difabled Scidiers, Seamen, &c. Sec Hos-

COLLEGIANS, a Religious Sect, form'd among the Ar minians and Anabaptiffs in Holland; fo called, because of their Colleges, or Meetings the first Sunday in each Month; where every one has the same Liberty of expounding the

Scripture, Praying, &c.

They are faid to be all either Arians, or Socialians: They never Communicate in the College, but meet twice a Year from all Parts of Holland at Rintbourgh, a Village two Miles trom all rares of Holland at Rinibearge, a village two Miles from Leyder, where they Communicate together; admit-ting every one that prefents himfelf, without regard to his Sect or Opinion. They have no particular Miniflets, but each officiates as he is difpos d. They never baptize withour plunging.
COLLEGIATE, or COLLEGIAL Churches, are those

which have no Bifnop's See; yet have the antient Retinue of the Bifnop, the Canons and Prebends. See Chuncu, CANON, ESC.

CANON, U.S.
Such are, among us, Westminster, Rippon, Windsor, &c.
O'thele Collegiste Churches there are two Kinds; some of Royal Foundation, others of Ecclessified Foundation each of them, in Matters of Divine Service, are regulated in the fame manoer as the Cathodrals. See CATHERS AL.
There are even some Collegiste Churches which have the

Epifcopal Rights. Some of thefe Churches were antiently Emission assignment of their courses were antentry Abbies; which, in time, were focularied. See Amyr.

The Church of St. Peter's Welthinfler was antiently a Cathedral; but the Revenues of the Monaftery being by Act of Parliament 12 Eliza, vettled in the Dezn and Chapter, it commend a Categoriet Church.

In feweral Caules, the filling it Cathedral, instead of Colle-giate Church of Westminster, has occasion'd Error in the Pleadings.

Pleadings.

COLLETICS, in Medicine, fuch Remedies as join, and
glue together the feparated Parts, or Lips of a Wound, or
Ulcer; in order to re-effablish on in their natural Union,
See Accurinant, Woons, Se.

Colleticks are more deficeative than Sarcories; but left co an Englorica. See SARCOTICS, and Epurorics

than Espatoias. See Sancovica, and Fertzerrica.

Among Oldrier are marked Linkerys. Aces, Myrch, Cr.

The Word comes from the Gryde zelemnia, douething that

COLLIQUATION, in Flarmenty, be Adlion of method to generate the COLLIQUATION, in Flarmenty, but method on highed countries, or more field Solutions; a rendering on highed Count, fel. by Multimes See Fersion, Disnovarion, 45c.

Coxisting arrows in a file wid to expect fisch a Temperature of the Commission of the Commissio

HECTIC.

The curative Intention in this Crife, is the giving a brace Confidence to the Juices by Balfamicks and Aggustiumes; and the hardening of the Solids by Subaltringens. Hence, COLLIQUATIVE Feor; is a Feore attended with a Diardness, or profite Sweats, from too loofs a Contexture of the Fluids. See Contentations, idea file. Be-

Diarnies, or product Sweats, from too look a Contexture of the Fluids. See Collinguation; fee alio Exvis. COLLISEUM, or COLISEUM, in the autient Architec-ture, an oval Amphitheater, built at Rome by Vefpofian, in the Place where flood the Vond of Ners's gilded House.

the Place where though the Yond of Nery's gilded Houle.

In this were feen Statues, repreferring all the Provinces of
the Empire; in the middle whereof shoot that of Ruse,
holding a golden Apple in her Hand. The fame Term, Gallifettm, is also given to another Amphitheatre of the Empe. ror Severus

In the Collifes were represented Games, and Combass of Men and wild Beatts: There is now little remaining of ci-ther of them; Time and War having reduc'd 'em to Ruing. Sec AMPHITHEATRE

The Word is form'd from Colofferum, on account of the Coloffies of Novo, that flood near it: or, according to Nar-dini, from the Italian Colifes.

COLLISION, the Friction, or Percussion of two Bodies moving violently with different Directions, and dashing

against each other. For the Laws of the Collifon of Bodies, fee Percussion. COLLUSION, a fecret Understanding between two Par

COLLUSION, a fecret Understanding between two Fat-ties, who plead, or proceed fraudulently against each other, to the prejudice of a third.
In the Canon Law, Collusion, in Matters of Benefices, va-cates the Benefice; and incapacitates the Person from holding

any Benefice at all

any Benchec at all.

COLLUTHIANS, a Religious Seft, who arofe about the
Beginning of the IVth Century; on occasion of the Mildreis
and Indulgence thewn to Arius, by Alexander Patriarch of Alexandria

Alexandria.

Several People being feandalised as fo much Condefeerfions and among the rest Collatens, a Priest of the fame Gity,
he hence took. a Pretence for holding feparase Affemblies,
and by degrees proceeded to the Ordination of Priests, as all
he had been a Bishop: pretending. a Necestity for this Asthority, in order to oppose. Arian.

To his Selfish he added Heresty; teaching, that God did

not create the Wicked ; that he was not Author of the Evils that befal Men. &c.

He was condemn'd in a Council held at Alexandria by Fus, in the Year 335.
COLLYRIDIANS, antient Hereticks, denominated from

a little Cake, call'd by the Greeks Collyra, which they offer'd

a little Cake, call'd by the Creeks Collyva, which they one'd to the Vigin Mary.

This Sech, it feems, confifted chiefly of Arabian Weenes, who, out of an Extravagance of Devotion to the Vigin met on a certain Day in the Year, to celebrate a foliant Feath, and to render Divine Honours to Mary as to a God defis, eating the Cake which they offer'd in her Name. Epiphanius, who relates the History of this supershirious Ce-

remony, laughs at it.

COLLYRIUM, in Medicine, an external Remedy, particularly appropriated to Difeafes of the Eyes. See Evr..

There are two Kinds of Callyriums; the one liquid, the

Liquid Collyriums are compos'd of Ophthalmic Pouders, or Waters; as Rofe-Water, Plantain-Water, that of Fennel, Eyebright, &c. wherein they diffolive Tutty, White Vitriol,

Eyebright, 26r. wherein they difficite Turry, White Vitelo, or often either proper Fouder.

The Dry, are Troches of Rhufis, Sugar-cardy, Int, Turry ground, 45r. blown into the Pays with a little Pays.

Foundation of the Pays of the Pays of the Company of the Co

COLON,

COLON, in Grammar, a Point, or Character form'd ing is required to feparate 'em from the other Part of the fress of a Periods See Poursyne, of cealing Fast and Casses.

Sentence, which they are opposed to: And this is a Colon. less of a Period. See POINTING; fee also Pranon, and Cooma. Grammarias generally adfign the Uff of a Colur to be mark the Middle of a Period; or to conclude a Sense left perfect than the Dot, or Period: But, a Sense left perfect than the Period, is an Expression infinitely vague and inde-reminate. See Pranon.

perminate. See Person.

Others fay, 2 Chlor is to be afed when the Seafe is perfect, but the Sentence not concluded: but neither is this over clear and express. Add to this, that in Fractice our best Writerland.

clear and express elear and express. Add to this, that in Pract

clear on compen-cation and the "Semination III of the Com-letion III of the Compency III of the Compency III of the UII of the Colory has does not much distinguish in from the Semination is performed to the off-their, indifficuely as and calls 'and by a common Name, Internations 'Parinty's and calls 'and by a common Name, Internations 'Parinty's performance of the Compency III of the Compency III of the galls the Experimentary Members of a Period. By piperamentary Mombers are many, fact as the pre-cedent costs dust ratio carp for the Compency III of the colors of the Compency III of the Compency III of the Parint, when the Compency III of the Action of the Compency III of the Compency III of the Compency III of the III of the Compency III of the Compenc

as have indeed a Dependence on what goes before, even the what goes before has a compleas Seafe, independent hereon-v. g. The Angullan Afte was 16 eminear for goed Poets, that they have ford as Models to all others: yet did it not yield any good Tragic Poets. Where the lapermannerary Member, and the Use of the Colon are obvious.

The most obvious and femilie Use of the Color be adde

The most obvious and fentible Ufe of the Catine, he adds, is when the furgerammenty Member is diffilingshift do by fonc Cosjunctions; a notwithstanding, however, but, except that, subtle, instituted, as, yet, fince, the rather as, provided that, get. Some, indeed, use the Catin in the Middle of long Periods, whose any regard to Supersumerary Members: which Custom was probably introduced, to mark that the Breath is here; to be taken almost as much as in a common Period, in here to be taken almost as much, as in a common Period, in the Place where the fupermourerry Period commences. But this, at both, in arbitrary, and the intermediate Pointings may always be omitted in a Pector three be no fupermorery Members; i.e. if there be no fuberiouser Member, but what is expected from the precedent. So the control of the commence of the comme

than the Semicolon, there is nothing precife to be faid of it; except that the Colon shows the supernumerary Member more detach'd, and sets it at a greater distance from the rest; and

except that the Galos threat the fuper-interactly Member more decarded, and first it at a general distinction to be religious decarded, and for at large parts of this come for each of the comparison of the comp

junct. See SENTENCE.

y: A Coon, on all Principles, serves to distinguish those con-junct Members of a Sentence, which are espable of being divided into other Members; whereof one, at least, is con-

junch. See Sintance. At one cannot differe the Shadow Thus, in the Sentence, At one cannot differe the Shadow woving along the Dial-plate, So the Advances can make in Knowledge are only perceive by the Diffusor gone over; the row Members being both finingle, are only feparated by a Com-ma: In this, At one perceive the Shadow we have moved, but did not be the shadow of the Shadow we have moved, but did max is thin, driver previous the Statebrean been award, but did not previous mind, so were designed to the statebream of the statebream of

Sentence, which the See Principation. Colon, in Angromy, is the fecond of the thick Intellines

Ser Investor

See Instruction.

The Colon is pinced between the Genus and Redfung and a wider than either of them. In loopsh it is eight or nine in wider than either of them. In loopsh it is eight or nine to the colon of the co

At the Beginning of this Gut, there is a Valve form'd by the Production of the inmost Cout of the Intestines in this place; which hinders the Excrements, when once fallen in

pince a which hadser the Exerments, when once fillen in-to the Claffs, fine regards to the Ritims. It has a throng Ligamone again to the Ritims. It has a throng Ligamone again to the Alleman the Claffs of the Exerments, and draw it together in exclusive the Refulls which, which he Valuate Construct, restant the Pelangs of the Exerments, that we may not be confinedly after the Claffs of the Claffs which, which have been provided to the Claffs of the Claffs with the Valuate Construct, restant the Pelangs of the Exerments, that we may not be confinedly after the Claffs of the Claffs of

ger than those of the other Intellines; because a greater Strength is requisite to cause the Excrements so ascend. The chief Defign of the Color's furrounding the Abdo-men, and, with the Resistant, coaching all the Pars consisted in it, seems to be, that by immediate Pomeranton with Clyfin is, feems to be, that by immediate Fomenation with Clyf-ters, they might be easy of their Maladies. See Crivres. Some derive the Weed from associate, to retard; in regard vis in the Folds of this Intelline that the Excrements are floopy'd and form'd. Others feech it from assoc, believe; on account of its Capacity: Others again from what some so be tormented; in regard of the grievous Pain it frequently

Tis from this Part that the Colic takes its Name.

COLONEL, an Officer in the Army, who has the Com-mand of a Regiment, either of Horfe, Foot, or Dragoons. See RESIMENT

in the French Army, Colonel is confin'd to the Infantry

In the French Army, Colonel is confind to the Intantry and Dragoons: the commanding Officer of a Regiment of Horfe, they smally cell Mether the Court, Skimmer derives the Word from Colony; being of Opinion, the Chiefs of Colonies might give their Name to the Chief

COLONEL Lieutenant, is he who commands a Regiment of Guards, whereof the King, Prince, or other Person of the first Eminence is Colonel. See Guands.

These Colonel's Lieutenants have always a Colonel's Com-

The Colonel Lecentement have always a Coloner's Committion, and are usually General Othern.

Licentenant OLIONIL, is the focond Officer in the Regiment; who is at the Head of the Captains, and commands in the ablence of the Colonel. See Likewinkar.

Licentenant Colonel of Horie, or Dragoons, is the first Cap-

Lieuxenant Commet of Horie, or Dragoons, is the first Cap-tain of the Regiment. See Capyann.

COLONNADE, a Perifyle, of a circular Figure 3 or a Series of Columns, dispos'd in a Circle, and insulated within-

dide. See Praisyves.
Such is that of the little Park at Verfailles, which confiles
f 32 Innie Columns; all of folid Marble, and without In-

combinion. A Piejfigit Gozons a. Pa., in that whole member of Columns is too great to be raken in by the Eye at a fingle View. Such is too great to be raken in by the Eye at a fingle View. Such is too great to be raken in by the Columns of the Beric Columns of the Beric Port at Reast which confills of 3/6 Columns of the Beric Colons of Order, coin above four Year of the Beric Colons of Colons of the Section 1990. Secti

ferves to ease, or discharge the Inhabitants of a Country; where the People are become too numerous, fo that they

cannot any longer conveniently substit.

The second are those established by victorious Princes and People, in the middle of vanquished Nations, to keep 'em in

and obedience,

awe and doedlineer. The dated may be call? Colonies of Consurers a because, in order, in Track in the Gab Cocation and Object thereof. A gas after the Dayley, the End, for the Country, the Gab Country, and the other Parts of the Earth become instabled ϵ and with the other Parts of the Earth become instabled ϵ and with the content of the Country of the Country

Gauls, Italy, and the other Southern Parts of Europe; and after leveral bloody Battels, divided it with the antient In-

For the fecond kind of Colonies, the Remans us'd 'em m For the tecond kind of Colonies, the Romans used rem more than any other People; and that to fecure the Conquests they had made from the West to the East. Every one knows how many Cities in Gand, Germany, Syain, and even Eng-land, value themselves on their having been of the Number

of Roman Colonies. cf. Roman Colonics.
Lathy, the Colonics of Commerce, are those effablished by the English, Franch, Spatuards, Pertiguash, and other Nations within these two last Centuries, and which they called those fill to calabilith, in several Parts of Asia, Africa, and America; cither to keep up a regular Commerce with the Natives, or to cultivate the Grounds, by planting Sugar-Canes, Indigo, Tobacco, and other Commodities. See Com-

The principal of this Kind of Colonies, are in the one The principal of this Kind of Calonies, are in the one and the other America, Northern and Southern particularly Pern, Mexico, Canada, Virginia, New-England, Caroline, In Laufilinee, P. Acadea, Haddon's Bey, the Amilles [Hands, Famalica, Dominge, and the other Illands, In Africa, Madagaffer, Cafe of Good Hope, Cape Verd, and its Illands, and all thole with Coatle, exenced thence as

far as to the Red Sca.

far as to the Red Sea.

Laftly, in Affe, the famous Basseris of the Dutch 5 Ges.

Dan of the Portugues 5 and some other less confiderable
Places of the English, French, and Danes.

M. Faillant solls, Tall a Volume in Followith Medals struck M. Fattant has fill'd a Volume in Foliowath Medals throck by the feweral Colonier, in hosour of the Emperors who founded bem. The ordinary Symbol they engray d on their Medals, was, either an Englie ; as when the Veteran Legions were diffributed in the Colonier: or a Labourer, holdgions were distributed in the Commercial School of a Localett, storing a Plough drawn by a pair of Oxen , as when the Colony confished of ordinary lababitants. On all the Medals are seen the Names of the Decemvirs; who held the fame Rank, and had the fame Authority there, as the Consist had at

Rome. See Dreemvib There were two Kinds of Colonies among the Romans; those sent two Exists of Country among the Rollings those sent by the Senate; and the Military ones, confishing of old Soldiers, broken and disabled with the Parigues of

War, who were thus provided with Lands, as the Reward of their Services S e BENEFICE.

of their Services. See HERREFICE.

The Colonies fent by the Senate, were either Roman, or
Latin; i. e. compos'd either of Roman Clitzens, or Latint.

The Colonies of Roman Clitzens had the Right of Suffrages; but had no part in the Offices of Homores of the Republick. The Inhabitants of Letin Colonies, had no Right

Colonies of Homore and Promitting Security.

public. The Indutenne of Letin Colonies, bad on Right of Suffingas without an experie Formation. See Cursus, the Colonies of Letin Colonies and Colonies and Colonies and what they call of the Industry at the Name, only enjoying what they call of the Industry at the West Colonies and Thuce yield by the Provinces a Such were the Tributes and Thuce yield by the Provinces a Such were the Tributes and Thuce yield by the Provinces as Such were the Crigolally, the West Colony Regirled an once than a Farm 1, c. the Ilabitation of a Pealint, with the Quantum of Land influences for the Support of this Lamby 2 Quantum of Land influences for the Support of this Lamby 2 Quantum

Colonis units arare poterat.

COLOPHONY, a kind of Gum; being only a finer Tursentine, boil'd in Water till it be reduc'd into a folid Con-See Turpentin

filtence. See Tubenning is in the Core of Venereal Aillegs, Seminal Weakneffes, the Whites in Women, Efc. The Apothecaries make it into Pills, which they noll in Liquorice Fowder, or cover over with Gold-Leaf, and call them Tubenning Pills.

them Turpensine Pills.

It is allo used by Mulicians, to rub the Hairs of their Bow
withal 3 the Effect whereof is, that the Gum cleaning the
Hairs, and communicating to 'em a renacious Quality, prevents their filding too cafily over the Strings; and promotes

vents their modifies of callify over the Strings; and promotes that trembling which forms the Sound.

COLOMINST is allo an olegimous Sobilance, of a yellowish Colour, day, and frizble, compord of the Remains of
Reina of Fir, and Fir-Apples, condens'd by Cocilion, and
harden'd by Cold.

To be good, it must be shining and ederiferous; and when thrown on the Fire, render a Smoke like that of In-

cenic.

"Pling Lys, Colophony took its Name from Colophon, a
City of Londs, whence it was fift brought.

"Its now frequently called Spanish Wass, or Greeian Reflit; as it is brought from the one or the other of thole
Countries. It is found to warm, try, fofern, and sugarthrane,
and disally enters the Competition of Pailfiers and Ungerents.

Categories we had to deal for the Remning of Turpernine

diffilled; or the gross Part reling at the bottom of the Vef-fel. See DISTILLATION. COLOQUINTIDA, or COLOCYNTHIS, usually call'd Bitter Apple; the Fruit of a Plant of the fame Name, brought from the Levam; about the bigness of a large

The Golour is that of a golden bowers I to indide is fail of Kennels, which are no be askes not before the Carinette be Caleporate is to confident but the Medicine, but may be confident but the Medicine, but may be asked to the confident but the Medicine, but may be asked to the confident between certain particular to the Confident Competitions, in the Confident Competitions, but concern, as an impedient, in the Confident Famour, and searched with gent factors, in the Confident Competition Com

lagis to last degree, as found-inner to bring away Blood, and include a Superpartition. Sometrines it is taken half if a Water, or Small fixer, in Obstruction of the Mandar, which, Water, or Small fixer, in Obstruction of the Mandar, which, Women have go a ratic of exhibit, if in the firme manage, in the lepitanting of Pregnator, to procure Abortion, which is define melicits by the Volence of la Operation. Letter, or the Control of the C

rando, Cyders of Cologue have fail'd.

Troches made of Cologue, are called Treches of Albandal. They are prepared by cutting the Coloquintida very finall and reducing it to a fine Pouder in a Mortar, rubb'd wish Oil of fweet Almends; adding Gum Tragacanth, and Mallic

afterwards. See TROCHES. The Word comes from the Greek seasowide, which was si-

in regard it surias use, azitates the Belly. ven it, in regard it subsul sume, optiates the Entity.

COLORBASIANS, a Branch of Genefite's; fo cilid
from Colorbafus, who improv'd on the Vitions of the Gage
tick! that had preceded 'em. St. Epiphonius enumerates
and confutes their Errors. See Gnoories.

and contarts their Errors. See Grossitics.

COLORISATION, or COLORATION, in Pharmacy,
a Term applied to the feveral Changes of Colour which Bodies undergo in the various Operations of Nature, or Art;

as by Fermentations, Lotions, Coctions, or Cakinations, Sc. Sec Colove, and Coloveing.

COLOSSAL Column. See Column. COLOSSUS, a Statue of a prodigious Size, reprefenting

a Giant. See Status.

The most eminent of this kind was the Cotoffus of Rbodes,

The mod eminency this kind was the Cuiffing of Robet, a Stence of John, high, that Shipp, and with this Gib. Bish, the Shipp, and with the Gib. Bish, the County of the West of the County of the Coun

are, in reality, the landscream or reality and emention of months of the structure of the s

whence one might discover Syria, and the Ships that west into Egypt, in a great Looking-Glass, that was hung about the Neck of the Statue.

the Neck of the Statue.

Among the Antiquities of Rome, there are feven famous for Antiquities: two of Jupiter, as many of Apollo; one of Ners, one of Demitten, and one of the Sun.

The Term Coloffia takes its rife mean number of wom, good mines of the Sun.

COLOSTRUM, or COLOSTRA, in Medicine, Milk coagulated in Womens Breafts. See Mr. z.

The Name is also given to a Difease which this coagulated

COLOUR, in Philosophy, a Property inherent in Light, whereby, according to the different Sizes, or Magnitudes of its Parts, it excites different Vibrations in the Fibres of the its Parts, it excites different Vibrations in the Fibres of the Optick Nerve; which propagated to the Senforium, affects

Optick Nerves, which propagated to the origination, assessed the Mind with different Seniations.

Or, Colour may be defin'd a Seniation of the Soul, excited by the Application of Light to the Revins of the Bye y and different, as that Light differes in the degree of its Referrally bility, and the Magoltude of its component Parts. See San-

In the former View, therefore, Light is the Subject of Co-lour; in the latter it is the Agent. See its Properties un-

der the Article Liony, Various are the Opinions of antient and modern Authors, and of the feveral Sects of Philosophers, with regard to the Nature and Origin of the Phenomenon Colour: The mod populor Opinion, is that of the Ariffeteinus; who maintain Colour to be a Quality refiding in the colour'd Body; and to exiti, independently of Light. See Quality. The Cartelians come nearer the Matter: They own, that

The Cartefians come nearer the Matter: 'I ney own, that as the calour'd Body is not immediately applied to the Organ, to occasion the Senfacion, and that as no Body can affect the Senfe but by immediate contait; the calour'd Body feet the Senic but by immediate contact; the colour's Hody

does not excite the Sentition of it fell; or contribute any thing or it, otherwise than by moving fome interpret Medium, and by that the Organ of Solid. Sould be the Solid of the Solid of the Solid of the Solid Sould in the Arts, Light only occiding the Solid of Solid on the Arts, Light only occiding the Solid of Color, by moving the Organ 4 and that colored' Bollics are no further concerned than as they reflect the Light with a form a difference in the Texture of their Parus, whereby they are disposed to oreflect the Light with his or that Medi-thy are disposed to oreflect the Light with his or that Medi-

Beat 'tis to Sir Ijūac Neceton we are owing for a folid and confiltent Theory of Colours; built on fare Experiments, and Gleing all the Phanomena thereof: His Doctrine is as fol-

foring all the Finenomean thereof: Its Johnes is as no-ling. The found by Experience, that Rays, or Beams of Light, are compoid of Particles very betterepiscous, or diffinality to each other factor for the property of the Light which are the most minute, are of all others the most easily and most considerably diverted, by the Action of the refracting Surface, out of their rectilinear Course towards L: and the reft, as each exceeds another in Mignitude, fo is it with more difficulty, and lefs confiderably turn'd out of its right Line to the Points between L and G. See REFRAN-

Now, each Ray of Light, as it differs from another in its Now, each Ray of Light, as it differ from america in the degree of Refungibility, do does it delifer from it in Glater, this is surranted by sametens Experiments. The Further, e.g., which are not refulfield, as funded to cardiate a Ray of a winter Galter, E. a. as it probability, the melt have been considered to the control of the Con

ture a Radicins, or Ray of a red Colour; i. e. the largest Particles of Light excite the longest Vibrations in the Reting to as to excite the Senfation of red Colour, the brightnd most vivid of all others. See Ran.

eff and most vivid or all others. See R.D.

The other Particles being in like manner separated, according to their respective Magnitudes, into little Rays 3 excite the intermediate Vibrations, and thus occasion the Sensacite the intermediate Vioritions, and thus occasion the Senta-tions of the intermediate Colonys; much in the fame man-ner as the feveral Vibrations of the Air, according to their refrective Magnitudes, excite the Sentations of different inds. See Vibbation

Sounds. See Virearion.

To this it may be added, that not only the more diffied:
and notable Colours of red, yellow, blue, C.E. have thus their
rife from the different Magnitude and Refrangibility of the
Rays; but all to the intermediate Degrees or Teins of the
firme Colours; as of yellow up to green, of red down to yel-

low, Sc. Further, the Caburs of these little Roys, not being any adventitious Modifications thereof, but connect, primitive, and necessary Properties, as constiting, in all probability, in the Magnitudes of their Parts, must be perpetual and immutable; i.e. cannot be changed by any future Refraction or Reflection, or any Modification whatsoever. Further, the Colours of these little Rays, not being any

Reflection, or any Modification whatlover.
This is confirm'd by shandance of Experiments; all endeavours having been us'd, after feptrating a colours'd Ray from those of other Kinds, to change it into forme other Colour's prepared Refrictions, but to no ctifect. Apparent Transmatations of Colours, indeed, may be effected; even. Transmutations of Chiarts, indeed, may be effected; eve, where there is an Alliambiage, or Mixture of Rays of different Kinds; the component Colours never appearing in their natural Hue in fach Mixtures, but always allay d and temporal with each other. Per'd with each other: whence refults a middling Kind of Colour, which, by Refraction, may be feparated into the component ones: and those, after Separation, being remix'd, return to their former Colour.

return to their former Gulary.

Hence, the Transmatations of Cultury, by mixing those of different Kinds, are not real; but mere Appearances or Deceptions of the Sight: For the Rays being again severed, exhibit the firme Cultury as at first. Thus, blue used yellow Pouder, well mix'd, appear to the nained Eye general yet, without baving pass'd any Alterettion, when viewed theo's a Microflope, the blue and yellow Particles Bill appear different properties of the property of the property of the control of the property of th

Hence there arise two Kinds of Colours; the one originally and finaple, produced by homogeneal Light; or by Rays that have the lame depere of Refrangibility, and the same Magaintod of their Parts: Such are red, yellow, green, buc, a violet perple, orange, and indigo; with all their intermediate Trists and Gradations.

datas Telas and Gradition.

The other Kied of Gatur is femalory, or bettergoress; a commonded of the primary once, or of a Mixtor of Rays differency perspaise, Gatur probated by Components of the primary once, or the Components of the Components any two comes be mix'd, which in the Senes of thole gene-rated by the Prifm, are not too far apart, from their Mixture refulls that Colour, which in the faid Series is found in the mid-way between 'em: but those fituated at too great a diftance do not for

tance do not lo.

Indeed, the more any Colour is compounded, the lefs perfect and vivid it is: by too much Composition they may be
distanted and weaken'd till they cesse. By Composition there
may likewise be preduced Colours, not like any of those of nogencal Light,

homogeneal Light.

The moft exertoridinary Composition is that of Whitesels; for to this, all the primary Colours abovementiond are required; and those to be mixed in a certain degree. Hence it is that White is the ordinary Colour of Light; Light being nothing ello but a confided Affemblage of Rays of all Colours. See Westerness. ing norming the value of the state of the st

If the Rays of different Column do that begin to be figu-aread by one Refriction of one disple Surface, that he permanent is the state of the state of the state of the test by the state Refriction. This is obtaved in the test by the state of the state of the state of the parallel but, of all others, it is most ferallic in the gre-port of a tringuight riffing the Permonents whereof, as they are the Touchifoce of all Theories of Column; and the state of th

 The Rays of the Sun, transmitted thro's triangular Prilm, exhibit an Image of various Colours, (the chief whereare red, yellow, green, blue, and violet) on the opposite

Well.

The Residus I, that the differently estimal Rilys are for method with the control of the property of th

a. That Image is not round, but oblong; its length, when the Prifm is an Angle of 60 or 65 Degrees, being five times its breadth.

The Reason is, that some of the Rays are refracted more san others; and by that means, exhibit several Images of the Sun, extended lengthwife, inflead of one.

3. Those Rays which exhibit yellow, are turn'd further from the rectilinear Courie, than those which exhibit red;

fins the cellilistic Confe, than their which exhibit red y-hole which chalify grows, than bole which chalify sellows but, of all others, those which exhibit value the most i Ac-cordingly, if the Thim they which the Light is translatined. Rays be projected, in order, the 'a survey Agerman or another trivin, sellord at the Dilutes or both set a Feet, the yellow, green, feet. Rays, the falling they'the fine Ager-race, in the issue manner, and one the line Point of the fee-could Prins, will not be referred to the fame Paice as the red, but on a Point or time dilutes from it you that felto we do not not be a survey of the pair of the p which the Rotation is made

which the Rotation is made.
This is what Sit. I Nection calls the Experimentum Crucir: being that which led him out of the Difficulties into
which the fift Phenomenon, Ex. and the Difficulties into
him in and
plainty Hew'd a different Degree of Refringibility, and a
different Edwar corresponding thereon in the Rays of Light:
and that yellow Rays, or, are more ortakled han red orte,
green once more than yellow once 3 and blue and violet orter.

green dues more runn yearow use; sain that our work of the more of all.

4. The Cabury of cointr's Rays, well feparated by the Prilin, are not at all chang'd or deftroy'd by paffing an illuminated Medium, oor by their mutani Decadizion; their bendering on a deep Shadow; nor their being reflected from

any natural Body, or refracted thro' any one, in a Place howfpeyer obscure. The reason is, that Colours are not Modifications arising

The reason is, that Colours are not Modifications arting from Retriktion, or Reshecking, but immutable Properties 2 and such as belong to the Nature of the Rays.

An Alfembigue of all the Kinds of colour'd Rays, col-lected either by Several Prissen, by a convex Long, or a con-cave Mirror, or in any other manner, form what we call Wittend 2 yet each of these, after Decastation, becoming Whenevel 2, yet each of thefe, after Decentation, becoming feparated, again exhibits its proper Colour: For, as the Ray was white before its Parts were leparated by Refraction 3 fo, the Parts being remix d, it becomes white again: And colour'd Rays, when they meet together, don't defirey one another, but are only interfered.

another, but are only interpers of.
Hence, a red, green, yellow, blue, and violet Colour, being mix'd in a certain Proportion, appear whitiffit; i.e., are
of fuch a Colour as arifes from white and black mix'd togeof fuch a Cotour as stifes from white and black mix'd toge-ther: and if there were not some Rays shortd and loft, would be plainly white. In like manner, if a Paper cut into a Circle, be flaind with each of those Cotours, feparately, and in a certain Proportion; then fwiftly turnd round its Centre, so as the Species of Cotours be mix'd together in the Eye, by the britkness of the Motion; the several Colours

will disappear, and the whole Paper appear of one continued Colour; which will be a Mean between white and black. will imappear.

Colour; which will be a Moan between white and black.

6. If the Rays of the Sun fall very obliquely on the inner Sufface of a Prim, those that are reflected will be violet; those transmitted, red.

For, the Rays were colour'd before any Separation by how much they are the more refrangible, by fo much they are the more easily reslected; and by that means are

reparated.

7. If two hollow Prifms, the one fill'd with a blue Fluid, the other with a red one, be join'd together, they will be opake; the cach, apart, be transparent. For, the one machiniting once but blue Rays, and the other none but red ones; the two together will transfinit

none at all. All natural Bodies, especially white ones, view'd thro' a Prifin held to the Eye, appear fimbriated, or border'd, on one fide with red and yellow, and on the other with blue

on once lade with real and yellow, and to the desired with and violet.

For, those Fimbrie are the Extremes of entire Images, which the Rays of any kind, as they are more or less retracted, would exhibit, nearer, or at a greater distance from the real Place of the Object.

nne real Flace of the Object.

9. If two Plfins be fo placed, as that the red of the one, and the purple of the other meet together, in a Paper fit for the purpole, incompaid with darkness; the Image will appear pale: and if view'd thin' a third Pfilm, held to the

pear pale: and if view'd thro' a targe arms, become red, Eye at a proper diffance, it will appear double; the one red,

Eye at a geope dilance, it will appear double; the one red, the other purple.

In like manne it is not product, the one perfectly red, in the manne is mixed; any liste Body covered persty decepy with this Mixer, and rieved with or Afrim Bodd to the Fee, will exhibit a double lange, the one red, and the other blace is negarity, the red and replay, to the Rays, will exhibit a double lange, the one red, and the other blace is negarity, the red mixer paper, to the Rays, red for the red of the r

a blue onc.

a blue one.

Becaufe, in the first Cafe, the red Rays, being formewhat
more refracted, are the higher; but, in the fecond, after
Doughlion in the Feez, the blue ones.
Latifly, if the Rays about to pals thro 'cither face of the
Papilla, be intercepted by the Interpolition of any opake
Rody near the Eye; the Extremes of Bodies, placed as if
wise dithm's A'rilin, will appear using d'un folders; thou those not very vivid.

For then, the Rays transmitted thro' the rest of the Pupil, will be separated by Refraction into Colours : diluted with the admixture of the intercepted Rays, which

diluted with the administure of the intercepted Resy, which would be refinited in a different remise. We are pre-wing the remise of the remise of the remise of the with two Holes, appears double, and also tinged with delawer. Of the Caccons of them 202ars. As Way of different to the contract of the remise of the remise of the remise think. Bolles 16 are they forested, the in a different mate-tor, in the this Lemnés, or Pitters of any pelhoid Many, or, it was the Lemnés, or Pitters of any pelhoid Many, or, it was the Lemnés, or Pitters of any pelhoid Many, or, it was the Lemnés, or Pitters of any pelhoid Many, or, it was the lemnés of the lemnés of the lemnés of the Ray of all Colleges, without reficielling any at all 1 by an chapter of the lemnés of the lemnés of the lemnés of the polymer of the lemnés of the lemné begin to reflect, first blue Rays; then, in order, green, yellow and red, all pure: then, again, blue, green, yellow, red, more and more mix'd and diluted; till, at length, arriving at a certain thickness, they reflect Rays of all Colours But, in whatfoever Part a flender Lamella reflects any one

Colour, v. g. blue; in that Part it always transmits the op-posite Colour, v. g. red, or yellow.

"Its found, by Experiment, that the difference of Colour of a Plate does not depend on the Medium that incompasses it; but the degree of Vividects does: cetters parishs, the Colour will be more vivid if the degree of the

it; but the degree of Vividencis does: ceters; parishes, the Colour will be more vivid, if the dender Meddium be incom-paired with the racer. A Plate, cetteris parishes, reflects more Light as it is thinner; as far as a certain Degree of this nets, beyond which it reflects no Light as all. In Plates whosh thicknettes increase in an arithmetical Pro-

is her times must be such a confirmation of order, &c.

A Colour of the first Order is the most vivid of any, not, and cucceffively, the Vividoels of the Colour increases, as the Quantity of the Order increases. The more the Thickeet of the Plate is increased, the more Colours is reflects; and the plate is increased, the more Colours is reflects; and the colour or there In fonce Plates, the Okay. of the fifte is increased, the more Company it reners; and those of more different Orders. In some Plates, the Chings will vary as the Position of the Eye varies; in others it is permanent.

permanent.

Corours of Natural Bodies. Bodies only appear of different Colours, as their Surfaces are disposed to reflect Rass
of this or that Colour alone; or of this or that Colour more
abundantly than any other: thece Bodies appear of that Sotour which arises from the Mixture of the reflected Rass. See Bony.

See Bow,

All Natural Bodies confift of very thin, transparent Lametle; which, if they be so disposed, with regard to each
other, as that there happen so Kestestions or Kestestions in
their Interdiscs, those Bodies become pelicid, or transprent 1 but if their Intervals be so large, and these filled with rent : but if their Intervals be so large, and those based was fach Marter; or, so empty, (with regard to the Density of the Parts thenselves) as that there happen a Number of Resections and Refractions within the Body; the Body, in that Case, becomes opake. See Transparance, and Other Case, becomes opake.

The Rays which are not reflected from an opake Body, penetrate into it; and there, fuffering immunerable Reflec-tions and Refractions, at length, unite themselves to the Pa-ticles of the Body it felf.

Hence, an opake Body grows hot the fooner, as it reflects Light lefs copioufly: Whence, we fee why a white Body, which reflects almost all the Rays that strike upon it, heats

which reflects almost all the Kays that fittice upon it, heats much more flowly than a black one, which reflects fance any. See Hran, BLACKNESS, Ed. To determine that Confinitution of the Surface of Bodies wherein their Colour depends; it must be obleved, that the inhallest Corpalitios, or first, Particles wherein Surfaces are insulert Corputcies, or first Particles wheren Sarface are made up, are note thin and trensperent; and Genared by a Medium of a different Denfity from the Particles themselves. In the Surface, then, of every collered Body. In immunerable finaller thin Partic, corresponding to those of Babbles: wherefore, what has been observed of those, may be understood of these.

Hence we gather, that the Colour of a Body depends on the Denfity and Thickness of the Parts of the Body, be-tween the Pores of the Surface: that the Colour is more ween the Fores of the Surface that the Colour is most vide and homogeneous, as the Farra are thinner; that care rip parliar, the faild Farra are the ethicked when the Booky are will be a read to be a ready to be a ready and the colour fail to be delicated to the colour fail to be delicated to the colour fail to be delicated to the colour fail to be delicated for the fail to be within its Porcs.

within its Pores.

New, of the feveral opake Bodier, those confilling of the thinned Lawrille are block; those confilling of the thinned Lawrille are block; those confilling of there is the thicked Lawrille, or of Lawrille very different from each continue of Lawrille very different from the continue of Lawrille, and of which are of fene jetural-claim of the continue of Lawrille, and of which are of fene jetural-claim children for the lawrille, and the which are of fene jetural-claim children for the lawrille with the continue of the lawrille with the lawrille with the continue of the lawrille with the lawrill with the lawrille with t or elfe transmit.

or elle transmit.

Hence it is, that fome Liquors, v.g. an Infusion of Lig.

num Nephriticum, appear red, or yellow, if view'd byrefleve

ted Light; and blue by transfinited Light: and god Lego
ted Light; and blue by transfinited Light: and god Lego
yellow in the former Circumstances, but green or blue in the

To this may be added, that feme of the Ponders used by Painters, have their Colour changed by being very finely ground; which must be occusioned by the Commitmetion or Break-ing of their fimall Parts into others full imailer; jud as a

sing of their final! Pares into others fill finality s just as a Lamella has in Colour alter(b, by altering in Thickacfa. In fine, those odd Phenomena arising from the Mixture of Liquers of different Colours, can no way be better accounted for, than from the various Atlions of the failine, Cfc. Corpulcies of one Liquer, with the colour of Corpulcies of another if they untile, the Mais will either fived or British, and her if they unite, the Mais will either fived or flarink, and thereby its Denfey will be alter \(\) if they fremene, the Sico of the Particles may be diminished, and thereby columned in come may become transparent \(\) if they congulate, an opake Liquor may be produced of two transparent cone. Hence, fine afty to fee why a colored \(Liquid, \) in a Giss \(\) of a contest Figure, placed between the Bye and the Lisph, appears of a different Color in different Parts or \(\) of the Vef-

appears or a different Corar in different varie or the ver-fel; there being more and more Rays intercepted, as they pais thro' a longer or a fhorter Section of the Veffel; till, at the Rafe, they are all intercepted; and none feen but those

neidelich.
From the various Colours of Natural Bodies, Sir I Netaus Olderwa, the Bigode first of Bodies, so Netaus Olderwa, the Bigode first of Bodies de properly exhibit
the finer Colour with a Lannist of Goules de properly exhibit
the finer Colour with a Lannist of Goules thickness, persibile
the fine Colour with a Lannist of Goules thickness, persibile
the fine Colour of Property, Sec. Colour, America, Sec.
The state digital Property, Sec. of Sec. Reasone, Sec.
Colours, in Painting, is applied both to the Drugs, and
to the Titlen produced by the Drugs, variously mixed and
to the Titlen produced by the Drugs, variously mixed and

un lie Team produced by table Drogs, verteally mich as argued, and contract data by Sinner, nor red, and white. Then placed graph of the produced by the produced graph of the produced graph of Gerest is Great it Kinds of Earth, an Older's Orginanet, their Land, Gennader or Vermittien, Gensheneth, Loten, his and green affices, buffer, remaining, the Carmining a sood of quick, early he manner, and Carmining a sood of quick, early her manner, and Carmining a sood of quick, early her manner of prajering them, there (Gip, So. to suden their refrections of the contract of the colours, force nor mid approach in Oil, other colours of the colours, and the colours of the colours of

Dark, and Light Colours. Under these two Classes. Dark, and Light Colours. Under their Colours the Painters reduce all the Colours they use: Under Light Colours are comprehended enhise, and all these which ap-Giorn re comprehended white, and an the most finest provided white and the state of the state of

MEMBERS, OR. and note to hear the first white above are self-in Enamelling. See EMAMARIANO.

EMAMBERS, OR. EMAMARIANO.

Calinar: By clergeable, are meant those which depend on the Sination of Objects with regard to the Eyes; as that of Taffense, of a Palignon's Need, Ed. The list, however, before the self-in the self

M. Mariotte observes, that there are two different Grada-

M. Mariate observe, that there are two different Gralesu, or Series of Caleuri, from white, to black a theore white, yellow, red, and the series of the other white, black, vider, Cocare, in Divier, There are few famile, primary, or Mohre-Caleuri, slick by the Divers, from the Mixuser whereof all nerve, and the property of the Caleuri, variously main and and combined, they

orn these essence, varoung mixed and command, they form the following Colours; panify, blue, and red: from the Mixture of blue and fearlet, are form'd susersant, wieles, and panify: From the fame Mixture of blue and crimfonted, are form'd the colombine or dove colour, purple, crimfon,

amaranth, panfy, and crimfon-violet.

It may be observed, that they give the Name Crimfon, to all Colours made with Cochineal. See Caimson, Cochi-

all Colours made with Cochinecal. See Calindon, Occiti-NIAA, Ele.

Of blue and red Madder, they likewife make purple, pep-pher-colour, ranecular, and day role: The fame blue, with ted half in grain, makes omeranth, ten-colour, and day role.

Blue, and half red crimton, compole quaeranth, ten-colour, day role, a brown panify, and fire-fram.

Bise and Teliere. These two Colours, mix'd together, compose a yellow-green, spring-green, grass-green, laurel-green, brown-green, dark-green as well as fea-green, parrox-green, and cabbage-green, 55c. These three last Colours are to be less besi'd than the first. Note, with regard to green, there's no Ingredient or Drug in Nature that will dye it; but the Stuffs are dy'd twice,

In Names that will day it just the Souffi are dy'd twice, fifth to bee, then yellow.

Blies and Brown. These two Cattors are never mixed and the south that the solution of red, where of Modelor or South that the solution of red, where of Modelor or Red and Trilow. All the Studes compared of defect two Cattors, as gody lego, names, manifold, entergo, nexture, granted tweet, name-colour, fee are made with yellow, and Red and Brown. Of the fee two claims are formed channes—colour, the feet, much, bears-hair, and even purple; if the red be chas of Modelor. Tellow and Recom The Colorer form'd from thefe two

are all the Shades of Feuille-morts, and Hair-Colours.

It may be observed, that the we fay, there are no Colours, or Shades, made from such and such Mixtures: 'tis not that

Shades, made from luch and fuch Micaros: it's nor that one can be maded by loat only that they are more cally found from the first of t

Ført es Gample, and Praegure. Tema, or kawry, and Sarguni, are not foromon. See cach follow under the proper Article Grats, Artus, Vara, UE.
Alto vyelow and white, call of or and organt 5 they are
Alto vyelow and when, call of or and organt 5 they are
Their Colours and Metals are fornetines also expected in
blacomy but Names of precious Stores, and Gonzelmes by
thefor Hinnes, or Stars. Thus, Or is call of Sol. and 76500 a,
Argent, Zume, and Paryl, Galle, Jahre, and Rody's Amer,
Yeurs, and Emeraldy, Perpere, Mercury, and daubtle's,
Tema, the Drogon's Hand, and Hyandry and Sanging,
the Drogon's Fall, and Sarchoux. See Saxts, Soc., Ancarry, Co.

centr, Gr.

It is a gosent and fundamental Rule in Bisson, not to place Glaine span Gainer, nor Mertil sprace Mettal. That is, if the Heidd her of Calour, the Bersing smit be of a Mertil to the Bersing of Sane Octafion, and in demo Carenthances, which was a fine of the Carenthances, which was a series of the Carenthances, which distinguish the younger from the Gold Families; and in the Extraordiscs of Animals Tongoes, Claws, Horns, Gr. In which Colfe, Carent may be on Oxforr, and Mettal on Mettal, without falls Hersiday.

Comments in fall on bure fart inversed the Dillication of Go-Camenta in fall of the bure fart inversed the Dillication of Go-Camenta in fall of the bure fart inversed the Dillication of Go-Camenta in fall of the bure fart inversed the Dillication of Go-Camenta in fall of the bure fart inversed the Dillication of Go-Camenta in fall of the bure fart inversed the Dillication of Go-Camenta in fall of the bure fart inversed the Dillication of Go-Camenta in fall of the second of the Camenta in fall of the C

Ommunes as faid to have here here the Distriction of Co-lours, to diffinguish the Quadrille of Combatants at the Circensian Games: the green for those who represented the Earth; and the blue for those who represented the Son. See

Hence, the antient Cavaliers took occasion to diffinguish themselves in their Tournaments, by Habits, Plumes, and Ribbands of different Colours; which were ordinarily those of their Mistresses, and were the Symbol of some Passion, or Ouslity.

Hence also the Origin of Colours in Liveries. See Livery. Colours, in the Military Art, include the Banners, Flags, Enfigns, Sc. of all Kinds, bore in an Army, a Fleet, or the

like. See Banner, Flag, Standard, &c.
Colores, are also used both in the Latin and Greek
Churches, to diffinguish several Mysteries and Feests cele-

ested therein In the Latin Church are only regularly admitted five Colours,

In the Leafue Church are only resplicitly admirted five Calours, vie., webstr., et agrees, voieting, and keep, the webstre for the Mytherica or the Strone, the Feeth of the Virgin, thole of the Mytherica or the Strone, the Feeth of the Virgin, thole of the Mytherica of Candidinary, the refer for the Mytherica Appellies and Marryas, given for the Time between Pearcool and Advent, and how my plant the Mytherica of the Calour Strone of the Candidinary, in Vigils, Regulation, and in voiety Mid-remote the Candidinary, in Vigils, Regulation, and the voiety Mid-remote the Candidinary, in Vigils, Regulation, and in voiety Mid-remote the Candidinary, in Vigils, Regulation, and in voiety Mid-remote the Candidinary, in Vigils, Regulation, and the View Mid-remote the Candidinary, for vide differently for all Solomantics.

In the Greet Chariter, the cult of Charty is induced their candidates of the Candidinary of the Candidi

among us, See Mourning.

among us. Soc. MOURAINE.

CROSCUS, ILE, us., is a probable, or plansible Flee; the in reality falls at bostom; and only calculated to draw the Trial.

The control of the c

Phinniff, and the Bulantif, fappring the Property to be in A. B. at the Time of the Gift, took them; and the Defendence of the Gift, took them; and the Defendence of the Gift, from the Phinniff, whereper the Phinniff to the Concess of Gift, and State and Concess of Gift, and State and Concess of Gift, in when force auglit Adilion is done, under constraince of Office, or Authority.

Percepture to care Goods at the Californ bounds in his Name, COLOURNG, in Phinniff, the names of applying, and conducing the California of the Concess of the Con

louring firikes the most; but among Masters it always gives place to the Exactness of the Defigo. See Painting.

mourage tittled title most's bett among Adutter it aways gives

"De Gibbs State of the Montal State of the Montal State

"De Gibbs States," that the Word Charteng, it is to confined Senfe, is bliefly spalished to a Hiltorysleer, farne et all to a Londbirt, in body, that the Term Chilumpe are all to a Londbirt, in body, that the Term Chilumpe are to the Marce and Union of Children's the Agreement, or Ansighthy, show to use them so advantage in bath Agreement, or Ansighthy, show to use them so advantage in Liver Agreement, or Ansighthy, show to use them so advantage in Liver Agreement, or Ansighthy, show to use them so advantage in Liver Agreement, or Ansighthy, show to use them so advantage in Liver Agreement, or Ansighthy, show to the Deline of Liver Liver Agreement, or and the Children's Liver, which english children's Liver, with regard callett on the Patistion of the exist, Secentick, Get. in Painting well cluster's: The virious Montane of colourity, but in Figure, Landbillay, Ed. Manners of colouring, both in Figures, Landskips. Sc.

The Doffrine of Colouring is comprised under the follocving Rules.

Colours are consider'd, other in respect of their Use, or their Oxygony and to their Use, They are chief to Water 1 Thoir and to their Use. They are chief in Oil, again, are chief consider'd win a View to their Preparation, or Application.

Now to their Preparation, or Application. They are chief to their they are the considered with a View to their Preparation, for a preparation of the Colour Colo Quantities as possible.

For their Application, it is confider'd either with regard
to the Kinds of Painting in Works of various Colours, or in

those of one fingle Calour.

to the core digit. Glober:

For the fifth in the larger Pieces, the Colours are either laid to half, for a they may be undpiled, or incorporated to-gother, which make them had the none forther, but had not been a considered to the control of the

laid fmooth.

haid funcoh.

In finish d'Works, which are to be view'd near at hand, they proceed, either by applying the properties of the properties of

Objects after off, are usually managed by Lights, as with Crayons; and Baffe-Retrevo, which is an imitation of Sculp-rure, of whatfoever Matter and Colour: in both these, the

unit, of whatfore? Marres and Colour is 10 both both, the Cadears are wroughly de, See Castura, they.

For Better Calours, they are wroughly various says, excluding the colour says of the Martes Calours, they are wroughly various says, excluding the colours of the colours of

Defign be fix'd, and all the Parts mark'd out, ere any Colours

Defigs he fait's, and all the Parts mark'd out, etc any Colour less applied.

For the all Part of Colouring, or the Occounty and diff. the part of the Colouring and the part of the Colouring of

affilt and raile each others Force and printed up as the and green, yellow and blue.

To manage 'em fo, as that they be accommodated to the Effects of the great Parts of Light and Colour: that the finus Colours' lead to the folt ones, and make 'em more look'd are

Column: Lead to the folf ones, and make 'tem mere look'd air, bringing 'tem forwards, or keeping, 'em back, according as the Situation, and the dispers of Force required. It leads to the control of the control of the control of the or the Occasionary. With rispects to the first, care mull be as-ken that they be laid to a to be forcedy united, under the brittens of force proficies) one; but they pareliate of the prevailing Light of the Piece; and that they pareliate of each other by the communication of Lights, and the help of each other by the communication of Lights, and the help of Reflection

cash other by the communication of Light, and the help of Pee the Occomony in managing their degrees, regular to to be lad to the Cartraft, or Opposition intervening in the brittenes, which observed in the control of the observed thriftenes, which observed it deat and palls, may be traited the Harmony which makes the Variety of Cohorar agrees, Streeph or cheers, respectibling from Files, on purport is ferred as a India or Report on the Slight, and to channe their which are to prevail have the Files, on purport is ferred as a India or Report on the Slight, and to channe their which are to prevail have the Files, on purport and property, as a Smaled, for their careful after of the board purport, as a Smaled, for their careful after of the observa-tions of the Cartrague of the Cartrague of the Cartrague of the always had to the quality of the Altr, which, when loaded with Vapours, we and that by their frees, the companie that the pureful and the flrongeth to placed before, or in the Festor of the Energe, and that by their frees, the companie that the pureful and the flrongeth to placed before, or in the Festor of the Energe, and that by their frees, the companies canning the glassed downer to be gled in the first Rank Lidi-ty, to the Energy fines of the Shipel, and the Nature of the purent, positiff of renogh, See Cauxarvano, Coarvarar, De-OARANTYON, SEC. GRADATION, &c.

Colouring and Non-colouring Drays: Thus the Dyers diffinguish their Drugs: the first are applicative, and communicate their Colours to the Matters boil d in them, or communicate their Colours's to the Matters build in them, of paid where them, as Woods, factor Grinis, Cachinetal, he paid where them, as Woods, factor Grinis, Cachinetal, he pare and difficient his Smith, and other Matters, and the rareful the Colour and of the celebrary lipsprelicent; as Allers, Salt or Crystal of Tarter, Arfenic, Recipital, Salt-Perm, Common Salt, Sal Amonics, Sal German, Agric, Spirited Wite, Brain, Peafe-Bour, Wheat, Starch, Lime, and Althering COLLEMBERS, a kind of Violet-colour, call da in 20se COLLEMBERS, a kind of Violet-colour, call da in 20se See COLOUR.

S. COLUMBUS, a Coogregation of Regular Canons, formerly of great Extent in Ireland, having under it st hundred Abbies, or Monafteries, in the British Islands. See

Occors as a trion, and Canon Chief of the Order, according to Super was at Armsely, according to Super, was at Armsely, according to others, at Less deaderry: others will have it in the Itland of Ha, or H, or H om Scotland

There is a Rule in Irifb Verfe, supposed to have been dir-ted by S. Columbus to his Canons.

COLUMN, in Architecture, a round Pillar, made to sap act or adors a Building. See Pillar, Building, Se The Column is the principal, or reigning Part of an Order.

See Oadra.

The principal Laws and Properties of this eminent Member of Architecture are thus deduc'd:

ber of Architecture are thus deduced: Every Fallerum, or Support, is for much the more perfect as it is the firmer, or carries the greater appearance of firm-neft: and hence all Columns, or Fillars, ought to have for Bafe, or Foot, broader than themfelves. See Base. Again,

Again, as a Cylinder and a quadrangular Prim are more easily remov'd out of their place than a transacted Cone, or Pyramid, on the time Bark, and of the finar Altitude: The Figure of Column rought not no be cylindrical; nor, that of a Pilistic pyramidical; but both the one and the other to be contracted or diminish d, i.e., to grow left and left, like a truncated Cone and a transacted Fyramid. See

lefs, like a truncated Cone and a transcard Pyramid. See DIMINIOTION. For the time Reations, the loweit Parts of the Columns to be cylindrical, that of Flishten pyramidical: Houce, again, as Column are more firm, if their Diameter bears a greater proportion to their Height, than if it bore a fel: The greater Ratio is to be choice, where a large weight is to be thisting; and the firm of the properties of the where a left.

initian 6; and less where a less.

Further, as the Defign of a Column is to support a weight, it must never be supposed without an Engablature; tho a Co-It must never be supposed without an Entablisher : the a Calman risk'd on a contenter Fisce, foa so le lear no from to fear its being thrust out of its place, needs no Pedeful. See ENTABLATURA, and PEDRATIA.

The custic Column, in each Order, is composed of three pulsely Parts, the Bufg, the Shuff, and the Lagital. Beat Proportion of each under in respective Head, Barr,

the Proportions of each under its respective read, some SMAPT, 85c.

Each of these Parts, again, is subdivided into a great Number of letter, called Members, or Mendalangs: some whereof are effectival, and found in all columns; o others are only accidental, and found in particular Orders. See Moultionly accurate, and there is peased in the feveral Or-Others are made different, according to the feveral Or-

ders they are used in; and likewise, not only with regard to their Order, but also to the Matter, Construction, Forms Disposition and Use.

Dipplifies and the war on the abstract, Confirmillies, Form Dipplifies and the Convexes, With regard to Order.

Tughen Cruckus, is the floored in, and most finishe of all the Colomes. See Process.

France. The Confirming Confirming Politodis, and Nigment, in 1, Dimerstra, or Abdades's according to Constance, 15. In Modeles, to The Larrace, 11 to Trajest Chiman, 16. In Dimerstra, according to Virtuinies, to one button of the Dimerstra according to Virtuinies, to one button of the Dimerstra according to Virtuinies, to differ Chiman, a mindre Chiman, a condition of the Chiman and the

Diministion, seconding to Firzensin, it note fourth of the Dim-meter; a seconding to Figures, a fish and according to Figures.

In feveral Fartt, Meadlang, 65- fee under their proper
Heads, Starter, Cartery, 65- fee under their proper
Heads, Starter, Cartery, 65- fee under their proper
Heads, Starter, Cartery, 65- fee under their proper
Heads, 85- fee under their proper
Division of the Control of their proper
Heads, 85- fee under their proper
Heads, 85- fee under their proper
Heads, 15- feet under their proper
Head

Carinthina Carons, is the check and most delicate of all the Calmani. See Construct a.N.
Its Cipital is adented with no one of Exerce, and with Act Canalodies; whence freety can like Volume. In Height, Canalodies, the Caron freety canalogue and the Caron freety freety freety canalogue and the Caron freety freet

Pantheon, 6; 5 temptes or steps and resources, time 8 Arch, 7; Portice of Septimins, 7; Sec Place Ar-chitefiltre, Fig. 9. Composite Column, has two rows of Leaves in its Capital, like the Cerimbian; and angular Voluces, like the Ionic.

See Composite.

See Composite.
In Height, according to Figurals, and the Arch of Tisms,
is 20 Modules; to Scanwors, and the Temple of Beckers,
19\forall_1 the Arch of Septimizar, 19.00. Its Diministration,
coording to Titmi's and Septimizar Arch, 7 Ministrate; Back
of Disloction, 11 Min. \(\frac{1}{2}\). Temple of Backbus, \(\frac{2}{2}\). See

Plate Architecture, Fig. 10.

It may be here observed, that there seems more of Caprice than Reason in that Diversity found in the Heights of Columns than Reason in that Divernity mand in the Heights of Leasanse of the fame Order, in different Authors; each of whom frequently takes the liberty of differenting with his own Rules. Virracins, for Instance, makes the Diver Columns of Temples, thorter than those of Porches behind Theaters; Pallade gives a greater height to Calmans standing on Po-destals, than to those which have none; and Serlio makes his Column a third shorter, when insulate, or detach'd, than

his Commin a third morrer, when insulate, or certain d, man when contiguous to the Wall.

But notwithstanding the diversity of Height in Commons of the fame Order in different Authors; they still bear as true Proportion in the several Orders compar'd with each other;

which they go increasing, as the Orders are less massive, by which they go increating, as the Orders are left matifier. But this Augmentation is greater in fome Ordonances than in others; for in the Autique it is but of; Modules, or Semidiumeters, for the few Orders: the fluorest Orders, win. the Tafata, being 15 Modules, and the longest, the Campelles, 20. In Fiftmann, this Increase is also of; Modules plate commences from 14 Modules, and the John at 17. The

date is bot commences from a Medicie, and ends at 15. The Moderne stallarly mile greater: Sciences induced in Side Medicine stallarly mile greater is Generous induced in Side From the Kerzell Fragments of Columns affigid by feet-ers and the Side of the Side of the Side of the Side From the Kerzell Fragments of Columns affigid by feet-ers and the Side of the Side of the Side of the Side Mana, between the Extrement of the reld. Thank the milest works have fighter of Virgenies, it, as and that O'Prietie's Columns, it's "I've beight of the Davier Columns in makes to amount, it's 'The beight of the Davier Columns in makes to amount the side of the Side of the Side of the Side of the American Side of the Side of the Side of the Side of the about the side of the Side of the Side of the Side of the date is you the Side of the Side of the Side of the Side of the date is you the Side of the Side of the Side of the Side of the side is the side of the Side of the Side of the Side of the date is you the Side of the Side of the Side of the Side of the date is you the Side of the Si

dule 3; which is Mean between the 2 of Strin, and the 13 of Borlin. The Centribute Resulted to 14 of the Golfman. The Centribute Collumb Resulted to 15 of the Golfman. The Centribute Collumb Resulted to 16 Measter of the Tumpie of the Kelpf, and the 20 Medias of Minester of the Arter Collume of the Results Ferrary Lally, the Campello Colines, by the Same Relat, the makes Lally, the Campello Colines, by the Same Relat, the makes Lally, the Campello Colines, by the Same Service, and the Penger of Briefests.

Laldy, the Campello Colines, by the Same very restinable; etc. that the programmal distance of the Colines in the Language of the Same very restinable; etc. that the programmal distance of the Colines in the Programma, from the Lifetime to the Colingia, the Manager, and the 3; of the Moderns, he divide this Minester to the Progression of each Octor the, and Same and Same

The state of the s

Fulible Column. Under this Term are comprehended, not only Columns of various Metals, and other fulible Matters, as Glafs, &c. but also those of Stone, faid to have been call; the Secret of which, some will have us believe to have been known to the Antients.

Inome to the Anticats.

Trensprence Occasios, say Column made of transparent.

Matter; an were these of Crybal in the Theorem of Science,

Matter, an were these of Crybal in the Theorem of Science,

Edwinds, in the Charch of Science, Machiner, in the Charch of Sci. Afric, at Foreign

Edwinds Concesses, is that whole Sast, suppears to be of

Hydramic Concesses, in the whole Sast, an appears to be of

Hydramic Concesses, in the whole Sast, suppears to be of

Hydramic Concesses, by means of a Pipe mounting throw the middle

Henced; as in the Gooden at Projection, and whole the mounting throw the middle

thereot; as in the Gardens at Perjailes.

Hydraulic Column, is also a Column from whose top proceeds a Jes & Esis, to which the Capital serves as a Bason;
whence the Water descends by a little Pipe, which turns spl-

rally around the Shaft.

mily sround the Shaft.

Socia rete the Investigation of the Calcude of the Belvice and the Foreign and those of the Viscoyand Matheir at Risson.

Social rete the Investigation of the Viscoyand Matheir at Risson.

And Finison of divern Ooksan, bound registers with a Cinness, which group perfectly hand, and receives a polific like Market.

The Sector of manking thefe, it appears the Antients were which grown and the Antients of Antients of the Antients of the Antients of Antients of the Anti ing molded

ing moiece.

Columns with regard to their Construction.

Column of Joinery, is made of strong timber boards, join'd, glu'd, and pinn'd together; is hollow, turn'd in the Lath, and usually fluted. Such are the Chimm; in most Al-

The state of the s

Geminated Column, that whose Shaft is form'd of three Geminated Coruna, that whole Shaft is formed of three finilar and equal Sides, or Ribe of Stone, fitted within one another; and faitend at bottom with Iron Pina, and astop with Cramp-Irons. This is to be flutted, that the Joints may be the less differentible.

Column of Majoury, is made of rough Stone, well laid and cover'd with Plaister; or of Bricks molded triangular-

and covered with Finities; or of Beicke: modeled trinsgulars with, and covered with Stern.

Concuss with Branda, or Branda, or Branda, or Grown of the Control of ference of Branda, or Branda, or Warter (1998). The Control of the Control of Control of Stern, or Biscks of Marble 1, or Control of Control of Stern, or Stern in the Williams First Illin, or adjusted as which is organized to the Control of Stern, or of one spectro. Converse in Francheson, or Firest coeffit of these control of the Control of Stern in First Indian Stern, and the Stern in First Indian Stern, and the Stern in First Indian Stern, and the Stern in First Indian Stern, which is seen and the Stern Indian Indian

See FLUTING See FLUTING.

Cabled, or Rudented COLUMN, is a Column having Projectures in form of Cablet, or Canes, in the Naked of the Shafit; each Cable having an Effect opposite to that of a Fluting and accompany'd with a little Lift on each fide. See Ca-

BYING Fluted and Cabled COLUMN, is that whose Flutes are fill'd Finised and Cabled Corunn, is that whole Flotes are fill'd up with Cables, Reeds, or Stares 1 beginning from the bot-tom of the Shaft, and reaching one third of its height. Fluted Corunn arricled, is that whole Flutings are fill'd up with Comments of Foliages, Rinds, Ribbons, &c. in-

flead of Cables. Twifted Corumn, is that whose Shaft is twisted round, in

manner of a Screw, with fix Circumvolutions; being, ordi-narily of the Corinthian Order: Vignola first found a Mcthe dot drawing it by Rule.

A twilled Based Courses, is that whose Flates follow
the Contour of the Shaft, in a spiral Line throughout the
bubble tength y whereof there are flome antique ones of Ferphyry, and hard Marble.
COLEMB TOOLS and Survisib'A, is that, one third of whose
Shaft is fluted, and the reft adorral with Branches and
other Barichements and which being all of Marble, is cathod of drawing it by Rule.

other Enrichments: and which being all of Marble, is en-rich'd with Sculpture from bottom to top.

Sometimes, again, the resilted Column is form'd of two or three flender Shafts, twilted round, fo as to leave a Cavity in the middle. Sometimes the Flutings are Spiral, yet the Shaft strait; which fucceeds very well in the more delicate

Ordern.

Chilfiel Corunn, a Chiuma of enormous fare, too large to enter any Ordennanco of Architecture 3 to be placed flowing in the middle of Square, Chip. Decorations are Orderic, and the Profile Trijicary 3. Feet and 3 in Dismeter, and continuing the Basis and the Capital: The default has 8 Seers, and the Capital: The default has 8 Seers, and the Capital in the

supports a trazen statue of st. Peter, 13 root figh! the whole making 147 antient Roman Feet. It was bailt by Apollodyrus 4 and confits of 34 Tambours, or Blocks, or Proces of white Marble, taking in the Crowning.

or Blocks, or Piccios of white Marble, taking in the Coroning, The Antonice Gainma, which is all Go white Marthle, is in looking, in the Antonice Gainma, which is all Go white Marthle, is in looking, being 168 Feet to the Capital, befides the Feet of the Picchild under ground.

Latily, the Zentien Calman, the Monument, is of Feet of Recording and Coroning, See Mouvement, and Fenziches und Jepandes und Jepandes und Jepandes und Jepandes und Apiraly seamed the Shaft; or in Coronn and Jepandes und Jepandes und Jepandes und Apiraly Seemed the Shaft; or in Coronn and Seemed Se

and Festoons. These were used by the Antients for raising Statues on ; which hence took the Denomination of Carolitic.

They are very fuitable in triumphal Arches, and Decora-tions of Theaters.

Such a Columns, are those which have a building, or fwelling, in proportion to the height of the Shaft. Authors are much divided on the Subject of this Swelling; Sir H. Watton treats it as a most ridiculous Abase: yet the

Sif H. Warnes tream it as a most indication Abofe: yet rich practice obtains among the moders Architectly who gene-rally make their Colomora is title bigger at one third of their properties of the colomoral and the colomoral and the most the Bafe; which makes the Para appear big, and occa-fions a Swelling at about one third of the height. This Swelling appears to have been unknown to the An-ticust. M. Ir Clerr observes, it ought not to exceed one will excepting when there is a proprietal exception for will excepting when there is a previously accoming for

Minute and a nati at mott. He thinks it ought never to be us'd, excepting where there is a particular occasion for it 3 as where Collmans are to be placed over one another. Diminish & Coruma, is that which has no fwelling, but begins to tape, or diminish, from the Bafe; in imitation of Trees. See Diminutions.

Such are moit of the Antique Colimbra of Granate; puri-cularly the Corinthies once in the Feet of the Bankoon. Golbie Couranty, a round Flian, either to ofher for its bulk, or too flender for its height; as having, fomedime, a Diameters, and this without either Diminution, or Suel-ling; yet, its Orametets, and the Characters of its work, be-ong as the from those of the Antique as in Proportion. See GOTHIC.

Hermetic Column, a kind of Pilafter, in manner of a Terminus, having the Head of a Man, in lieu of a Capp. tal. It had its Name from a Caffon among the Antienn, of placing Mercury's Head, whom the Greeks call Hermen, a rop of Columns. See Hermes.

Maffine Columns, are those too short for the Orderwhese Capital they bear ; as the Pillars in Gotbic Churches usually 200 See Massiva.

Under the Term Maffor, are, likewife, frequently com-prehended Rustic and Tustan Columns. See Rustre. Cylindrical Columns, is that which has neither Swelling nor Diminution.

Out Column, that whose Shaft has a Flatness; its Plan being made oval, to reduce the Projecture. Polygonous Column, has several Sides, or Faces: The

most Regular of these have eight Faces.
Their three last, Daviler regards as Abuses in Archi-

Pasteral Column, that whose Shaft is form'd in imitation of the Trunk of a Tree, with Bark and Knots.

This Kind of Calumn, in the Lusar Proportion, may be used in the Gates of Pasks and Gardens; in the Decoration

Paftoral Scenes, &c.

of Pathoral Scenes, Sic.
Serpentine Cotumes, a Column form'd of three Serpeza,
swifted together 3 the Heads whereof ferve as a Capital,
An Inflance of this is at Conflaminophe, in the Square called
Anneiden, antiently the Hippodrome. P. Giller calls this the Attaciden, antiently the Hippowrome. P. Gitler calls this two Delphic Column; as imagining it antiently ferry differ the Tripod of Apollo, in the Temple at Delphos. It is now endinarily called the Talifinan, or Enchanted Column.

On. LIMNS, with regard to their Disposition.

Influtated Column, is that flanding free, and detach's, on all Sides, from any other Body.

Column inferted, or back'd, is that attach'd to a Wall, by a third or fourth Part of its Dian

a hird or fourth Part of its Diameter.

Columns Nicht², it has whose Shaft enters, with half in

Diameter, into a Wall, which is hollowed for its Reception
with its Plan parallel to the Projecture of the Tore.

Such is that in the Portal of St. Peter at Rouse.

Angular Columns, is an infulated Column, placed in the

Coin, or Comer of a Portico, or inforted into the Corner of

Angular Courses, and a series of a freited into the Corner of a Bailding: Or, even a Chitzen that flanks an Angle, either acute or obtuce, of a Figure of many Sides.

Attie Courses, according to Pling, is a Platfer inlasted; having four crual Faces, or Sides 3 and of the highest Pro-

naving role equal paces, or closely and of the ingletch rio-portion, or, Corimtion.

Flank's Coruns, according to M. Blondel, is a Column engaged with one half, or at least, one third of its Diameter, between two Demi-Flishers.

Doubled Column, is an Affemblage of two Column; join'd in Inch a manner, as that the two Shafts penetrate each other with a third of their Diameter. Such are those

of the four Angles in the Court of the Leaver. Coupled COLUMNS, are those disposed by two and two; so as aimpled to touch each other at their Bases, and Capitals.

Canton'd COLUMNS, those engaged in the four Corners of

Centered Columns, these engaged in the tour Corners et a fuquer Pillar, to import four Springs of an Arch.
Groupfed Columns, these placed on the fame Pedeltal, or Socie; either by three and three, or by four and four.

Medium Columns. Virturins gives the Name Calumns which have their Intercolumniance larger than the crit; 38

Medium Columns.

that if these lait, for instance, be Pycnoftyles ; the Medianes are Euftyle. The Term may also be applied to the middle Row of Co-lumns, in a Frontispiece adorn'd with three Orders.

COLUMNS, with regard to their Ufc.

Aftronomical COLUMN, is a kind of Observatory, in form of a very high Tower; built hollow, and with a spiral Afceat to an Armillary Sphere; placed a-top, for observing the Courses of the heavenly Bor Such is that, of the Doric Order, crotted at the Hetel de Suffons at Paris, by Catherine de Medicis, for the Observa-tions of Oronius Fineus, a celebrated Astronomer of that

Chronological Column, that which bears fome historical Infeription, dispetted according to the Order of Time: as by Lattre, Olympiads, Faffi, Espenhas, Annals, &c. At Alberts there were Columns of this kind, whereon were

At Allows Incre were Columns of this kind, whereon were inferib'd thelwhole Hildery of Greece, digefted into Olympisch Hollow Courses, that which has a faired Stair-cale within-fide, for the Convenience of alcending to the top: As the Triping Column, the Stair-cale whereof confiles of 185 News, and is illumin'd by 43 little Windows: The Antonius Co-holms.

jums has 198 Steps, With 36 Windows; each of these is cut in Tambours of white Marble. The Monoment, or Fire-Column at London, has also a Stair-case; but it does not teach to the top.

ach to the top.

Thefe kind of Columns are called alfo Columne Cockides, or Cockides, q. d. a Stair-cafe in form of a Smail. Fineral Column, that which bears an Urn, wherein are fappofed to be included the Affres of fome deceased Hero; and whofe Shafe is fometimes overfipread with Team, or gud whose quart is sometimes overtpread with Tears, Guomonic Column, a Cylinder, whereon the Hoar of the they is represented by the Shadow of a Style.

Of their there are two Kinds . in the one the Style is

of their there are two Kinds: in the one, the Style is a vertical Dial, on a cylindrical Surface. a vertical LBSI, on a cylindrical Surface.

In the other, the Style is movable; and the Hour-Lines are drawn to the different Heights of the Sun, in the different Sealons of the Year.

or Seasons of the Year. Historical Column, is that whose Shaft is adorn'd with a

Higherical Cocussis, is that whose Shaft is adorred with a palle Relieve, raming in a figiral Line its whole legal and containing the Highery of fonce great Perferange. Higherical Changer and Highery of Source Perferange Timbours, into Separate Basis Relieves, containing diffical Stacketh, by which mean, the time Colonom may shewise This Munner Vegotle prefers to the former; which, be thinks, appears to omach confided.

Indicative Cornan, that which ferves to flow the Tides. Indicative COLEMN, that which ferree to flew the 11005, gg, along the Sea-Coalts. Of this kind, there is one at Great Gaire, of Marble, whereon the Overflowings of the Nite are express to 18 this they form a Judgment of the faceceding Seafon: when the Water, for instruce, assends to 25 Foot, this a Sign of great Fertility in Fgypt. See Nilo-

METER.

Instructive Column, that sais'd, according to Josephus, Lish. I. cap. 3. by the Sons of Adam, whereon were engineen the Principles of Arts and Sciences.

Bandots tells us, that the Son of Pifestrus rais'd another of this kind, of Stone; containing the Rules and Precents of Agriculture.

cepts of Agricalistac. Minerary Cocusss, a Column with feveral Faces, placed in the Croft ways in large Roads; ferring to fine whe different Roats; by the Inferriptions thereupon.

Letlary Cocusss, at Rome, according to Fight, was a Column crefeld in the Herb-Marker, now the Plates Montasses; which had a Cavity in Its Pedelal, wherein young Children, absord only which Fareers, one of Powerry or Inamsnity, were expeted, to be brought up at the publick

Expense. Among the Lacedemonies: there were Columns rais'd in publick Places, whereon were engraven the fundamental Laws of the State.

fundamental Laws of the State.

Limitrophout, or Boundary Column, that which shows
the Limits of a Kiegdom, or Country conquer'd. Such was
that, which, Phiny lays, Alexander the Great erected at the
Extremities of the Indies.

As to those of Hereales, ordinarily call'd his Columns, or

Pillars; they are only two very deep Mountains in the Smaights of Gidder, now Gibraltar. Straights of Gaset, now Giorganas.

Luminoust Column, a fort of Column form'd on a cylindrical Frame, mounted and cover'd over with cil'd Paper, of Gawze; to that Lights being difpos'd in ranks over each

other, the whole appears as on fire. This fort of Column is likewife made with rows of Lamp

or Torches, running round its Shaft; either in harizontal Belts, or Bands; or in a spiral Line, continued over a Feftoon of Flowers

took of Flowers.

Members of Covensas, from the Latin Members, Spoils of the Enemy a Column adord with Trupkies, built in intraction of Treas, whereom the Spoils of Remeits were artist of Treas, whereom the Spoils of Remeits were artist of the Covensas of the Covensas of the Memory of the Berning of Inta Cry, no 1666.

His of the Darro, Orders, Ratel, Islands, white a wonder of the Covensas of the Memory of the Berning of Inta Cry, no 1666.

There is, alic, mother of the Ille Kind, in form of an Obelita, on the Banks of the Riber in the Patienters, in memory of the Innous Patigo of that Riber, by the great Memory Covensas of the Riber of the Trees of the Innous Patigo of the Riber, Spoils of the Riber of the Memory Covensas of the Riber of the Memory Covensas of the Riber of the Memory Covensas of Column which Removed the Riber of the Ribert Shilosoft.

Menian Column, any Column which supports a Balcony, or Meniane. See Meniane.

The Origin of this kind of Column, Suetonius and Afca-mus refer to one Menias; who having fold his House to Cato and Flaceus, Confuls, to be converted into a publick Edifice; referv'd to himfelf the Right of rafing a Column without fide, referr'd to himlell the Kught of rating a comme withous more, to bear a Balcony; whence he might fee the Shews.

Military Column, among the Romans, a Celimin wheteon was engaven a Lift of the Porces in the Romans Army,
ranged by Legions, in their proper order; with defign to
referre the Memory of the Number of Soldiers, and of the
Order observed in any Military Expedition.

The Remans had another kind of Military Column, which they called Columna Bellica, fixeding before the Temple of Fassus; at the Foot whereof the Conful decker? War, by throwing a Jarelin towards the Elemeire Countries.

Military Counses, was a Column of Marble, raind by order of Josephina, in the middle of the Reman Forton; item

der of Augustus; in the middle of the Koman rorum; inon whence, as a Centre, the Diffances of the feveral Cities, &c. of the Empire were reckon'd, by other Miliary Columns; difpor'd at equal diffances, on all the grand Roads. See Mi-T. A. W. W.

This Column was of white Marble; the fame with that which is now from on the Balustrade of the Perron of the Comissi as Ross

Capital at Kesse.

Its peoperion is maffive; being a fhort Cylinder, with a
Tujess Bafe and Capital, and a Bra's Ball for a Crowning,
the Symbol of the Globe of the Earth.

the Symbol of the Globe of the Earth.

It was called Miliarium Aureum; as having been gilt, at leaft the Ball, by order of Augustus. It was restored by the Emleaft the Bail, by order of Angultus. It was rethered by the Interpretor Veligibles and Advises a suppers by the Unicripation. Philipborical Cottons, a Laghthoufe; or a hollow Column, built on a Rock, or the Tip of a Mole, or other Eminence, to ferre as a Lanthorn to a Peri.

to ferve as a Lanchorn to a Port.

Refirst Corvens, that adoraid with the Beaks, or Prows
of Ships and Galleys, with Anchors and Grapplers; erectod, either in memory of a Naval Victory; as the Tufan
Coloums, in the Capitol: or, in honour of fome Admiral;
as the Doric ones, at the Estrance of the Calitle de Ricobies. Septile Dark of the Estrance of the Calum as Antonion-Septilebral Cocuman, anticntly, was a Column credted on a Tomb or Sepulchre; with an Infeription on its Bafe. See

a Tomb or Sepalciare; with an Interprison on its new very towas, 2%.

Those over the Tombs of Persons of Distinction were very large; their for the common People small; these last are called driet and Cipti. See Cirvus, 2%.

Settaury Coctunus, that which fapporus a Status. Such was that credited by Pope Paul V. on a Pedelial before the was that credited by Pope Paul V. on a Pedelial before the Dames on Sucreary a Status.

was that credid by Pape Fart V, on a Reddilla before the Charter of St. Afran salivar a Renay to Sport a Status of the Virgin, which is of pile Beds. See Svirves.
The Charter was day up in the Temple of Fracer; in Status of Status and an analysis of Status of Status and a status of Sta

Symbolical Columns, is a Column representing some parti-cular Country, by the Attributes proper thereto: As that of the French Order, set with Flower de Lis's, in the Fronof the Frence Order, fer with Flower de Lis's, in the Fron-tificace of the Jedius Church at Resum: or form memo-rable Action; as the Corvinian Column, on which was a Crow; erected to Valerius Maximus, Siranm'd Corvinus, in memory of his Defeat of a Giant in the Army of the Gauls,

memory of his Defeat of a Giant in the Army of the Gauls, by the Affifikance of a Crow. Under the Title of Symbolic Columns, may also be com-perhended those which ferve for Symbols. Such is that in a Medal of Neva, which expresses the Stability of the Roman

months more want never her dymbolis. Such is that is a Model of Now, which experdies he Sallily of the Roman Model of Now, which experdies he Sallily of the Roman Trimsphal Cut pass, a Column eredled among the Aniests in homour of an Hero; he placed of the Sones, or Causfus whereof, were covered with as many Corons, as he Exch Coron had in the Tentra, a 2 Philifort, which was fix with Spikes, in memory of having forced a Philide-Romain, admental the principal Name, as 2 Philifort, which was fix with Spikes, in memory of having forced a Philide-Romain, admental the principal Name of Philides Romain, and the Spikes of Philides Romain, or Granulands, of Grant Spikes and paid and Spikes of Spikes of Spikes and Spikes of Spik amph. See Caown.

ampn. See Crown.

Proceeding tells us of a Column of this Kind, credted in the
place called Augustum, before the Imperial Palace of Cosstantinople, supporting an Equastrian Statue of the Empe-

Tuftinian

Zophoric Column, a kind of Statuary Column, where placed a Figure of fome Animal. Such is one of the two Columns of the Gate of Venice; whereon is the Lion of St. Mark, and the Arms of the Republick : or that at Sienna. which bears the Wolf that fickled Romains and Romai.
COLUMN, in War, a deep File, or Row of Troops; or x
Divinos of an Army, which marches at the fame Time, and
towards the fame Place, at Intervals large enough to avoid

Confusion

An Army marches in one, two, three, or more Columns; ecording as the Ground will allow, and the General fees expedient

The Word is also used in speaking of Vessels at Sea, fol-lowing each other in the same Line.

"Tis difficult to form Columns at Sea, unless the Wind be

COLUMN, among Printers, is half a Page, when the Page

is divided into two Parts, from top to bottom See Pacs. COLUM- (266)

COM

COLUMNA Nass, is used by some Writers of Anatomy, Catalogue 40. The Order, Names, Longitudes, Latitudes, or the steffby Part of the Nose juring out over the upper Lip. Magnitudes, &c. whereof, are as follow. Sec Nose

COLUMNA Oris, is fometimes used for the Uvula. See

CONTRAIN OFFI, is Interneture used for the Cornil. See

CHARLANNE Germe, in Anstrony, called alie Lectural,
and Colomes Cereli's, see feveral finall Mackes in the Vertricks of the Heart is derived, and, as it were, destudy the most better of the Vertricks of the Heart is derived, and connected by restlines

The Birth Colomes, or Fillars, being failed up to Pariettes of the Heart on one fide, and the Trictiful and Mitrul Valves on the other; do, by their Controllars of the Vision of the Vertricks of the Vertri

the first is demonstrate the Suffitiest and the Fecond the E-quintified Colum. See Society 11-11, and EQUINOCITAL. The Equinocitist Column determines the Equinoces; and By the dividing the Eclipte into four capatil Parts, they mark the four Sections of the Year. See Secano. The Word is derived from the Greek shell, wantling, or remonstrate, and kelt stall; as appearing with the Yall cast off; or CALLEBA. Clemm in the Greek Listury, Sensitiva, and

COLYBA, a Term in the Greek Liturgy, fignifying an Offering of Grains, and boil'd Pulic; made in honour of the Saints, and for the fake of the Dead.

Ballamon, P. Goar, Leo Allatint, and others, have wrote on the Subject of Colybar: the Subtlance of what they have

on the Subject of Claybar; he Sublines of what they have folial, in a follow.

A subject of the subject of the subject of the subject of the Herps on a Plate; adding between Peers, Nues cut finall, and Grape-these, which help divide time Fourier Clooppursmans, Francisco, and the subject of the subject of the Heap of Wheer than feederd, they call nowlee.

They have a puritual Frantile for the Benedition of the Colyber; wherein, priving that the Children of Belg-Fluit, and those who cat them, because officed to his dis-try, to the bosons of fach a Sains, and in memory of the prival than they of the A Sains, and in memory of the year to the Posses. faithful Deceased.

Balfamon refers the Inflitution of that Coremony to S thanaftus ; but the Greek Synanary to the Time of Ju-

ibbandins; hat the Greek Synaxary to the time of yel-lian the Apolita Latin Divines having fpoke injuriously of this Ceremony, Gabriel Archbishop of Philadelphia, has wrote a Discourse in its Vindication; wherein he endeavours to show, that the Design of the Cospis is only to represent the Reclurection of the Desid, and to consist the Faithful in the Belief thereof.

The Colyles, he says, are Symbols of a general Refurrec-tion; and the several Ingredients added to the Wheat, fig-

cien ; and the Several Ingredients added to the Wheat, fig. anify to many different Virence. a fewer Different, otherwise virence and the property Different, otherwise called Lengthers; conditing in a violant propertie to the construction. If Steep the order, the Different is called Lengthers; to the Computer of the

The Caule of the Cause Someidentum, may be any thing that prevents the Cause of the Spirit; y as a cold, hunted that prevents the Cause of the Spirit; y as a cold, hunted to the Head, and thopping the Caush of the Animal Spirit; a mortick Vapour, Sr.

The Cause Figil's In Spipeled to mile from the Cause Internal Montage of the Cause Internal Cause I

ther not at all 3 or, 44 means, and the state of the stat

COMA, IN GRAMMAL. See COMMA.

COMA BERENICES, Berevice's Hair, in Aftronomy, a Confiellation of the Northern Hemiliphere. See CONSTELLATION.

The Stars in the Confiellation Coma Berevices, in Prolamy's Caralogue are 3; in Tycho's 13; in the Britannic

Stars in the Confellation COMA BERENIES. omer and Singarious of 2. Longitude, a Tarica

the Stars.	43	Lo	ngiu	mc.	L	21100	ic.	15
III UMA	24	۰	,	**			и.	80
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			16	15	1.4	45		6
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First of all in the Circle of the Hair, ?		2.9	16	44	١.,		55	
to the South				19	133	18		
to the bound				1	111	56	23	4.
				±8		34	25	7
				59	27	51	16	6
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2d of the preced.		20	2	23	26	11	47	5
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15							- 1	
That under this				55	27	6	50	5
That following this				29				6
First of 3 contiguous ones behind this		22	10	36	24	55	18	6
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- 615 61 77:			2.2		27	14	39	6
Former of a in Extrem, of the Hair	4	29	1	29	31	49	22	5
		4					12	

Posterior in the Extremity of the Hair 0 6 31 32 28 33 4

on In the Seass Prolomy ranks among the Informers of Loss and the Cluster of little Stars, in form of a Nebubous cheveren the Lion and Bear, he calls fimply rankeys as are fembling an Ivy-leaf: the pointed Part whereof is turned to wards the North, and the Sides, bounded by the vith and and Stars. Bayer, initicad of Hair, gives a Sheaf of Corn. COMBAI: an Engagement or a Difference decided by way of Arms.

way of Arms.
Authors dillinguish in an Army, between a Combet and a
Battel; the latter expressing the general Action of the whole
Army: the former a particular Skirmish, or Engagement of
a fingle part; so that the Combet is properly a Part of a
Battel. See BATTEL.

Barrél. See Bayvel.

Cossear, in Law ; or, Ninglé-Combay; a formal Trial, between two Champion, of forme doubtful Caufe or Questra, in Combay, or Combay, last admitted in England, was 6 Car. I. between Donald Lord Rhee, or Rey, and David Ramfey Efq; in the Paint-

ed Chamber. The Form and Ceremony of the Combat, is deferib'd in the Grand Contumier of Normandy: The Accuser, first, swore to the Truth of his Accusation; the Accused gave

him the Lye: upon which, each threw down a Gage, of Pledge of Battel; and the Parties were committed Prisoner Pledge of Battel 3 and the Parties were committed Prisoners till the Day of combat. See Citaterion.

Historians tell us, that Alphonfo King of Caffile, defining to aboilfit the Moforable Rite, and to introduce the Ro-man Office: the Peuple opposing it, twas agreed to termi-nate the Difference by Combat, and to leave the Causa to

nate the Little Creates by Computer and to leave the Con-tent Decision of Heaven.

Commar is also used for the following Games of the anti-ent Greek; and Remans, in honour of their Gods; as the Olympic Games, "Pribling, Ifthometor, and Nematon Games; the Luid Milliot, Circenfer, &c. which fee in their Places, OLYMPIC, ISTHEMEAN, Ed.

COM (267) COM

The Combass here celebrated, were Running, Woodling

The Combats here elebrated, were Running, Wresling, Society, Collins, Sec.

The Combatants, who were called Ashlete, prepar'd themfores from their youth, by constant Exercise, and a very rigid Regimen: they only out certain Things, and at certain Hours; detant no Wine, had no commerce with Women; both their Labour and their Rest were regulated. See men: both their Labour and their Reit were regulated. See ATRIETE, GLADIATOR, &c. COMBATANT, is the Heralds Word for two Lions. See

COMBATANT, is the Heralds Word for two Lions, Se-born in a Coat of Arms in a fighting posture, rampant; and

their Faces rowords each other.

COMBINATION, is properly understood of an Affemblage of feveral Things by two, and two.

Commission is also used for the Variation, or Alterna-

CONSTRUCTION is also used for the Variation, or Alterna-tion of any Namber of Quantities, Letters, Sounds, or the sike, in all the different Manners possible. See CHANGES. 9. Merjonne gives us the Combinations of all the Notes and Sounds in Musick, as Er as 245 the Sum whereof

and Sounds in Mufick, as far as 245 the Sum whereof amount of the planes, or Places, and the same of t The Words in the following \

Tie tibi funt Detes, Virgo, quot fidera Calo.

Describe of Communations.

Any Number of Quantities being given, together with
the Number in each Combination; to find the Number of

Combinations Combinations. One Quantity, we observe, admits of no Combination; two, a and b, of once, of three $a \not b \not c$, there are three Combinations, i.e. $a \not b \not c$, $a \not c \not c$,

Day, c. 3.

Whence it appears, that the Numbers of Combinations proceed as 1, 3, 6, 10, 5%. i. e. are triangular Numbers, while Sale distress by Unity from the Number of given Quantities if that, v.g. be q. the Side of the Number of Contractions will be q = 1; and therefore the Number of

Combinations 9-1 9+0 See TRIANGULAR Number. "If three Quantities are to be combined, and the Number

If there Quantities are to be combined, and the Number and Cambination be three, there will only be one Cambination of the Cambinations of the Cambinations of the Cambinations of the Cambinations of the Cambination of the

Hence is easily deduced a general Rule of determining the Number of Combinations in any Cafe: For, suppose the Num-ber of Quantities to be combined, q, the Exponent of the Combination will be the Number of Combinations 9-2+1 9-n+1 9-n+3 9-n+4 9-n+5, €c. till the

Number to be added be equal to n.
Support, e. g. the Number of Quantities to be combined as 6; the Exponent of the Combination 4; the Number of

Combinations will be 6-4+1 6-4+2 6-4+2 6-4+4 = 6-3 6-2 6-1 6+0 = 1:16=15

Circl. If it be defired to have all the possible Combinations of the given Quantities Departing with the Combinations of the leveral Twos, proceeding to threes, \$G_c\$, there must be added \$\frac{g-1}{2} \frac{g-1}{2} \frac{g-2}{2} \frac{g-1}{2} \frac{g-3}{2} \frac{3}{2} \frac{3}{2}

9-1 9-1 9+0, &c. Whence the Number of Combine-

tions possible will be $\frac{q.q-1}{1. z} + \frac{q.q-1}{1. z} \cdot \frac{q-z+q.q-1}{1. z}$ 1 2 - 2 + 9.9 - 19 - 2.9 - 2.9 - 4. Ge. which is be Sam of the Uncie of the Binomial, rais'd to the Power 9. be sum of the Uncise of the Binomial, raisid to the Power q, and during do of the Exponent of the Power in inertal dby Unity, §+. Wherefore, fince those Unite come out = 1+i, by stage gast at on the Power q y and for the Power q y and the positive to get it the Number of all the possible Combinations, v. g. if the Number of Quantities be 5, the Number of possible Combinations, will be x − 6 = 3.4 − 6 = 26.

Any Number of Quantities being given, to find the Num-

he of Changes and distributions, which hips Papasites, combind is all the Manner publish, cast under, so the Suppose two Quantities, and is, the United Warners will be Supposed two Quantities, and is, the United two Variations will be appeared to the Changes of the Warners will be a supposed to the Changes of the Warners of the Warner o

\$\textit{\textit{\$\begin{subarray}{l} \textit{\$\epsilon\$}, \textit{\$\epsilon\$} \textit beb, bee, ebe, ecc.

Feb. Fec., cle., cec.
After the farm manner, it will appear, if the Quandities
were 4, and the Expansers 3, the Number of Changes
would be 6, m = 4 · and, in general, if the Number of
Quantities be == 0, and he Expansers 3, the Number of
Canages will be 1. By thus proceeding, it will be found,
that if the Number of Quantities be 8, and the Expansers

e):(n-1.)

general se, don the Lettomanner of st will be mile seen (see 4—5). Suppole, 92, 8—94, the Number of grofible Changes will be of grofible changes will be (see 1—24). (see 1—24

This New may be of all to Mafan, Pavians, etc., See PASS (1984), in Commerce, it directing to supplie the Market of Control and American Control and C Actions of Kings inclineives may cone comeay; province they be fach as are not very momentous, nor attended with any confiderable danger. He adds, that a Foom wherein the greatest Peril is the Loss of a Mistrels, has no right to any higher Appellation than that of Comedy: But then be makes a Diffinction in Comedies, and dignifies those where

makes a Dittinction in Counciers, and disputies those where great Perionague are introdes (4), with the Epither of Heruse Counciers, to dislinguish them from ordinary once. Mr. Chegreer feerns percry method of the time Continuents: he understands drifted to Definition of the every! Mons, so which bottom, it fufficient to conflictuate Counciers, that the which where the presentation of the conflictuate of Counciers of Definition of the Counciers of Counciers of Counciers of James Department of the third of the counciers of the cou

M. Docier is of a contrary Opinion : He maintains, that St. Louiser is of a contrary Opinion: are maintains, trax Cossedy allows of nothing grave, or ferious, unless it be turn'd to ridicule; and that Raillery and Ridicule are its only proper and genuine Characterifties: In which Opinion only proper and genuine Canadactions.

Thus different are Critics and Comic Authors on the Nature of Canada; fome diffinguishing it from Tragedy by the

The accurate F. Boffis fixes the Notion of Connedy much

better: according to that excellent Critic, Connedy differs from Tragedy in this, that the Comic Writer invents both the Names of his Persons, and the Actions he presents; whereas the Tragic Writers only invent the latter; the former they are to take from History. are to take from Hiftory.

Upon the whole, Comedy may be defined an Image, or Repreferention of the ordinary Life of Men: it exhibits their common Actions and Pailisons; exposes, and ridicules their Failings, to preferre the Specharors from 'em, or to correct' em. Cierro defines, it he Imitation of Life, the

correct 'em. Cicero defines it the Imitation Mirror of Custom, and the Image of Truth.

narror of Quiton, and the Image of Truth.
There is a Diffuse among the Critics, whether Camedy be
a Poem, or a mere Converdation. They who maintain the
latter, do it on the foor of this general Opinion, that a Form
is a Blicourfe in Verfic: F. Buffin infills on the former, and
thews, that as Connedy has the Fable, or Allegory, it has
every thing effential to Poetry. See Porm, and Fasts.

every thing effential to Poetry. See Porm, and Fabet.
Cancely and Tragedy were originally one and the fame
Thing: Their common Origin fee under TraceDv.
M. Beilean fays, Comedy sook is rife at Abboun, from the
happy liftes or Conclusions of Tragedies. On this Principle,
the Casalfrophe should have been the proper Criterion, or
distinguishing Mark between Tragedy and Camerby; and all other differences only accedental

Des succès sortunez du spectacle tragique Dans Athines naquis la Comédic antique.

After the Grave and Serious became separated from the Ridiculous, and Tragedy and Comedy became two distinct Ridiculous, and Tragedy and Comedy became two diffined Arts; People applied themfelves to cultivate the former, and neglected the latter: So that Couredy continued in its Infan-ey, with little Improvements, while Tragedy grow up to a perfect Art: this, once arrived at its height, they began to think of cultivating Comedy.

With regard to the various Changes and Revolutions Co-

tions.

The Assirest was that fird in ale, when the faperne Power was in the Hands of the People's and when, on that seconsul, the Posse were a their find illustry to lay what they considered the property of the possession of th

When the Atbenian Liberties became funk up in the Tyramy of a few, it was no longer fafe for the Poets to afe their old License; Men of Office being now to be skreeo'd from reproach. The Chorus, therefore, became uscless, and was therefore dropp'd; and thus commenc'd what we call Comedia media, uses, or the Mean Comedy. See Chorus. Under this, the Poets were not allow'd to name the Perand therefore Names were to be invented ; but then

fens and therefore Names were to be invented: Due then the Perfons were fo well pointed out, that 'twas no difficult matter to know 'em. Ar length, however, they were oblig'd to reprefs even this License: and this Reform gave occasion to the New Comedy; which only brought upon the Stage feign'd Adven-

and imaginary Names, This laft Kind alone was receiv'd among the Romans; who yet made a new Subdivition thereof, into Antiem, Mean, and New; according to the various Periods of the Commonand News, according to the various reviews of the Common-wealth. Among the antient Considers were rank'd those of Levius Andronicus; among the Mean, those of Pacawins; and among the New one those of Teremes. Comody, as well as Tragedy, has its Effential, and its In-

tegrant Parts.

regress Parts.
Its Effential Parts, in the Language of the Antients, are
the Protaffs. Epstafs, Cataflaffs, and Cataffrophe.
The Protaffs is the beginning, or opening, where the
Sabject is just entered upon, the Charakter of the Perfoxa
flewn, and the Interest, or part, each has in the Action. See

In the Epitafis, the Intrigues begin : they are carry'd on,

In the Little in the intripues begin: they are carry'd on, and heightend in the Castlefaff; and unrawell'd in the Castlefaff; and unrawell'd in the Castlefaff; and unrawell'd in the Castlefaff; and the Cast Neve minor quinto neu sit productior Actu

The Acts are divided into Scenes; the Number whereof is not fix'd, either by Reason or Experience, but depends on the Things to be done in each Act, and the Number of Per-

townels of the Subject; others by the ridiculous Light it is fons to be employ'd. See Acr, Senne, Se. fee also M.

foss to be employd. See Acr, Senns, Uf. fee alfo Mar-Nasa, Humora, Uf.

Among the satient Romans, Comedies were diffinguished according to the Quality of the Perfons repredented, Drefs they were, into Tigane, Practices, Trademer, and Tabermarie, with fall were those where the Seeze lay in Colleges, or among People of the lowelt Rank, agreeing pretty nearly with our Farces.

pretty nearly with our Farces.
In the Repredentation, Coundsy was difftinguished from the
Tragedy, by the Suck wore in the former, and the Bratis;
in the latter, See Soes, and Busans.
Among us, Camedy is difftinguished from Farce, in that
the former reproferans Nature as the is; the other dilutors or
oreechanges her. They both pains from the Life, but with

overcharges her. They both paint from the Life, but wild different Views: the one to make Nature known, the other to make her ridiculous. See Faxer. See Faxer. See Faxer with the Company of the Company of the Conventites of Pedestra: by version, (any Farry, large, see Convention) of Pedestra: by version, (any Farry, large, see Youth and to travel thro the Country, and pick up Many by their Chunic Reprofessations or trom or by views, and i, e. vicinits; a Tragedy, it is an Palaces, and the Houfes for a whereas, in Tragedy, it is an Palaces, and the Houfes

of the Great.

of the Great.

Treaty, any in states, and the Hotels COMBT, popularly call's a bisning 24er, a kerway Body, rifing fuedently, and again disappearing, and dering like a Fluence. See Service, and Lexiva in proper olds. The service of the service of

The second section of the second of the Seco for of the Inequality of their Motions, and uniting into a visible Mass; which must again disappear, as those stars to-

various Man ; which must again disappear, as those sears to-parate, and each proceed in its Courfe.

But how thefe Stars should thus meet, coalesce, and form a Body, which in all Positions of the Sun should referrible a

RALLAX.

Herelius from a great Number of Observations, proposa it as his Opinion, that the Comets, like the Solar Meetile or Spots, which they pretry much resemble, are form'd and condens'd out of grosser Exhalations of his Body. In which condens d out of grotter Exhabitions of his Body. In which Notion he agrees nearly with Kepker, who maintains, that Go-mets are generated in the Ether in vall Numbers, like Fifther in the Ocean 3 to the doo's all become vifible, either because of their finalmess, or because they lay a long time under the

But Sir I. Neuvon has fhewn the Fallacy of this Hyp thefis, by proving that the Comet of 1680, in its pallage thro' the Neighbourhood of the Sun, would have been di-finated, had it confifted of Exhalations of the Sun and Pla-

ficts : For the Heat of the Sun, 'tis allow'd, it as the Den Bets I for the letes of the Sum, tal allows, it is the Defiety of his Rays, i.e. reciprocally as the Squares of the Defiances of Places from the Sun: Wherefore, fince the Difference of that Connec in the Pethlelon, December the 8th, was observed to be to the Difference of that Council in Sea and the Earth from the Sam, nearly as 6 to 1000 jt the Sam's beat in the Council at these times, was to his heat with us at Midfammer, as 1000000

And again, finding by Experiment, that the Heat of boil-ing Water, is little more than three times the heat of our ing Water, is little more than three times the heat of our day Earth, when expand to the Middammer's San 3 and afforming the heat of red-hot Iron to be about three or four times as great as that of boiling Water: he concludes, that the heat of the dry'd Earth, or body of the Cames in its Perihelion, must be near 2000 times as great as that of red-

mmenfe heat ence acquir'd in its Perihelion, Course must be a long time in cooling again. The same Augames must no a song time in cooling again. The fame Au-thor computers, that a Globe of red-hor lenn, of the Dimen-figure of our Earth, would fearce be cool in 50000 Years. If then the Caucer be furpeed to cool roc times as fair as red-hot from; yet, fince its Heatt was 2000 times greater, furpoining it of the bigness of the Earth, it would not be cool in a Million of Years.

James Bernoulli, in his Syftems Cometarum, supposes fome primary Planet, revolving round the San in the Space of foar Years and 137 Days; and at the distance, from his Body, of 288 Semidiameters of the magnus Orbis: This Planet, he concludes, either from its vast distance, or fmall nefs, to be invitible to us; but, however, to have, at various Diffances from him, feveral Setellites moving round him, and formetimes defending as low as the Orbit of Settlers; and that these becoming visible to us, when in their Perige-

um, are what we call Comets.

nm, are what we call Ginner.

20c Gerras democra smother Opinion: 16 conjectures that
20c Gerras democra smother Opinion: 18 conjectures that
20c Gerras democratic than the constraints of the
Henvenn, 18 of which, becoming by degree covered with
Henvenn, but which, becoming by degree covered with
Recustle, or Spors, and as length windsy probled of their
Light, camonic keep their place, but are certified off by the
their the positional and Solidley, more of in fish memore, as to
be brought nearer the Orb of Serzon; and than coming
within reach of the San's Light, needed widths. See Cas-TESIANISM.

But the Vanity of all these Hypotheses abundantly appears from the Phanomena of Comet; the chief of which we shall enumerate: as being the Test by which all Theories

First, then, those Comets which move according to the Order of the Signs, do all, a little before they disappear, ei-ther advances lowlier than usual, or eife go retrograde, if the Earth be between them and the Sun; and more fwiftly, if Earting the between them and the sun; and there firstly, it the Earth be finate in a contrary Far: On the centrary, those which proceed contrary to the Order of the Signs, proceed more fwiftly than aftual, if the Earth be between them and the San; and more flowly, or go retrograde, when the

Earth is in a contrary Part.

adly, So long as their Velocity is encreas'd, they move,
nearly, in great Circles; but towards the end of their Courfe,
deviate from those Circles; and as often as the Earth proceeds one way, they go the contrary way.

cecció dele waly, uney go une commany way; "álly, They move in Ellipfia"s, having one of their Feei in the Centre of the San; and by Radii drawn to the San, deferibe Areas proportionable to the Times, "thiy, The Light of their Bodies, or Nisciri, increafes in their Recoffs from the Earth owards the San; and, on the cen-

trary, decreases in their Receis from the Sun towards the Earth.

urary, decreases in their Recess from the San nonwards the Flarth, stilly, The Tails paper at the larged and derighted, immed-sitely, steep their paper at the larged and derighted, immed-sitely, Tao Tails showly define from a plat opposition to other, Tao Tails showly define from a plat opposition to over, in their proposit sinter shirt Orbits. why, Tails Declination, actorist periods, in the finalled, when the Heads, ar Nuclei approach nearest the San : and left, fill, near the Nucleas of the Canter this resurds the Exercisity of the Tail. Shirt, Tails are Sancochast brighter, and more dif-

tinctly defined in their convex than in their concave Part. stilly, The Tails always appear broader at their upper Extreme than near the Centre of the Conner. Tothly, The Tails are transparent, and the finalless Stars appear thro'em-

atomy, 100 to 100.

The Gare the chief Phenomena of Camera, which, how ill they conflit with the wild Notions of the Antican, and the wask Conjections of most of the Mederns, in perturbation of the Camera of the

Nature. — Quid ainem miramur Cometes, tam rarum mundi spectaeulum nondum temri legibus certis, nee initta mundi fellecuma nonama teneri tegini certi, nec muna ilitram finefape antefere, quorum en ingenitalis intervallis recurfius 48 i— Venute Tenepas quo ifta qua mune latent, in lucam dies extrabas & longioris Rei diligentia. Venute Tempas quo pofteri une aperta noi notififa mirentur. Erra qui demonfire a tipunado, in quibus Conete par-titus errent 5 cur sam fedacti a ceteris can, quanti qua-

liber errord 5 car non promote the property of the property of

I mis at once lowes all the Phenomena: For it, "13 69", dent, that those which proceed according to the Order of the Signs, a little before they difappear, mail move more flowly, er appear rectograde, if the Earth be lowerist them and the Sun 3 and fewlicts, if the Earth be in a contrary Pars on the contrary. Both proceeding a mainlab the Order of the Since contrary, those proceeding against the Order of the Signs, mong the Planets; as the Motion of the Earth either conamong the Planets 3 as the Monon of the Earth ethols to fightes with em, or goes again? em; their Appearance, with regard to the Earth, must be changed 3 and, like the Planets, they must fornerimes appear furiter, fornetimes flower, and fornerimes retrograde. See Diabettion, Retrograda.

When the Comets move the fwiftest, they must

adiy, "When the Comets move the twittelt, they must e proceed in firstle Lines, but io the end of their Courfe de cline, &c." Because in the end of their Courfe, when they recede almost directly from the Sun, that part of the appa-rent Morien which arises from the Parallax, must bear a

rent Metien which arties from the Paralius, mat bezir as generar proportion to the whole apparent Mozion. "My," The Caneer must move an Billight's, burying one of supply. The Caneer must move an Billight's, burying don't wander precricionly from one Schittens Verzec to another sy bus, making a part of the foliar Syltem, recum perpecually; and mus a condition round. See Ossur, or Heaver, shall ediptic Option being tury long and eccentric; Heaver, shall ediptic Option being tury long and eccentric; the Seen and the Seen and the Seen and the Seen to Seen the Seen and the Seen and the Seen to Seen the Seen and the Seen and the Seen to Seen the Seen the Seen the Seen the Seen to Seen the Seen t

From confidering the Carrity of the Paths of Comets, Sir I. Concideds, that when they didapter, they are much beyond the Orb of Jupiter; and that in their Perihelien they frequently defeeted below the Orbits of Mars and the inferior Planets.

4thly, "The Light of their Nuclei must increase in their Recels from the Sun, and vice verse: Because, as they are in the Regions of the Planets, their Accels toward the San, bears a confiderable proportion to their whole diffusee.

From Observations of the Count of 1680, Sir I. Newton
tound that the Vapour in the Extremity of the Tail, Jan. 25
began to ascend from the Head before December the 11th 3 began to alcend from the Head before December the 11th; and had therefore from more than 45 Days in its Alcent but that all the Tail which appeared December 10. steended in the Space of those two Days, then join parf, fince its Perihelien. The Vapour, therefore, at the beginning, when the Camer was near the Sun, afcended predigionly fwiff; and afterwards continued to afternd with a Motion when the Charle was held the Sala Archeed predictionly retained by the Gestriety of the Particles and by that Aftern increased the length of the Tulia: Due the Tuli, assemblishmeding in lample, conflicial familia bloody of Va-sand the Vapour which sicended first, and compard the Es-tence of the Tuli, die not washin, till it was root for inne-tune of the Tuli, die not washin, till it was root for inne-dend with a quick and continual Montain from the Head, and thus preferrly dilapores; but see permanent Courans were goods. Metting, and in a great parce of time, which yet, by graticipating of that Morion of their Heads they had at the preferrly dilapores; but see permanent Courans were goods. Metting, and in a great pance of time, which yet, by graticipating of that Morion of their Heads they had at the beginning, continue calls on some clang with their of their Regions is argued. See Vacuvu, they "Their Tulia met appear he imped and helpholi-ismeedishing direct their Tulia that of the Region of the immediately direct their Tulian that of the Region of the Vapour.

will emit the most Vapours.

will omit the mold Vapours. Them the Light of the School o

COM

wards obliquely, fill receding from that Part towards which the finnshing Body proceeds.

This, 'That Declination will be fill the leaft near the 'Nateleast of the Comer; and when the Comer is neared the 'Nateleast of the two years affected some fwiftly near the Head of the Comer, than in the highest Extremity of the Taily and when the Comer is at a left diluxen from the

its Tail; and when the CoMT is at a less distance from Sun, than when are greater.
Stilly, 'The Tail is brighter, and better defauld in its 'convex Part, than in its ouncavo'. Because the Vapour in the convex Part, which goes first, being four-what nearer and denfer, refetche the Light mere copiously. 'The Tail must appear broader wards the high-fee Externity of the Come, than or more alle tracefus and die for the control of the Come, than or more alle tracefus and die.

cause, the Vapour in a free Space perpetually rarefies and ditothly, 'The Tails must be transparent:' Because consist-ing of infinitely thin Vapour, &c. Thus accurately does the Hypothesis tally to the Phano-

The Nuclei, which and occidently call the Heads and Society of Course. The Nuclei, which and society of the early the society of the early the society of the early the early different face from this of the Fird Stars, or Hance. Straining tells up, that obliving the Count of 1860 with a TeleStope, it appeared like a Coal dimly glowing, or a nude Mis of Matter illumined with a duffy famild Light, less fissills at the Exercises than in the middle; pathod the than the control of the country of the co

ame Mais o Banter illumind with a dulty funde Light, less finding in the Euromea Stain in the modifier, purche with a finding in the Stain finding in the St Nucleus at all appearing.

Weigelius, who faw the Comes of 1664, the Moon, and a little

Weigeliss, who saw the Comet of 1664, the Moon, and a little Cloud illumit dby the Sun at the fame time; obfere'd, that the Moon, thre' the Telescope, appear'd of a continued lu-minous Surface; but the Comet very different; being per-fectly like the little Cloud in the Horizon, illumin'd by the From these Observations it was, that Hevelius concluded Comers to be like Macula, or Spots form'd out of the folar Exhalation

The Length of the Tails of Counts is various: That of 1680, according to Starmins, about the 10th of November, was but finall, at most not exceeding 20 Degrees in length; in a little time it grew to a length of 60 Degrees; after

ords, according to Strutture, about the each of November, we have first all, attention to exceeding to Degrees in length in a little that figure we have been as the expension of the Strutture of the Cartest of Construct.

Formation of the Years of Construct.

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The Transition of Construction of Construction of Construction of Construction of Construction of Construction of the Years of Construction of the Years of Construction of the Years of Construction of the Years of the Years of the Years of Years

he Conset is compored.

This Afcent of the Vapours will be promoted by their circular Motion round the Sun; by means whereof, they will

endeavour to recede from the Sun, while the Sun's Atmo, fphere, and the other Matters in the celeffial Spaces, are cither at reft, or nearly fo; [as having no Motion but what they receive from the Sun's Circumrotation.

they receive from the Sun's Gircumrotation.

Thus are the Vapours raid into the Tails of Comess in
the neighbourhood of the Sun, where the Orbits are moll
curve; and where the Comest being within the defice Asmosphore of the Sun, have their Tails of the greated length.

morphore of the Sun, have their Tails of the greated length.
The Tails thus produced, by preferving that Metion, and
at the fame time gravitating towards the Sun, will more
round his Body in Ellipfes, in like manner as their Heads,
and by this means, will ever accompany, and freely adneted their Head. In effect, the Gravitation of the Vapours towards the San, will no more occasion the Tails of the Co-mets to forfake their Heads, and fall down towards the Sun, than the Gravitation of their Heads will occasion them to than the Gravitation of their Heads will occasion them to fall off from their Talls: but by their common Gravitation, they will either fall down together to the Sun, or be toge-ther fulpended, or retarded. This Gravitation, therefore, does not at all hinder, but that the Heads and Tails of Qumest may receive and retain any position towards each other, which either the abovemention of Causes, or any other, may

which cincer the accordance of the produced in the Perihelian of Cenuts, will go off along with their Hoad into remore Regions; and either return thence, together with the County after a long forcis of Years; or, rather, be there loft, and vanish by little and little, and the County be left bare; till a vanish by little and little, and the County be left bare; when the county is the county of the county o wanth by little and little, and the Comet be test bare; nile in terrant, delecting rowards the Son, fame little from Tills be gradually and lively product of colding from the barber and the son that the second of th

with their Atmosphere

with their Atmospheres.

He adds, that for the Confervation of the Water, and
Moifture of the Planets, Comers from absolutely requisite; Motifier of the Piners, Courts from a biblierty requires from whose condens of Vapoura and Exhaltation, all that Maf-ters which is figure it Negarations and Perinerfictions, and used into only Barth, 6ft, may be enlipsyly in an excention. It was a state of the property of the control, the state of the property of th dry Earth must continually increase, and the Motifiere of the Gobo-decrease, and at last the quite ovarporated, if they have not a continual Supply from some part or other of the Uni-versity. The property of the Continual Supply from some part or other of the Uni-versity. The Continual Supply from some part and under that the Spirit, which makes the finest, flubtlietly, and belt part of our Asia, and which is ablastically require to the Life and Sheing of all Things, comes principally from the Contest. Consideration for On this Transley. If the Contest on Constantion for the Contest of the Contest

On this reneque, there teems to be Jonne Foundation for the popular Opinion of Perdages from Convert; foece the Tail of a Comer thus intermingled with our Atmosphere may pro-duce Changes very fendble in Animal and Vegetable Beings. M. Facio has taggetfed, that forme of the Convert having their Nodes to very oner the annual Orbit of the Earth; Bould the Berks havener to Essent.

their Nodes to very near the annual Orbit of the Earth Rould the Earth happen to be found in that Part next the Node, at the Time of a Comer's patting by; as the apparent Motion of the Comer, will be interedibly fwirt, for its Parallax will become very feasible; and the Proportion thereof to that of the Sun will be given: whose, fach Tranthe of Comer will afford the best Means of determining the distance of the Earth and Sun.

Earth and Sun.

The Comes of 1472, w.g. had a Parallax above twenty
times greater than the Sun's: and if that of 1618 had come
down in the beginning of March to its defeending Node, it
would have been much nearer the Earth, and its Parallax down in the beginning of More's to its defecteding, Node, it would have been much easure the Earth, and in Tamilies would have been much easure the Earth, and in Tamilies and the Calculation, Dr. Holley finds, that November 1st, 1st. Geller Calculation, Dr. Holley finds, that November 1st, 1st. Geller Calculation, Dr. Holley finds, that November 1st, 1st. Geller Calculation, Dr. Holley finds, that November 1st, 1st. Geller Calculation, Dr. Holley finds, that November 1st. Geller Calculation, Dr. Holley finds, 1st. Geller Calculation, 1st. Geller Calculation, 1st. Geller Calculation, 1st. Geller Calculation, 1st. Geller Land Languagid, 1st. Geller, 1st. Geller Calculation, 1st. Geller Impedit downsted the San by a cornipted Force, they defend as from Spaces lies attach they are gain run of fit to the removed Regions illumoving approach, with facts a preparent Tendency as a series over the Calculation of the Calcu

Apollonius

Apollonius Myndianus was the first who took Comets for regular Sars; and ventur'd to foretel, that one day the Pe-rods and Laws of their Motion would be discovered.

Aftronomets, however, are fill divided on that Head: Newton, Flamiltead, Hatley, and the English Aftronomets, Etc. feem fathsy'd of the Return of Comets: Caffori, and others of the French, think it highly probable; at a later,

others of the French, think it highly probable; de la Hirr, and others, popole and the affirmative Side, fuppole the Camera to define Circles prodiposally occurant; informed as we can on-french camera to the camera to define Circles prodiposally occurant; informed as we can on-fit thin, they are lost in the immensic Spaces, jud not only of this, they are lost in the immensic Spaces, jud not only from our Evely, but our Telefopore. Trast irtile part of their Circle next us, M. Caffini, &c. have found to pain between the Ohlis of Verma and Mars.

e Orbits of Venus and mars.

For the Reafons of the Resurn of Conera, M. Cassini oives thefe that follow

gives theft that follow,

I, In confidenting the Courfe of the Causers, with segard to
the Fivd Stars, they are found to keep a confidentible time
in the Arch of a great Cartie, i.e. a Cartie whole Plane paffee thin of the Centre of the Earth : Indeed, they deviate a
little from it, chiefly towards the end of their Appearance;
but this Deviation is common to them with the Flanet.

but this Deviation is common to them with the Planets, 2. Comets, as well as Planets, appear to move so much the fafter as they are nearer the Earth; and when they are at equal Distances from their Perigee, their Velocities are nearly the fame.

ly the fame.

By fabracking from their Motion the apparent Inequality of Velocity occasiond by their different distance from the Earth, their equal Mexicon might be found; but we should not be certain this Motion were their true one; in regard they not be certain this Motion were their true one; in regard they might have confiderable Inequalities, not diffinguishable in their mall Part of their Orbit wishes to a "Fire indeed mait imail fart of their Orbit wifible to us. "Its, indeed, probable, their real Morion, as well as that of the Planets, is unequal in it felf: and hence we have a Reason why the Observations made during the Armon th

is accquait in it felt and hence we have a Recolos why the Oblivation made during the Appeasance of a Camer can-not give the jult Period or their Revolution. See Francis. The Period Camer Camer Camer Camer Camer Camer Expired: in the Europe Camer Apple, whole Nodes are in the fame Points of the Eclyptic, and whole apparent Velocity in their Periods in the Camer of Commence, two Camer's feen as different Times, yet appealing in all those three Circumstan-ces, can only be one and the times Camer.

ces, can only be one and the fame Connet.

And this were the Connets of 1577 and 1680 observed to do; and those of 1672, and 1698? Not that this exact agreement in the Circumilhaces is absolutely necessifying the certainse can the fame Counct. M. Cassim finds the Moon her self involved and the control of the control of

yeral which difagree herein, yet may be accounted the fame.

The oreat Objections assist the Return of Comers, are. the rarity of their Appearance, with regard to the number of Revolutions assign'd to 'em.

But he adds, that none were ever yet observed till they had arrived at la

But the Appearance of a Comes in this prefent Month of Offober 1725, while yet at a great diffance, to as to be too fmall and dim to be view'd without a Telefcope, may ferre sove this Obstacle, and for the Comers, skill, on the

to remove this Obfracle, and let the termers, many fame footing with the Planets. Sir Iface Newton Suppose, that as those Pianets which are nearest the San, and revolve in the least Orbits, are the are nearest the San, and revolve in the least Orbits, and the least and the least of the San and revolve in the least of the sanders in legits. fmalleft; so among the Comers, such as in their Perihelion come nearest the Sun, are the smallest, and revolve in lesser. Orbin

Orbits.

Dr. Halley has given as a Table of the Aftreomical Elements of all the Conset that have been yet objered with due cate; a whereby, whenever a new Conset thall appear, it may be destrained, by comparing it therewish, whether it be any of those which have yet appear? As and confequently in Feriod, and the Axis of its Orbit determined, and its

Return foresold

For there are many things in the Cause of 1511, obleved by Afferia, which incluses its being the fines with that of 1685, obleved by Kepter and Languagements and which the Health and the For there are many things in the Comet of 1531, observ'd Settorn; the Motion of which Planet is lo dilturb'd by mo refl, especially Jupiter, that its Period is uncertain for seve-ral Days together: To what Error then may not a Comet be liable, which rifes almost four times the height of Saturn; and whose Velocity, if but a little increas'd, would change

and whofe Velocity, if that a little increased, would change in Ellipic Orb into a parabolic one? What further confirms the Identity is the Appearance of another Constr. in the Summer of 14,965 which, too oblerved by some with accuracy, yet by its Eriod, and the manner of its Transith, be concluded in to be theisme: and thence ven-cures so forced its cream in the Year 1758. See So. Las. Syf-tems, and the Plant is refers as where the Orbits of the Isperal Comets are delineated, and their Periods, to many of them as are known, extreft'd.

To determine the Place and Course of a Comer.

Observe the distance of the Course from two Fix'd Stars whose Longitudes and Latinudes are known - from the Dif whole Longitudes and Latitudes are known: from the Dit-tances thus found, calculate the Place of the Comet by Trigonometry, after the manner deliver'd under PLANEX. By repeating the Observations and Operations for several Days faccestively, the Courte of the Center will be high

Davis faccefficely, the Comfe of the Center will be had,
I determine the Camfe of a Center sechetically, and
milbout any Apparatus of Information. The following limited the Markov of the Composition of the Composition Milboud, by a Thared, we once to Longenmentum;
composition that the Composition of the right Lines that join the
may be in the Interfection of the right Lines that join the
we opposite String which is certify lound, by mensor of
Thread placed before the Etye, and extended over against the
Sont and Common.

Stars and Comer.

Suppose, v. g., the Comer's place in the Heavens A, (Tab.
Altronomy, Fig. 15.) between the four Stars, B, C, D, E;
where the Lieu joining the Stars B and D, polifics there,
Body of the Comer; and 6 of the Linea pathing thro C and E,

C, Claim and Comer, and Good the Linea pathing thro C and E. Body of the Control, and foo fiel Lines pating three Coast E. On a Globe, wherein the figure Sters are found, extend a most of the Lines and D, and another three C and E; the control of the C and E; t

To determine the Parallax of a Comet. See Parallax.

COMITIA, an Affembly of the Reman People, either in
the Comissium, or Campus Martins; for the Election of Magiffrates, or for confulring on the important Affairs of the Re-

public. See Campus Martins, &c.

There were certain Days fix'd for these Assemblies, call'd

Dies Comitiales; mark'd with a c in the Calendar of Julius Comitial Affemblies held for the Election of Confuls, were

Comitia Affembise beld for the EleCtion of Conful, were called Complar countries: in the money, the other Comitia a Tableau, a Post of the Comitia a Tableau, a Postiff, Edite, Cfc.

Terr were there Kind of Comitia, via. Corrista, Construction, and Friender & discharge the discipline, iron the manner whereas, and Friender & discipline, the Comitia, via. Corrista, Comitia, via. Corrista, Comitia, via. Comitia, via. Comitia, via. Comitia, Comitia, via. Comitia, via. Comitia, Comitia, via. C

call'd together, in the latter only a part.

The Comitium, or Place where the Comities were ordina-

The Comittinus, or Flace where the Comittin were examined in bed, was a large Hall in the Reman Forms: I was a long time open as top; on which account, the Affemblies were clien interraped by the ill Weather: "Twas first covered over in the time of the fecond Panis War. See Front, Refinus observes, that the Condition and Thibunes were not created in the Comitions, but the Committee Warting and Committee a

The Word comes from the Verb Coco, or Comes, to go toocther.

COMITIALIS Morbus, an antient Term for the Epilep-fy, or Falling Sicknels; to call'd, because if any Perfor was feiz'd with s in the Roman Comitie, the Affermly was im-mediately diffoly'd: this being effected an ovil Omen. See

EFILERY, in Grammar, a Virgula, Point, or Chandler form'd thus [,]; ferring to mark a fluor Stop, or Paule; and to divide the Members of a Period. See Point, &c.

Tis very difficult to fix the precife Use of the Commes; different Authors define and use it differently. The ordinary Doctrine is, that the Comme ferves to diffinguish Nouns. Verbs, Adverbs, and the feveral Parts of a Period, that are not necedially join'd together. But this conveys no clear, precife Idea; for what is it to diffing with the Parts of a Pe-

od not necessarily joun'd together?

F. Busser has carried the Dockrine of the Comms much further: The Comms ferves to diffinguish those Members of a Period, in each whereof is a Verb, and the Nominative Case of the Verb. Thus, That so many People are pleas'd with Trifles, is owing to a Weakness of Mind,

are pleased with Irigis, it overns to a weakers of mina, that makes 'em love things eafs to be comprehended. Befides this, the Comma is wied to diffinguish, in the famo Member of a Period, feveral Nouns Substantives, or Nouns

Member of a Period, feweral Noans Subhitatives, or Noans Algilières, or Verbs net united by a Cenjueltien. Thus, Perros, Period, Everbs net united by a Cenjueltien. Thus, Perros, Period Company, and the Company of the Company company, memberal period with the Company of the Company of the Company, and the Company of the contribution of the Company o

if they depend on the fame Regimen, and are united by a Companion: Thus, Alexander coupered Alia and after bill it is Alman and a Globall in the Alman and Alman

ego incredibiliter delector, que nec ulla impediantur fenec-tute. E mibi ad fapientis vitam proxime accedere videntur. But this Rule does not go throughout; the fame Author inflancing many particular Cafes, not included herein, where yet the Comme is advisable. See POINTING.

Sometimes, e. gr. a Proposition includes another, which may be called Partitive, as being only a Part of the entire Phrase, in which case, the two are to be divided from each other by Commas. Thus, He always fays, as he tells us, the finest Thims in the World.

fourt Things in the Wireld.

The Fourts, a Putsion in Discourie, this observed, are in a Vice with the Control of the Control

Sind of the Eprifica. See Cucton.

As the Member, or Colon divides the Period into two
Parts, each centraling a Senie, the that imperied? thus,
Auregeans the Repulsel, perior templets, diction as part and
consistent and the Period of Senies of the Colon of Colon o

against Verres ; Non enim nos color ifte fervitis, non pilofe genæ, non dentes putridi deceperunt : oculi, fispercilia, frons, gene, mon amusi putria acosperura: cents, splereidas, prosi, volunta devinie coris, qui ferros quidam lacturis aemit eff, bic su frandom, hominen surpulti: bic, ess, quibus cres es-monta, decepti, feffut, in frandom indusir: panei ma tila luntiema vitra novimus; 5 anuel tardistena segenii, fluo-eron, debitatempos lingue, 6 cc. Scc Praxon.

Comma, in Mulck, in the similati of all the festible In-tervisi of Turn. See Internativa, than of a Trans-

The Comma is about the tenth Part of a Tone : or, it is The Comma is about the tenth fart of a Tone: or, it is the Interval whereby a perfect Seminon furpfiles an imperfect one; or a perfect Tone, an imperfect one. See Tone. M. Senoeur fays, a Comma is the Difference between a Tono-major and minor. It is feldem in ale, except in the Theory of Mufick, to firew the Juffness of the Cowle-nancer; for in the Fractice, the Division is drawed and lost. Each lefter Tone ordinarily contains ren Comment. Language only divides his Tone into nine Farrs, or Commes ; fo that according to him, a Comma is the ninth Peri of

The proportion of the greater Commo in Numbers, is as

So to Si ; that of the fmaller, as 2025 to 2018. The Word Comma is Greek form'd of shelw, fees, 1 cur.

COMMANDING Ground, in Fortification, is luch as verlooks any Pott, or ftrong Place, Of this they reckon three forts; first, A Front Command.

Of this they reckon three lorts i firit, A Front Commend-ing Ground, which is an Height expedite to the Face of the Poil, which plays upon its Front. See Facer. ad, A Reverfe Commending Ground, which is an Embence that can play upon the Back of any Pace or Poil, by An Emphase Commending Ground, or Corum Com-

mending Ground; which is an high Place, that can with its Shot from all the length of a first Line. See Environment COMMANDMENT, in a Legal Senfe, has various Ufes; COMMANDMENT, in a Legal Serie, has various User, as, Commandment of the Kere, when, on his own mere Mation, and from his own Mouth he calls a Man law Price. Commandment of the Jufficer, is either abbituse, or ordinary: Abbituse, as when on heir own Authority, and they own Different on the Committee Man to Prifon for Furthburn, Ordinary, as when they commit him rather for fafe Cas. tody than Punishment. A Man committed on an ordinary Commandment is replevifable.

Communication is also used for the Offence of him who directs or wills another to manswers the Law; as by Murde-Theft, and the like.

COMMANDRY, a kind of Benefice, nr certain Rere-nue belonging to a Military Order, and conferred on suriest Knights who had done Services to the Order. See Knight Amigus was that come services to the Order, see Kylienr,
There are plrid, or requires Commandrier, obtain 3 in Order,
and by Morit; there are others of greec or favour;
conferred at the pleasure of the Grand Mailer.
There are also Commandries for the Religious in the Orders of 8. Dernard and 8. Ambony. The Kings of France

ders of S. Bernard and S. Anthony. The Kings of France have converted feveral of the Holpitals for Lepers into Com-mandries of the Order of S. Lazarus. See Larars. Commandries may be compar'd to Conventual Priories; Commendaries may be compared to Conventual Fronces, which, at fifth, were no more than Admindifications of the Revenue of certain Places at a diffusion from the principal Monsiflery. As there was a necestify for having Monta die poid in these Houses to take care of the Effects to the was the like necessity for fending Kuights into shoft Place where the Order had Lands.

where the Order had Lands,

The Commandries of Males are of different Kinds; for
as the Order confilts of Knights, Chaplains, and Brothes
Servitors, there are peculiar Commandries or Revenues astach'd to each. See Males.

tach'd to eich. See Matra.
The Knight to whom one of these Benefices or Commanders is given, is call'd Commanders, which agrees previously with the Proposition for over the Modes in Bares at a diffance from the Montilery, who'e Administration was call'd Obedients, a because depending entirely on the Abort who gave him his Commission. Thun it is with the simple Commanders of Malta, who are rather Farmers of the Order than Beneficiaries; paying a certain Tribute or Rem, called Responsio, to the common Treasure of the Order.

called Refpositio, to the common Treature of the Orion. COMMEMORATION, the Remembrace of any one; or fomething done in beoour of his Memory. Among the Remembrace Among the Remembrace Among the Remembrace have a Legicy to the Church for the rehearing to may Maries in Learnemonaristic of them. See Ours, Carling to The Exchariti is a Comminguistic of the Sufficient of the Sufficient of the Church and the sufficient of the Sufficient of the Church and to so, therefore, Jetius Christ and it not, therefore, Jetius Christ install. So

COMMEMORATION is also the Name of a Religious Feel in the Romfle Church, held on the fecond of November, in memory of all the Faithful decased; infittuted in the XIth Century, by Odillon Abbot of Clugay. See Frant.
The occasion of its Institution is variously related; the most

Committy, we follow, a smooth of Lighty, New Falser, the ond plumble secount in his. A Religione Night returning one and Pigrimage to the Holy Lond, and keing his Read, set be leave the Manufact of Clongs, and the Abdue, Galley the Pilging profiting his Knowledge of both, the Henris took House, the Child and delivered to him, that he warm of the Child and delivered to him, that he warm they follow the the Children of the Henris of a Energies, profit and Administration of the Revenue of a Energies, part of the Months; in order to the Children of the Chi

Amiently, the Administration of vacuat Bishoptica belong it to the nearth neighbouring Bishop; which is till being it to the nearth neighbouring Bishop; which is well bushoptic of admin on this account they were called Commendating Bishoptic and the commentation Bishoptic of administration appears to be very antient; S. Abbandier This Culture appears to be very antient; S. Abbandier This Culture appears to be very antient; S. Abbandier Changho Edicient and the Commendating, i.e., in Administration, whereof his was considered that of Abbandieries, whereof he was ther Church The Care of Churches is feams which had no Pather

The Care of Churches, it feems, which had no Pather, was committed to a Biftop, till they were provided of an Ordinary v. The Register of Pope Gregory L. is fail of their Commissions, or Commentature, granted during the Abfence or Sicknets of a Biftop, or the Vacancy of the Sec. Some Say, that Pope Leav V. fail for the modern Commentature on Sort, in favour of Ecclesiation who had been expelled their Remokers by the Sorteaurs; to whom the Administration of the Commission of t pell'd their Benefices by the Saratens; to whom the Admi

allieston of the vicant Claurican was committed for a time, is expectation of their being refined a time. So, Gregory is in did to have add the farme, while the Lamborst dedistrated Intry. In a little time, they prefixe of Commentain was exceeded in the state of th

When a Parfon is made Bifthop, his Parfonage becomes

ir in Commendam

COMMENDAM, in many Romifb Countries, is a real Title of a Regular Benefice; as an Abby or Priory given by the Pope to a Secular Clerk, or even to a Layman, with Power to difinofe of the Fruits thereof during his Life. See ARROY. To dispose or the Fruits thereof during his Life. See Assort.

No Benefice that has a Cure of Souls, i. c. no Curacy, or
Bifhoprick can be given in Commendam. This Practice betirely contrary to the Canons, none but the Pope, who

When the Commendate becomes vacant by the Death of the Commendatary, it is not effecm'd vacant by his Death ; the Commendatary, it is not effected a vacant by his Death but as it was vacant before the Commendatus was granted, that making no Alteration in the Thing: Yet the Pope gives the Iame Benefice in Commendatus again, by a Privilege which he fill continues.

which he this continues.

By the Pope's Bulls, a Commendatory Abbot has the full
Authority of the Regular Abbot to whom he is fabilitated:
This is expreci'd in plain Torms, Curam Monafterii as regimen & administrationen tibi in piritanthas & temporagimen & administrationem tibi in spiritualibus & tembera-ulus piene committendo. For this reakon, the Bulls expressly require, that he be a Prietty er, that if he han't yet ar-tain'd the Age of Priesthood, he shall take Orders as soon as he has. But this is a mere Formality, or matter of Style;

the Thing is never executed. the Thing is never executed. Indeed, the falling is never executed. Indeed, the fairlival Direction of the Abby, while in Commendatu, is lodgd wholly in the Claudral Frior. The Commendatory Abbort have not any Authority over the Religious in Printualibra: they even cannot either appoint or for stilled the Claudral Priors, who are nominated in the ez Er side des Cimiral Fronc, who are nominared in de Bull ich Administrator of the Sprinnishly je which, how-ever, his Rethélhois is added, one, sill the Abbor arrive as proposed to the state of the state of the state of the state jewes the fine of the Sprinnish and the state of the state of the given the Pince of the defeature Mental pressure deviacement, and thus it is a state of the state of the state of the state of the internal presentation parameter deviacement, and pre-terior in privinsiblesse, discuss the Mental summer per-terior in privinsiblesse, discuss the Mental summer per-pendiguishment of the Mental state of the Sprinnish and the state of the Mental state of the Mental summer per-sent in Sprinnish and descriptions of the Mental state o teris in spritualibus, done the 25 the Etatis annum perce-meris, dantexast constituinus ac depatamans. The Words Adminustration in Sprituals, are understood principally of the Monastic Rule, or Discipline 5 from which the Abboss are excluded, even when they are promoted to the Prietthood,

unies they become Regulars.

The Pope's grant Emedices in Commendata, see only to Cerek, by differency with their Age, and other Qualiformer of the Commendata, see only to Cerek, by differency with their Age, and other Qualiformer of their commendation of their co

In this Cafe there is an Occommus, or Steward, appoint-

In this Cate there is an Occommus, or Steward, appointed to take care of the temporal Concerns.

COMMENSURABLE Quantities, in Geometry, are fach as have fome common aliquot Part, or which may be mealurd by fome common Mealure, to as to leave no Romedurd by fome common Mealure, to as to leave no Romedurd by fome common Mealure, to as to leave no Romedurd by fome common Mealure, to as to leave no Romedurd by fome common Mealure, to as to leave no Romedurd by fome common Mealure.

ainder in either. See MEASURE.
Thus, a Foot and a Yard are Commensurable a there being a third Quantity which will measure each, viz. an Inch which taken 12 times makes a Foot, and 26 times a Tard. See OUANTITY Commensurables are to each other, either as Unites to a

Rarional Whole Number : or as one Rational Whole Number Rational Whole Number; or as one Rational Whole Number to another. See NewBER.

In Incommensionable: 'tis otherwife. The Ratio of Commensionable: therefore is Rational; that of Incommensionable: Hence, alio, the Exponent of the Ratio of Commensionable: is a Rational Number. See Rayso.

Commensurates is a Rational Number. See Raylo.

Commensurates Numbers, whether Integers or Fractions, are fach as have tome other Number which will man. fare or divide them without any Remainder. See Numera.

Thus, 6 and 8, 2, and 2, are refrontively Commentivable. Number

COMMENSURANTE in Power Right Lines are faid to be Commensus act in Prover. Right Libes are raid to do
by one and the fame Space, or Superficies. See Line.
Commensus are fully are fuch Surds as being reduced

COMMENSURABLE Surds, are fuch Surds as being reduc'd to their least Terms, become true figurative Quantities of their Kind; and are therefore as a Rational Quantity to a Rational Sec Sunn.

Rational. See Swan.

COMMENTARY, or COMMENT, an Interpretation,
Glofs, or Addition, made to an antient, obscure, or difficult
Author, to render him more intelligible, or to supply what
he has left undone.

has left undone. Sir Hen. Sacil has wrote a Commentary of 300 Pages in

Quarto, to explain the first eight Propositions in Euclid.

S. Euremend observes, that Commentators commonly frond a great part of their time in finding out Beauties the Au-thor never dreamt of, and in enriching him with their own Thoughts.

COMMENTARY is also used for a fort of History, written by the Person who had the chief hand in the Transoctions related. See Hasyen v.

related. See Histony.
Sach are the Commentaries of Cefar, of Mintlue, &c.
The Word is also used for certain Books wrote on forme par-icular Subject: Thus, Kepler has wrote an excellent Book of Commentaries on Mars; containing Observations on the orion of that Planet.

COMMERCE, Trade, the Exchange of Commodities; or, the buying, felling, or trafficking of Merchandife, Money, or even Faper; in order to profit by the fame. See

MERCHANDISE.

MARCHARMENT.
There is no doubt but Commerce is nearly as ancient as the World is feld's Necessity for it on foot, the Diete of the Marchard of the Commerce of

The same wants and the of America, and many of Affile. See Executary, when the Commerce by bying and felling that legs, now when the Commerce by bying and felling that legs, now when Caise, and the feveral Special Commerce by the Commerce

mote. See Navia Ation.
Among the Antican, Commerce did not appear amountly
Among the Antican, Commerce did not appear amountly
are told, frequently pind that Marchant-Fleet with thefe of
are told, frequently pind that Marchant-Fleet with thefe of
the King of 17th, for their Vorgan to Ophir; and by this
nears reader'd binded, the in a little Kingdom, the checkle
mean reader'd binded, the in a little Kingdom, the checkle
pine, anione Milkoy give as if rom time to time the Treese
of a Commerce cultivated by feveral Nations: but it flow
and the did ware conditionably under the Dominion of the Remain; as appears from that vait Number of Colleges and Companies of Merchants in the feveral Cities, mention'd in Hillo-

ness of Merchants in the leveral Cities, mentiond in Hilde-rians and antices Inferiprions, Sec Cutt.rup X.

The Defiraction of the Romans Empire by the Irruptions of the Barbarians, brought that of Commerce along with it; or at least fulgended its ordinary Operation for fonce time: a by degrees it began to recover it fell, and made a now pro-

gress, especially in Italy

grels; cipecially in Italy.

Hence, the Pyflan, Florentines, Genosh, and Venttiaus, who abconded in Shipping, took occasion to fpread themeleives thre' all the Parts of the Leount and Egypt; bringing thomeos Silk, Spices, and other Merchandites; and familing the greatest part of Europe therewith. And thus was the Bobb of the Spices of t

modern Commerce founded on the Ruins of that of the au-tient Greeks and Romans to the fame Places: And thus did

tient Greeks and Rossaus to the lame Places: And thus on thefe Emons Republics equive their Lutter. The Germans, however, had a long time carried on a fe-parate Commerce; which was not borrowed from the Ro-monst, nor did it fall with theirs. Towards the End of the XIIth Contury, the German Clieck future on the Coaths of the Battic, and the Rivers that run into it, had a confidera-tion of the Coath of t As their Commerce was much interrupted by Pirates, 7a of them united together for their mutual Definee; and were thence called Hanglatic, or Hans Towns. See Hans

Thus they flourish'd till the Beginning of the XVIth or End of the XVth Century; when a Division arising among them, and about the same time a new Passage to the Indies, taem, and about the tame time a new Pailage to the Indies; by the Cape of God Hole, being discovered by the Partu-gueze; and Settlement made on the Coatts of Africa, Ara-bra, and the Indies; the antient Indian and Haufestic Ara-merce fank; and the chief Trade came into the Hands of

The Directors and the policies of the definition of the CVIIIs.

The Directors when a boar the Engining of the CVIIIs.

Centry, the Darks began to their os with en; and its end to the control of the co

and Newli were made the Centre.

The true, the first Conquerors of this new World fill perfeit the greatest and tichest Farred it; and prefere the Conserve theorem to the control of the

fend their Flora's for the Treatures of Peru and Mexico. Sec. COLONY, FLORA, and GALLION.

The Trade of Europe was no Sufferer by this new one of America; the North and South have fill the fame mutual occision for each other as before.

The Navigation from the Battie to the Mediterranean was tedious and difficult: The Situation of Flanders, and the Manufactures which there flourished from the Xth Ceutury, together with the free Fairs of that Country, engaged the Merchants, both of the North and South, to effablish their Magazines first in Bruges, and then in Antwerp. See

FAIR, &c.
The Ethablishment of the Republic of Helland, the favourable Reception it gave to Strangers, and the Refuge it afforded to Religionaries, drew there of Manufacturers to it, as well as Manufactures; and foun funk the Commerce of

Antwerf.

And the fame Resions, the Convenience and Multitude of the Ports of England, the Goodness of the Wools, and the Industry of the Workmen, have brought thither a confidence. derable Part of the Commerce of Europe. See Woollen

Mountacture.

Montificilities.
In Franci, the Nobility are allow'd to exercise Commerce, without derogating from their Nobility: By an Ordenausco and Control of the Control of their Nobility: By an Ordenausco Control of Con felves as the chief Morchant of their States, don't difficult to make their own Palaces force as Magazines: A fail there are forcers. King in July, as well as more their control of their services and the services of their services are the services as the

Restil.

A great part of the Foreign Commerce of England is now carried on by Companier: Some incorporate by the Kingle America, Companier, Some incorporate by the Kingle America, Companies, others only private Afficiation, as the Turky and Humbargh Companies. See Contrast.

COMMINATORY, a Clube inferred in a Zwe, Edde, Patent, Ef. importing a Faulthment wherewish Delinguests are menact dy which, however, is not eccented in to rigout.

See CLAUF.

Thus, in some Countries, when an Exile is cajoin'd not to reture on Pain of Death, it is deem'd a Comminatory Penalty; fince, if he do return, it is not strictly executed;

but a fecond Injunction is laid on him, which is more than Comminatory, and from the Day of the Date thereof, im-ports Death without remedy. ports Death without remedy.

COMMIN UTION, the Act of grinding, or breaking any
Matter into finalier Particles. Thus, we say, the Effect of
chewing, or malficating our Food, is the Commissation thereof. See Massication, &c.

of. See MASTEANTON, GE.

COMMISSARY, an Officer of the Biftings, who ceredic Excleditivela judicities in thoic Earst of the Discess which can be seen to b or the Architectus; for where the Architectus have Just-diction, as in most Places they have, either by Prefeription or Composition, the Commission is superfluous, and frequently vexanous. See Archderoon.

ly vexarious. See AR-SIDEACON.
COMMISSAN, in an Army. There are two forts of Commissance: The Commissance of the Musters, or Muster-Matter General; who takes an account of the Strength of every Regiment, reviews them, fees that the Horfe are well mounted, and all the Men well arm'd and accounter of the Commissance o

Sec Muster.

See Must 10.

And the Commiljary-Grearel of 'Provisions, who hash the Change of hurshing the Army with all Things of that hield, Change of hurshing the Army with all Things of the Alled, Polygatine smoog be Chvilina, and in taken for the Warran, or Patent which any Min executing Junfüllchlen, either collarge or extraordinary that the wateries lim to heart and the Change of the

Commissioners; fometimes, Committees. See Commissioner. and COMMITTEE.

end Committee.

Commission of Anticipation, was antiently a Commission ander the Great Seal, to collect a Subfidy before the Day,

See ANTICIPATION.

under the Great Scal, to collect's Subday before the Day. See Anyvertax-was fulfishing, in a Committion under the Great Scal, to affectine two, or more hearned Perfons, with the feweral pulletes in the herent Devices and Counter to Great Scal, the difficient two, or more hearned Perfons, with the feweral pulletes in the feveral Devices and Content of Counter Scale Scale Scale Content of the Committee of Counter Scale C

Office.

Such are, Commissioners of the Office of Lieucet, Commissioners of Alternation, &c. See Alternation, &c.

Commissioners of England.

See SCUTTOMS.

Commissioners of England.

See SCUTTOMS.

Commissioners of the Treasury.

See Therewer,

And England.

COMMISSURE, Commissions, a Term used by Mr. Boyle, and some other Authors, for the small Means's, or Interstices of Bodies; or the little Cless between the Parricles; efpecially when those Particles are broadish and flat, and lie contiguous to one another, like thin Plates, or Lemeille. See Porr.

mottler. See Vonn.
The Weed literally figuifies a joining.
Construct, in Architecture, Gir. he Joint of two
Constructs, in Architecture, Gir. he Joint of two
Architecture, See Aller See Construct
Among Antomilis, Commiffere in Genetimes used for 8
Source of the Continue, archite.] See Source of the Continue, archite.] See Source, to
the Conditionation of any Matter is referred, either by a Contr.
Construct a Grant Particle and Control of Control
Construct a Grant Particle and Control
Construct and Control
Construction Control

for the examining of a Bill, the making Report of an Inquity, or a Process of the House. See Parliament, Bill, &c.

Sometimes, the whole House is reford into a Committee. Sometimes, the whole rioute is reloaved into a committee on which Occasion each Perion has a right to speak, and re-ply as much, and as often as he picales: an Expedient they mustly have recourse to in extraordinary Cases, and where

usually have recourte to in extraordinary Cales, and where any thing is to be thoroughly canvaid.

When the Houle is not in a Committee, each gives his Opi-nion regularly, and is only allow'd to fipeak once. Committee of the King, is used for a Widow of one of the King's Tenants; thus call'd, as being by the antient Law of the Realm committed to the King's Care and Pro-

commodaTE, Commodatum, in the Civil Juriforu-

dance, the Laus, or free Concession of any thing moverable or immovable, for a certain tense, on condition or relieving moverable or a certain tense. The consistence of the con-tain tense of the contained of the contained of the con-tained tense in printing and does not tensifer the Property as the filled moverable that the Contained of the Con-tained the Contained of the Contained

Loan.

COMMODORE, in the Navy, an Under-Admiral, or Perfor committion'd by an Admiral to command a Squadron of Ships in Chief. See Admiral to command to Squadron, COMMON, formething that belongs to all alike; own'd, or allow'd by all; and not affected to this more than that. In which Sense Common stands opposed to proper, perm-

tier &c

Thus, the Earth is faid to be our common Mother . in Thus, the Earth is faid to be our common Mother; in the firth, or golden Age, all things were in common, as well as the Sun and Elements: The Name Assumed is common to Mn and Beaft; that of Subflance to Body and Spirit. Philosophers dispute whether there be any fach thing as common Notions, insuce, or impressed on the Mind by Na-ure her felf; or whether our locks are all adventitions. See

ture her fell; or windther our test of the fell of the

GENDER.

Such is that of parens, Parent; which is either Masculine, or Feminine, as it is used to fignify either Father or Mother. The Latin Grammarians, beside this, which they call the Common of two, do also make a Common of three; which extends to Masculine, Feminine, and Neuter.

extends to Masculine, Feminine, and Neuter.
Common, in Geometry, is applied to an Angle, Line, or
the like, which belongs equally to two Figures, or makes a
necestiary Part of both.
Common or Denkle Time, in Musick. See Time,
Common Divilor, is a Quantity, or Number, which exselly divides two, or more other Quantities, or Numbers.

astly divides two, or more other Quantities, or Numbers, without leaving any Remainder. See Division.

Common, in Law, is that Soil, or Water, the use whereof less open to the feveral finhabitaries, or Holders of a particular Town, or Lordflinje: In this Senic, we fay, Cammon of Patture, Common of Filming, Cammon of Trutter, Cammon of Filming, Cammon of Trutter, Cammon of Patture, Cammon of

dant, Common appurtenant, and Common by way of neighbourbood.

burbook. in graft, is a Liberry so have Common alone; that is, withou say Land or Tenemen in souther Manthat is, withou say Land or Tenemen in souther Manis commonly patient by Deed, or Gran, or Specialry,
Conston Appendant, and Constons Apparament, are in a
manter confounded, but being defined to be a Liberra
Common appentising to, or depending on such or such a Freelocation appending to the confoundation of the Appendix

Common appendix on the Common appendix of the Common and the Liberra of the Common appendix of the Common appendix of the Common and the Common appendix of the Common and the Common appendix of the Common appen ble; as Hories, Oxen, &c. being accounted fittelf for the

Plowman; and not of Goats, Goele, and Hogs.

Others diffinguish between the two, thus; Common Apparenant may be severed from the Land whereto it appears rains; but not Common Appendant; which, according to my Lord Coke, had its original in the following manner. When a Lord enfeoffed another in Arable Lands to hold

When a Lord enforted number is Arthu Lands to bold of him in Storage; the Foldies, to maintain the Berrier of his Town, had at first, by Coserchy of his Landiond, of the Landiond, and the Landiond of the Landiond, and the Landiond of the

Cossson per Cause de Vicinage, i. e. by reason of Neighbourhood; is a Liberty that the Tenants of one Lord in one Town, have to a Common, with the Tenants of another Lord in another Town.

But it is to be observ'd, that those who claim this kind of Common (which is usually call'd Intercommoning) may not put their Cattel into the Common of the other Town, for put their Cattel into the Common of the other Town, for then they are diffrainable; but, turning them into their own Fields, if they flray into their neighbour Common, they must be fuffered. See INTERCOMMONING

be fatfred. See Javiarcommonino.

Common Duff, in Anatomy. See Ductus Communis.

Common Fine, in Law, a certain Sum of Moncy which
the Refaint within the View of fome Leets pay to the Leed
thereof; call², in fome Places, Head-filver; in others CertMoncy, or Certam Lete, and Head-pence. See CentMoncy, or Certam Lete, and Head-pence. See Cent-

Money,

Money.

It was first granted to the Lord rewards the Charge of his Furchait of the Court Levil whereby the Refinant have whose their granted to the Strategy of the Strategy of the West Levil where their consensations of the Strategy Transcomer, whose their consensations of the Strategy Transcomer Lordenburger, Courses Interduction of any thing yet/most training it can place the Court of the Strategy Transcomer Levil when the Strategy of the S

See Bar, and Inventment

Common Law, Lex non feripts, that Body of Rules go-nerally received, and held as Leau in this Nation, before any Statute, or Lex Rrises was made to alter the fame. See

Law. Origin of the Common Law. After the Decay of the Ro-man Empire, Britain became invaded by three Kinds of German People, viz. the Sasons, Sights, and Justs. From the Justs defecteded the Men of Kent, and those of the Ille of Wight; from the Sasons came the People call'd the Fast, South, and West-Saxons; and from the Angles came the East-Angles, Mercians, and Northambrians, See Hyp.

TARCHY.

Now, as each People had its peculiar Caftoms, fo each include to different Laws a whereof, thefe of the Welf-Sasson; and Mercians, who inhabited the midland Countries, were, upon the Diffoliation of the Hepsarchy, and Effabliffment of a Monarchy, preferred to the rest, and acquired the common Appellation of Just Anglerum. Their particular Names were Welf-Sassonings, and Merchevillegs. See Minicarum. LAGE, ESC.

By these Laws the Nation was govern'd for several Ages, till being at length subdued by the Danes, the Customs of those People were introduced, and incorporated with the rest; and thus a new form of Common Law arole, call'd Thavelove, Sec

DANELAGE.

The Danes being, in their turn, overcame by the Nor-The Masses being, in their turn, overcame by the Normass; the Conqueror, on a Review of the feveral Laws and Cafforns that then obtained, abrogated fome, and abelished others; adding fome of his own Country Laws: and the Syftem, or Affemblage of thefe, is what we call the Constant Lans

The Courtness Law of England, is properly, the common Cuftons of this Kingdom; which, by length of time, have obtain'd the force of Laws. See Custom.

obtained the force of Laws. See Currom.
It is called the Unrecriment Law: not but that we have
most of it written in the old Norman Dialect, but because
it cannot be made by Chatree, or Parliment: for thole are
always Matters of Record; whereas Customs are only Matter of Fat, and fubfit so where but in the Memory of the

People.

The decomment Rection of Things, therefore, Common Leaf flowed appear at the elled flower of the People is in regard it consists of fact Ratios and Parliters as they themselves flowers could be received by the largest and Direction of their own intends, were led to largest and Direction of their own intends, were led to a largest and Direction of their own intends, were led to a largest and Tarizanters, are imposed on the Select at one one and trainment, are imposed on the Select at one one of the own of the select and the select a the Nation, and agreeable to the Nature of the People : Excepting such as are first made temporary; and for their

Excepting fach as are first made temporary, and for their approved Utility, afterwards perpetuated.

The first Sexon Laws published in England, were those of King Exceptor in the Vish Century. 300 Years after, King Affred, whom our Historian call Magnus Yuris An-King Aifred, whom our Hillorian call Magnus Jurus sun-gificent Candierr, aving united the Heptarchy, and render'd himfelf Mailter of the whole Nation; made a Collection from among the feveral Laws of the feveral Provinces of his Domains; and commanded 'em to be obleved' throughout his Kingdom. This Collection was denominated the False-man. Right, and foon after, the Common Low; as being common to the whole Nation.

to the whose Nation.

Refide the Common Law of England in general; there are in divers Parts of the Nation particular Cufforms, and common Utiges, which have the force of Common Law among those Prople who have retaind 'cm 'Such as the Borough-Englift, Gasel-kind, &c. See Bonough-Englift, and GAVEL-EIND.

Where the Common Law is filent, there the Statute Law fpeaks. See STATUTE Law.

All Trains of Commen Levu see by a Jusy of tweev Men. Sec. Just. N. L., Adverpier, a more the Lextend, are to Seguite, the calculation of the things occur were beguing, or Study in 6 dispard, as that smoot a Manifesting, or Study is 6 dispard, as that smoot a Manifesting of Levu and the Comment of the Com

all Trials of Common Loss are by a Jury of twelve Men. Reader; whereby he will be cafily inabled to execute is

hamist.

The first Page of the Book you intend to keep the Gamesmem-staters in, is to serve as a kind of Indee to the whate,
mem-staters in, is to serve as a kind of Indee to the whate,
and to contain Rederective to every Wiger on Marter shearing
may admit of a function Copie, or Variety of Marten,
without not Contained and the State of the Merdod condilan order to this, the first Page, as already mentioned, or,
in order to this, the first Page, as already mentioned, or
to be divided, by parallel Linae, not so to copie Page a, where
of, every first Line to be diffingulated, by its Colours or make
Cormunitance. These Linea new to be an epigendically by
other, denum from top to bettom y and in the ferred Spaces
and Minification, are to be dayly week.

thereof, the teveral Letters of the Expresser, some Capital and Minimcking, are to be duly wrote.

The form of the Lines and Divisions, both horizontal and perpendicular, with the manner of writings the Letters therein, will be conserved from the following Specimen; wherein, what is to be done in the Book for all the Letters of the Alphabet, is here shown in the first four A, B, C, and D.

_	s	T	la .
Λ	i .	C	<u> </u>
	0		0
-	8	-	
	8		
B	i	D	1
	0		0
L	и	L	lu .

The Index of the Common-place Book thus form'd, Mat-ters are ready for the taking down any thing therein. In order to this, confider to what Head, the thing you would

enter is moli naturally referr'd; and under which, one would be led to look for fach a thing; in this Head, or Word, regard is had to the initial Letter, and the first Vowel that follows it; which are the characteriffic Letters whereon all the Ufe of the Index depends,

follow it; which are the characteristic Letters whereon at Suppole, e.g. I would cater down a Falling what refers to the Head Bennty; B. I confident, is the initial Letter, and Brutten B, and there is the late of the Head Bennty; B. I confident Furthern B, and there is B, in an first Word s is a Brutten B, and there is B, in an first Word s is a Brutten B, and there is B, in a first Word s is a Brutten B, and the Letter is B, and first Word s is a Book where Word in child Characteristic have been ex-terly, I must forces to the first blant Surge 1 field, which in the Book where Word in child Characteristic have been ex-terly, I must forces to the first blant Surge 1 field, which in the Book where Word is child Characteristic Regardy; be-geinging the Hand in the Mortin, and I doubting it in the pleasing the Hand in the Mortin, and lookening all the flew is fell; This does, I enter the Fage where its wrote, can be a first the second of the Book State of the Letter of this Characteristic. Had I found any Page or Number already enter of in the Space N_c, I must have reard to the Tage, and have correcting the Tallage in Books.

wrote my Matter in what room was left therein : fo, if after energing the Paffage an E_{auxy} . I flouid have occasion for Zeeworkeree, or the like, finding the Number a already positive of the Space of this Charal-Gerifite, I begin the Paffage on Z_{auxy} density the expectation of the Remainder of the Page, which is also for Z_{auxy} and add the Number z in the Index. Am Z_{comp} few will make the Method of writing down

Heads obviou

Heads obvious.

BEASTY. "The Power of perceiving the Ideas of Beasty is justify call'd a Sopt, because of its affinity to "the other Season in this, That the Pleaster Good of the Association in the Pleaster Good of the Control of t of Advantage, or from the locroale of Knowledge.

And further, the Ideas of Beauty, like the New Egh.

ble Ideas, are necefficily pleafant to us, as well as

immediately to a neither can any Refolation of
our own, nor any Profpect of Advantage or Difadvantage, vary the Beauty or Deformity of an Object: For as in the external Senfations, no View of interest will make an Object grateful; nor De-triment, diffine from immediate Pain in the Per-ception, make it dilagreeable to the Senfe; so, propose the World as a Reward, or threaten the pecual Boil, by make as approve a deformed to pet, a of disproyers beautial one; Diffinantias may be procard by Resonal, or Threatming; a we may in extract Goodsed bothin from any ha-fair of the Beautidi, and partic the deformed; in fair of the Beautidi, and partic the deformed; in the deformed by the second of such as the second of the Federac of Menny, and that it is diffind from that Joy which soft of the second of the Federac of Menny, and that it is diffind from that Joy which soft from Selfore, upon prospect of Advantage. Nay, cell or obstain Beauty, without any other Project of Advantage in the heartful Fern, than the Ingesting the pleasant lokes of Beauty T. Now the Ingesting the pleasant lokes of Beauty T. Now the Predictor of Beauty as in Architecture, Guiden Diployal from Selfore, with a View to obtain the Predictor of Beauty as in Architecture, Guiden Joy Commission of the Selfore of Beauty and the Selfore of Beauty as the without which Selfor, the Colych would not be advantageas, not excite in un the Fledier to the Beauty and the Selfore without which Selfor, the Colych would not be the advantageous, not excite in un the Fledier and the selfore the selfore selfore the selfor without which Scribe, thele Objects would not be thus advantageous por excite in on this Pledium which conflitutes em advantageous. Our sent of Zeauty, from Objects by which they are confituted good to us, is very diffield from our Defit of 'cm, when they are thus conflituted (on Defit of 'cm, when they are thus confituted (on Defit of 'cm, when they are thus confitted in Qualified in the part of th Had we no tuch scinte of Zieatty, Houses, Gargem Dreft, Equipzge, might be recommended to us at convenient, fruitful, warm, eafy; burnever as beint tiful: And in Faces, I see nothing that could please us, but Liveliness of Colour, and Smoothness of

us, but Livelineth of Colour, and Smoothneid of Sasthee. Despity into the Original of our Idea of Bastheen Livelineth of the Original of our Idea of Bastheen Livelineth of the Original of the Idea of the Original of the Idea of Id felves, determines us to Effect and Beerevisier for others: even the very Frame of our Names, of a generous Inflinth.—This univerfal Beerevisier towards all Men, we may compare to the Hindple of Gravitation; which extends to all Bodlets of the Univerfe, but like the Love of Bearevisiers, increase as the Diffunce is diminish (4), and it franged when Bodlets come to roach each other. Id. Ib. p. 131,143,199.—As all Menhave Self-love, as well as Benevolence; those two Principles may jointly excite a Man to the fame Action: and then they are to be confider'd as two Forces impelling the fame Body to Motion: Sometimes they confpire; fometimes are indifferent to each other; and fometimes are opposite. Thus, if a Man have fuch strong Benevolence as would have produced an Action without any Views to Self-Incretic; that fuch a Man has also in view private Advantage, does no way diminish the Benevolence of the Action. When he would not have produc'd so much publick Good, had it not been for prospect of Self-Interest; then the Effect of Self-Love is to be deducted; and his Benevolence is proportion'd to deducted; and which were Renevolence

the Remainder of Good, which pure Benevolence would have produced. When a Man's Benevo-lence is hurtful to himfelf, then Seif-Love is op-

lener is hurtful un himfelf, then Seif-Lore is op-positive Burneviours; and the Benzevineur is proportioned to the Sum of the Good product, and the Refiliates of the Seif-Lore (simounded thereby.—The Monilly of any Perfen, or the Quantity of public Good product by him, is in a compound Ratio of his Burneviours and Abi-litics; US, (by Edultivating the Isiaid Letters for tiller, US, (by Edultivating the Isiaid Letters for Moment of Em) M=20 A. Letter ib, p. 150. [13,142,142].

for. 142, 100.

When the two Piggo definity for one Clafe are full, look frequest for the next Beaking data it has hank if if the hank which the Piggo definition of the Martin of the Piggo finite for the piggo finite fini When the two Pages deftin'd for one Clafs are full, look nected. It may not be smill, too, every time you put a Number at the bottom of a Page, to put it likewife in the Index. Note, if the Head be a Monofyllable beginning with a Vowel, the Vowel is at the same time both the initial Letter and the characteristic Vowel: Thus, the

initial Leruer and the characteristic Vowel; Thus, the Word $AP_{\rm H}$ is to be wrete in $A_{\rm H}$ or to be wrete in $A_{\rm H}$ or to be Word $AP_{\rm H}$ in the Word $AP_{\rm H}$ in the Word $AP_{\rm H}$ in the Index, six $AP_{\rm H}$ is $AP_{\rm H}$ which are fuppised by $C_{\rm H}$ $P_{\rm H}$ deployed by the min And as for $P_{\rm H}$ face it is always below by a m, $P_{\rm H}$ past it in the fifth Place of $Z_{\rm S}$ and for $P_{\rm H}$ in $P_{\rm H}$ and $P_{\rm H}$ in P_{\rm

Others chafe to retain the Cliff Z_{α} , and sliftge a Place of g_{α} below the induce. Instelled Cliffs are one fail-If any imagine that their best of shipeth without Confri-fon, he may follow the faine Method, and yet suggestes the Number to yet, by taking in one more Characteristic to 'em-Bar the lavacore siliures us, that in all his Collections, for a long Series of Years, he never found any deficiency in the ladice, as showe itsid down.

in the 16dex as showe laid down.

Constant Finals, Cammund Piletin, or Basent ConConstant Finals, Cammund Piletin, or Basent ConConstant Finals, Cammund Finals, or Basent ConConstant Colors, the till the granting of Magna Charta
there were but two Coains called the Kingle Courts, orthconstant Constant Constant Constant Constant
Grant of that Charter the Coart of Cammun-Pileting was exteded, and fird to a Pince cortain, view Welbuighter, Hall
whence the Wirts with before mu Core un use of Pileting
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whenc whence the Writs which below the Cosm was veel fullicia-vitis meti, finply 5 were now changd, and ran Carass Juf-ticierii meti, supud Wichmon. See Benen. All Civil Caules, both Real and Criminal, are, or were in furmer Times, tried in this Court, according to the firid Law of the Realm: Fortifier reprefents it as the only Court for Real Caufes.

The Chief Justice hercof is call'd the Lord Chief-Justice of the Common Pleas; who is accompanied with three or four his Affociates, created by Letters Patent, and as it were in-ludges thill'd or pixed on the common Bench by the Lord Chancellor, and the Lord Chief-Juffice of the Court. See

JUSTICE.
The reft of the Officers belonging to this Court, are the Cuffet Brevisium; three Predominaries, or Premounties of the Warrenders, Clerk of the Charles, or Furnata Writin, Clerk of the Pressings, Clerk of the Kingle, Shever, Clerk of the Efficient, Clerk of the Destauries, Clerk of the Derman, whole the world fundament of the the Third Clerk of the Derman, Pro-THONOTARY, EXIGENTER, CLERK, &c.

Common Bench. See Common Pleat.
Common Council. See Common Council.
Common Council. See Common Council.
Common-Hunt, the Chief-Huntiman belongi

onging to the Lord Mayor and the City of London. See Mayon.

COMMON Receptorie. Sec SRECEPTACLE.
COMMON Senfory.
COMMONER, is used for a Student in an University; ntor'd on the Foundation, and not as a Servitor. See Uni

The Word is also apply'd to a Member of the House of Commons; in contradifination to a Paer. See Commons.

COMMONS, in Parliament; are the lower House, con

COMMONS, in Parliament, are the lower Houle, con-filing of Knighte elected by the Counties, and of Citizens, and Bargelles by the Cities and Borough-Towns. See KNIGHT, and Beacasts; fee all COUNTY, Boncoons, 15c.. In their Elections, astiently, all the People had Vorez; box King Harry VI. to avoid Tamalts, first appointed, shart none fround your for Knights but fuch as were Erecholders, 21, 22, 23. none fhould vote for Knights but fish as were Feetnoaters, did refide in the County, and had 2s; yearly Revenue; The Perfons electical for Counties to be. Minter metablist, at self: Eligitaries, or Gentlemen fir for Knighthood, native Emplifymen, at least naturalité d; and at Years of Age; 1 No least, Shoraif, or Exclusible Perfon, no fai in the Houfe Land Members of Counties and the County Shoraif Shor

All recently Goods brought with 'em, are privileg'd from all Attachments and Impriforments; except for Tresfon, Felony, or breach of Peace, all the time of the Seffion, and till they arrive at home, sundo, morando, ad propria

The Commons fit in their House promisenously; only the Speaker has a Chair, or Seat, fix'd rowards the upper End; and the Clerk, with his Affishant, sits near him.

The Members have no Robes, as the Lords ever had a excepting the Speaker and Cierks; and functiones the Pro-fesses of Law in Term-time, and the Members of the City of London.

On the first Day of the new Parliament, ere any Affair is meddled with, all the Members take the Oaths; usually, before the Lord Steward, and in the Court of Wards. See

OATHS. They then proceed to the Choice of a Speaker. See SPEARER.

After the Election of a Speaker, they take the Oaths a fecond time.

fecond time.

**Peror and **Printinges of the Hunft of Consasons. All Bills for levying Money on the Subject, bogin in the Houl's of Cammura is pracupal, via from them he greated Plat of Cammura is pracupal, via from them he greated Plat of the American and American State of the State of the American and Plate of the American and Position an Commissions are not.

Cussmess are not.
The Gammest are allow'd their Expences during Parliamentation, estimated in specific, as the Works of the Writ and 11 to Allow Allowson as the King confidencing the Prices, and the Confidencia the Prices, and the Confidencia the Prices, and the Allowson as the Confidencia the National Confidencia the National Confidencia to Sur Smilinge a Day for dashed Nationa, and the Workson and the Confidencia the Nationance in word of the Workson and the Confidencia Allowance in word of the Constance is also facility on National Constance in Sulf and the Occupient of the Money used the Money used the Money and the Constance is also facility in Sulface and the Constance is also facility in Sulface in

other way. See Parliament.

Commons is a figured in opposition to Noblet, for Perir's vis. for all form of Perfora under the degree of a Brong in-cidiling the Orders of Ranging. Edulars, Gentlemen, the Sens of the Nobility, and Younen. See set the Nobility, and Younen. See each under it proportation of the Nobility, and Younen. See each under it proportation of the Nobility. See the Nobility of Young the Nobility o

Eating of a College, Inns of Court, or other Society, INN, &c. COMMONWEALTH. Sec REPUBLICE.

COMMOTE, an antient Term in Wales, as appears from Stat. Wallie: a Commote was baif a Cautred, or Hundred i Containing 50 Villages. See Hondern.

Wales was antiently divided into three Provinces; eath of these subdivided into Cantreds; and every Cantred into

Hundreds.

Sylvefler Girald, however, tells us in his Itinerary, that a

Commence is but a quarter of a Hundred.

COMMOTION, an inteffine Motion, or Luctation in the

COMMUTION, an insettine Molon, or a Acturon in order of any clinic Term in a blob, of that is allow, or flacks of the Bartin. Then, we fay, a Convidion to a Communication of the Bartin. Thus, we fay, a Convidion to a Communication that for mediulary Fiber of the Bartin. A fall occasions a Chamserien, whence frequently arife a countries device on the communication of the Convincion of the

COMMUNIBUS Locis, à Letin Term, in frequent afé among Philosophical, &c. Writers a implying some Medium, or mean Relation between several Piaces. Ce a a Thus,

COM (278) COM If, therefore, the Body in Motion be triple that at reft against which it strikes, it will lose a fourth Part of its Mo-tion; and whereas, before, it would have run over (v. g.) a

Thus, Dr. Keil supposes the Ocean to be one quarter of a Mile deep, communibus locis, q. d. at a Medium, or tak-

Mile dere, communitate teix, p. 4 as a Medium, or taking one place with modern, them Impore with organd or
Constructive Media, horizon the Hopper with organd or
Them, M. Zerban olderen, that the Depth of Ren,
communities early, i.e. one is amounted to the Depth of Ren,
communities early, i.e. one is amounted to the Depth of Ren,
communities early, i.e. one is amounted to the Depth of Ren,
communities early, i.e. one is amounted to the Depth of Ren,
communities early, i.e. one is amounted to the Depth of Ren,
i.e. of the Important of the Section (Section 1) in Leve
communities when the one of the Early 10 of the Core Converted
Those of the Renford and of the Greek Converted communities when the Mile Renford and of the Greek Converted communities when the Mile Renford and of the Greek Converted communities when the Mile Renford and of the Greek Converted communities when the Mile Renford and of the Greek Converted communities when the Mile Renford and the Greek Converted communities when the Mile Renford and the Greek Converted communities when the Mile Renford and the Greek Converted communities when the Mile Renford and the Greek Converted communities when the Mile Renford and the Greek Converted communities when the Mile Renford and the Greek Converted communities when the Mile Renford and the Mile Renford a

der one.

From the fecond Book of fertuillant to his Wife, it appears, that antiently they communicated fafting. S. Augustin fays expertly, that in fome Churches, in his Time, they communicated every Day.

Among the Greeks, M. Feury observes, the Laity ftill communicated every Sundays, those who omit it three Sundays.

together are excommunicated.

together an excommunicated.

The Orients Dommunicants receive the Species of Wine by a Spoon a unicastly, they fact dit they a. They, as has been oblered by Speca. Reconstruct of Testiming, a thing to aerober, or making him a Sharer with us therein.

Thus, God is fall to communicate this Grace to us by means of his Steraments. The Ufe of Speech is for the communicating four dies and the windows of the Cast-

Philosophers are at a Loss as to the manner of the Canunication, or Intercourse between Souland Body. See Soul, CAUSE, ESC.

COMMUNICATION is also used for the Connection of one rhing with another; or the Passage from one Place to anothe

Antiently, it was frequent to have fubtertane nications between one Place and another. Suc Such a Gallery missions between one Place and another. Such a Gallery makes a Communication between fuch, two Apartments.

Lines of Communication between fuch, two Apartments, Lines of Communication in War, call'd alfo fimply Lines, are Ditthes fix or feven Foot deep, and 12 broad, make between one Fort, or Work, and another; in order for the Data and the Communication of the Co

Paffage between one Quarter and another; especially in a range between the Quarter and another; experient as Sieges. See Line, &c. Communi-Communication of Islams, in Theology, the Communi-cation of the Attributes of one Nature in Jefus Christ to

the other.

The Cammonistanis of Islance, is founded on the Ultip's Cambridge of the Cammonistanis of Allows, it is founded on the Ultip's two Perions I felius Camilla By this Cammonistanis of Allows of Cambridge that of the other. may not fay that Jefus Christ is mere Man; that he is fal-

may not lay that J clus Christ is mere Man; that he is fal-lible, &c.

The Luthersus carry the Communication of Idioms to fax, as to fay, that J clus Christ is not only in his Divine Na-ture, and by reason of his Divine Person, but also really and

and the best of the Division Perfors, but also really and property in his Hurssity, Immorni, Immorni, Umenic, Vic.
Construction of Metins, the Aklion of a moving Body, wheneby a Body are this part holden, or a Body at P. Adultelymeth looks on the Communication of Metins as Foundation of the P. Adultelymeth looks on the Communication of Metins as foundating Metins and pulped Principles, or any Properties of Bodden, but according to his, no mone Consonlide, or Dependence between the Motion or Rett of one Body, and that of another, thus herevers the Form, Concus, Magnitack, 65: of the Body and his Principle, it not any physical Coule of that of suchers. See Coxum.

ther, See CAUSE ther. See Caush.

Lows of the Communication of Motion.

Action, and Reaction, Sir Jake Newton demonstrates, are equal and opposite 3 to that one Body striking against another, and theophy occasioning a Change in its in Motion, does it felf undergo the very same Change in its own Motion, the

contrary way.

Hexco, a moving Body striking directly against another at reft, the one lofes just as much of its Motion as it communicates to the other; and they will proceed with the fame. Velocity as if grown into one Main.

tion; and whereas, before, it would have run over (v. 3.) a Line of a C Foot, in a given time, it will tow only run or 18 j. i.e. it will lofe a fourth part of its Velocity. If the moving Body firstle on another already in Motion, the first will augment the Velocity of the latter p but will lofe less of its own Motion, than had the latter been able.

lole lets of its own Motion, than not the latter been able, lately at reft.

Thus, u.g. if a Body in Motion be triple of another at Reft, and firthe against it with 32 degrees of Motion; it will communicate eight degrees of its Motion to the oxide and retain as us it left. If the other Body had already four degrees of Motion, the first would only communicate six, and retain as it more other five were furtherent, in regard of its creation 32 in face the five were furtherent, in regard of its Inequality of the Bodies, to make 'em proceed with equal Velocity.

After the fame manner may the other Laws of Communi-cation of Motion in Bodies perfectly hard, and void of all Elasthicity, be determin'd. But all hard Bodies that we know of have an elastick Power; and in clattick Bodies, the Laws are different, and much more intricate. See ELASTI-CITY; and the Laws of Percussion in elastick Bodies, see under Percussion.

under Pracussion.
If a Body, when moved by another, happen to decline out of the way, so as to leave a free Passing to the Body whereby it was moved; yet, that will only proceed with the Velocity which it had after its Communication to the other, nor with that it had before: It being a Rue, that every thing endeavours to perfevere; nor in the State When. every taing endeavours to perfevere; not in the State wherein it was formerly, but in that wherein it is at that Juncture: therefore, a Body which has siteasly offer part of its Motion, by its meeting with another; may lofe filli more by a fecond and a third; so as at length to become perfectly quickeent. Aly quiefcent

Hence, 1tl, if two unequal homogeneous Bodies move in a right Line with the fame Velocity, the greater must perfever in Motion Jonger than the family of Bodies are as their Mattes ; but each communicates of its Motion to the circumjacent Bodies which touch its Surface,

Monton in the circumjector Bolicia which morch in Surface, in proportion to the Magnitude of its Surface as the integer Body, therefore, the it has more Surface than the Bindler, yet having left, in proportion to its Maid or Quantity of Monton terry Moment than the finaller.

Surpole, e.g., S. Oche, A., to be a Foot crey way, and smoke, B., one Foot it the Surface here will be as a to a support, e.g., as it is it. If therefore hold Bolicia move that the Maid and the surface has a surface here will be as a to a surface here will be a set to a surface here will be a set to a surface here. The surface here were here will be a set to a surface here will be a set to a surface here. The surface here were here will be a set to a surface here will be a set to a surface here. The surface here were here will be a set to a surface here will be a set to a surface here. The surface here were here were the surface here. The surface here were here were here. The surface here were here. The surfac Cube A muit lote 8 times as mach another every linearing as the Cube B: But that is impossible, because as their Surfaces are to each other as 4 to 13 the Bodies against which they flittle, will only be as 4 to 1. Therefore, when the Cube B is become perfectly quickent, A will have half its

Mence, adly, we fee the Reason why any long Body, as a Dart, thrown lengthwife, continues its Motion longer than when thrown transversly: it meeting fewer Bodies in the way to communicate its Motion to in the one Case than in

the other.

the other.

Hence alfo, zdly, if a Body be moved almost wholly within it felf, fo as to economicate little of its Motion to the ambient Bodies, it must continue its Motion a long time. Thus, a fmooth brafa Ball of half a foot Diameter, supported on a stender smooth Axis, with a very weak impuls, is found to revolve, for the Space of three or four Houss is found to revolve, for the Space of three or four Houss. See Resistance, &c.
COMMUNION, in Theology, an uniform Belief in feveral Persons; whereby they are united under one Head, in

one Church.

one Church.
In this Senfe, the *Lutherson*, Calvinift, Sc. are faid to have been cut off from the Rossift Communion.
This is the primitive use of the Word Communion, as spears from the Canons of the Council of Eleira.
Communion is allo used for the Act of communicating, no participating of the Sacrament of the Eacharit. See

COMMUNICATING

The fourth Council of the Lateran, decrees, that each Believer final receive the Communion, at least, at Easter; Believer flail receive the Communion, at least, at Eplify which ferm to inpure a sait; Defer out they floud it is of other. It is not seen to be a seen of the property of the communion of the property of the communion of the property of t Consumnon under both Kinds; in the Xith Century, the Communion was fill received by the Latty in both Kinds; or, rather, the Species of Bread was dipped in the Wine, as is owned by the Romanifit themselves, Alia S.S. Bons-Sec. 111

M. de Marca observes, that they receiv'd it at first in their M. de Marca observes, that they receiv'd it at first in their Hands; Hist. de Bearn, and believes the Communium under one Kind alone, to have had its Rise in the West under Pope Urban II. in 1996, at the Conquest of the Holy

Land.

The XXVIIIth Canon of the Council of Clermont, en-joins the Communion to be received under both Kinds, dif-zincity: adding, however, two Exceptions; the one of Neinchy; adding, however, two Kxcepiens; the one of Neccellity, the other of Caution, null per necellitates, to dense to leave the first in favour of the Sick, the faccod of the Abstimutes, or those who had an Aversion for Wine.

It formerly was a kind of Canonical Punishment, for Clerks guilty of any Crime, to be reducif to Lay-Campus, i.e. only to receive it as the Laity did, viz. under one

Kind.
They had another Punishment of the fame Nature, the under a different Name, called Fireign Communities, to which the Canons frequently condemn'd their Bishops and other Clerks. This Funishment was not any Excommunication, or Depetition; but a kind of Suspension of the Function of the Order, and a Degradation from the Rank they

held in the Church

held in the Church.

It had its Name, beenufe the Communion was only granted to the Criminal on the Foot of a Foreign Clerk, i.e. being reduct to the lowest of his Order, he took place after all those of his Rank, as all Clerks, 6% did in the Charlest which they did not being. The feecod Council of Agids, orders every Clerk that ablents himself from the Church, to be reduced to twenty Communion.

Church, to be reduc'd to toreign Communities.

COMMUNITY, a Society, or Body of Men united together under certain common Laws, agreed on among themleives, or impos'd by a Superior. See Society, and Con-

POR ATTICM

The Romans, who form to have given the first hint of Communities to the feveral Nations into which their Empire Communities or the teretal Nations into which their Empire was divided, doubtlets borrowd it from fome Rales of their Neighbours: They call'd 'em Colleges; which Term, among them, had nearly the fame Signification with Community among us. See College.

among us. See COLLEGE.

Communities are of two Kinds, Ecclefisfick and Laick:
The first are either Secular, as Chapters of Cathedral and
Collegiate Churches; or Regular, as Convents, Monaste-

ries, Sc. See Chapter, Convent, Sc.

Lay Communities are of various Kinds; forme controlled

Lay Communities are of various Kinda; fome controlled by a fix'd Abode of a Year and a Day in the finne Piace; others form'd by the Difcharge of the fame Office, the Pro-festion of the fame Art, or attending the fame Piace of Wor-fain; as those of Parifles, Fraternities, &c. See Fra-

flip; as thole of *Paryues, *Prisermites, but Occama-TRAINTY, PARISH, U.S. Accordingly, the Word is commonly underflood of pious Foundations for the Support of feveral Persons, either in a Secular or Regular Life; as Calleger, *Albret, Compensis, *Pri-

GOMMONITY, allo, is particularly used for the joint Property in Effects between Husband and Wife: The Refule of which Community is, that during Marriage they are equally intitled to all Effects, and liable to all Debts, contracted either before or under Marriage.

Community is a Species of Succession, and the Acceptation of Community referribles an hereditary Addition.

Community was fet on foot in favour of the Wives, to enter 'em in as Sharens in the Husband's Effects. In Countries where the Civil Law obtains, this Commun-

In Construct where the Civil Liu obetims, this Camus-mity has no piece; as ever an inverse Coltomary Countries of the Construction of the Man.

Market St. Constructive the Man.

Market St. Constructive the Man.

Market St. Constructive the Constructive was on-ton the Constructive the Constructive was on-tered to the Constructive the Constructive was on-tered to the Construction of the Hambard, be-ing only institute to one of the Hambard, be-ing only institute the Constructive the Construc-tive the Constructive the Constructive the Constructive the Colliders of that Marrages; when the Survivor has no trade any increasery of the Effects in Position during Mar-rage, the Wildow may richer resource Consumity with her Children, or continue it

Community tacit, is a Community contracted between a Man and Woman, by the mere mingling of their Effects a provided they have liv'd together the Space of a Year and

provided they have live together the opace of a 1 car and a Day: This Community being odious, is now abotified. COMMUTATION, in Law, a Change of Penalty, or Punishment, viz.. of a greater for a lek, giv. as when Death is communed for, by perpetual Imprisonment, &c. See Punishment.

Some doubt whether the Word be properly applied to any Change but that of Punishment: others will have it indiffe-tently serve for the exchanging, or trucking of any thing. See PERMUTATION.

COMMUTATION, in Affronomy. The Angle of Commuta-tion, is the Diffance between the Sun's true Place feen from the Earth, and the Place of a Planet reduc'd to the Eclyp-Sec PLACE

tr. See Flace.

Thus is the Angle ESR, (Tab. Aftronomy, Fig. 24.)
fubtended between the Sun's true Place E, view'd from the
Earth; and that of a Pinner reduc'd to the Eclyptic, R, is the Angle of the Communition

the Angle of the Communation.

The Angle of Communation, therefore, is found by fabtracking the Sun's true Flace E, from the heliocentrical Place
of the Flanet E, or contantly.

COMPACT, in Physicis, denotes a Body to be clock,
cande, and heavy a having few Fores, and those finall ones.
See Born, For. 8, 56.

The heliotide Mexils, as Gold and Silver, are the most

compass. See Whight

Compact. See Whight.

Compact, in a Legal Scole, fignifies an Agreement, of
Contract flipulated between feveral Parties. See Pact,

Control flipalisted between feveral Paries. See Paer, CONTRACT, 18. On the Name of a celebrated Bull, con-Courtact, 18. On the Name of a celebrated Bull, con-let of the Bull, relating to the Cardinals. In vitue of the Bull, relating to the Cardinal Bull, con-fer Benefects in their natural State; 1, 1. Regular Benefices on Regulars. See Bullaries, Candonal, Rivotrala, 18. – COMPANY, a collective Term, underfined of feveral to the Cardinal Bull, and the Cardinal Bull, and the Cardinal Bull, and Cardinal Bull, and the Cardinal Bull, and the Cardinal Bull, and Cardinal Bull, and the Cardinal Bull, and the Cardinal Bull, and Cardinal Bull, and the Cardinal Bull, and Cardinal Bull, and the Cardinal Bull, and Car fame Defign. See Society.

Change Manierous organica na un un un control de la control de l'ench (ausganic, and that The Wind) a feoral et de French Causganic, and that The Wind I of Causganic stand Causganic, which, Califort ofference, are formed in the Salie Law, Till E. 66, and see propriy Ministry Words, underfined of Soldiers who, according to the modern Parier, are Causganic, or Més-mater, l. c. longe regetter, care orgente, 65° of the Latin com, with, and passi, french care together, 65° of the Latin com, with, and passi, french where the soldier, that in those Greek Autons ander the Winter place Alded, that in floor Greek Autons ander the Soldiers; but 'tis more probable, that the Greek's borrow d it was the control of the Causganic Ca

from the French or Italians.

from the French or Italians.

COMPANY, in Commerce, is an Afficiation of leveral Merchants, or others, who naire in one common Interest, and contribute by which Stock, their Counfel, and their Cares, to the fetting on foot, or supporting of some profitable Establishment. Sec COMMERCE. The Company and Society be, in effect, the fame thing, yet Castom has made a difference between 'em: Society be-

yet Callom has made a difference between 'en: 1 Society peo-ga underflood of 'two, or three Dealers, or on many more (fee Society':) and Campiny of a greater Number.

A fecond difference between Campings and Societies, is, that the fift, especially when they have exclusive Privileges, cannot be childshiftyd without the Concession of the Prince; and need Letter Faten, Charters, 16. See Charter,

and med Letters Patent, Charten, Ur. Sec Chartel, Caronarios, Pervillago, ge.
Whereas, for the latter, this fulfieless to have the Contract of the Members, field, and certify by ARI and Contractly, and neutronic by By Lawa.

mere possibility agreement of the Contract of the Members of the World as the English more of the remote Parts of the World as at the English and Dunit English Company, 30th Sec Chapten, Mig. Selfyst Company, 50th Contract, Mig. Selfyst Company, 50th Contract Con English Companies

East-India Company, was form'd towards the latter end of the Reign of Queen Elizabeth their Charter being da-

or the Reign of Queen Einabeth 3 their Charter being da-ded in 1999.

Their first Fleet, lent out in 1800, brought back 40 rich a Cargo, that in a few Years they numbered ao Shipes. K. James I. to fixe bow much he had in Interest at heart, lens feveral Einhafting to he Canal America Jano I. to flice bow much be had its Interest at heart, free freezh Emblinfie to the Great Megul, Kings of Perija, Jano and other Princes, to make Treatics of Commerce of the Company of the Company of the of which fall-ds fill! The King of Peripayan to mot of which fall-ds fill! The King of Peripayan to the Company feveral extraordinary Favours, in recompance for this Eerick the English had done him, in stiffing him to expel the Partinguese from Ormus; who by means of their fall. The Commerce of the Peripayan of the Peripayan

fine Gold.

Bei in chief Teavour the Compton received at the hands.

Bei in chief Teavour the Compton received at the hands

the Fort and Compton received at the hands

the Fort and Hand of Borrier, Linter in any granted com
the Fort and Hand of Borrier, Linter in any great re
the Compton received the Hands of Borrier, and the Compton

And Compton Reported (Fort and Fort and Fort and Section 1)

And Contract in 167-2, the parented (min in the sounce, the little of

Contract in 167-2, the parented (min in the sounce, the little of

Contract in 167-2, the parented (min in Hernite contract), from

a shirld Charter, the present dime in Hernite contract of

Jacksey, composed of a Legali, and now Merchants, in

a shirld Charter, the present dime in Power to cord & Compton

Jacksey, Compton Reports of the Compton

Language (See, and even of all Charter committed on the high

Sons, or in the Countre and Terconstead of the Gingapero. Gan Gulf.

in Afia, Africa, and America; the whole, however, agreeable to the Ulages and Cultoms of Merchants, and the Laws of England. In 1662, the fame Prince granted the Compasys a Charter, which contains a confirmation of the annies none of King James I. and Queen-Elizabeth 3 or rather, a new Charter, graming 'em abundance of Privileges which they had not before enjoy'd: This Charter is properly the Bails of the Company, and the Fondanien, wherein are tounded all the Rights, and the Folicy of the New Compa-

ny, chablish'd in 1698. This Charrer confils of 28 Articles : In the first, the This Charee confils of as Articles: In the first, the King creds the Company into a Corporation, or Body Poli-tick, under the Name of the Geoverner and Company of Merchants trading to the East-Indies. The 3d grants cm a common Seal: the 4th a Governor, and 24 Directors, or Afcommon Scall in the Repulsions, and a Afficiansis ; the fiftents, choice out of the Proprietors, or Afficiansis; ; the 6th, 7th, 8th, and 9th, regulate the Order and Policy of the Campany, fettle the Officers, manner of Election, Authority, General Meetings, &c. The 10th fixes the Extent of soft, v. th. 8th, and yth, regular vin Coher and Policy of the Campany, facile to Officier, misser of Diection, Audience (Diection, Audience) (Diection) (Diecti Capital Stock necessary to have a Vote in the Meetings, at Lagitat stock necessary to nave a vote in tao Moetings, at soul. Sterling a allowing, however, feveral of those who have left, to join feveral together to form a Voice. Lattly, the 5th allows 'em to fend Voifiels of War, and even to make Peace and War with all the Nations not Christian, in the Extens of their Grant.

in the Executor of their Grans.
All cincis four Cateron of King Charles II, were confirmed by King Yamer II. depending that, which was enforced by King Yamer II. depending the Line was confirmed to the Cateron of the Cateron of the Cateron than the behavior of the Cateron of the Cateron than the behavior and the Cateron of the Cateron

Pounds Sterling. Pounds Sterling.
The first Capital was only \$69891 L Sterling, and \$1. which being thus doubled, amounted to 759782 L Sterling, and to 1. to which, if the Profits of the Company to the Year 1683, wiz. \$63639 L Sterl. be added, the whole Stock

Year 1685, viz., 56:659 f. Sterl. be added, the whole Stock will be tro542a l. Sterling. The Complemy had from time to time undergone great LOGEs fift, is 1685, by the Lofs of Bentom, out of which they were driven, and their Magazines plander'd by the Dutch's under Pretence of affilling Salana Agai againt Sul-Durch; under Fretence of affitting Sultan Agui againtt Sul-an Agun, his Father. 2dly, In 1682, when the great Numbers of Interlopers, to whom King Charles II. too ea-fly granted Permiffiens, lower'd their Actions Cent. per Cent. 1dly, By the War which the Company maintain'd in Gott. 3(4). By the War which the Complety ministral in the plotts against the Court Megal wherein it was shiply on shorden the 18-Chaye of Survar, and to review to Bundley. But sill, the had required the Bundle, and dispersed to the Margine of the County of Martin Martin Court of the County of Martin Order to the Company failant by the Freuer Briversen, 150, part into 16 depends a Condition, that appearing factor published to the Company failant by the Freuer Briversen, 150, part to be fingingered, as we now was exceled a to which, however, the County of the November Court of the November Court of the November County of the November Court of the Novemb

Year 1698 : its Stock was to confiderable, and the Subferip tions to very ready, that in two Years time, the Company had 40 Veffels equippd in its Service; which was double of what the old one ever had: and feat to the Indies (com-quantions annis) a Million Seerling in Silver; Whereas the

former had never fent above 500000 l. This New Complany flands on the fame Footing with the old one 3 its Churter is the fame, in effect: and having cancerd with the Pro-priety of all the Factories and Effects in the Indies, has adopted most of its Regulations. So that this is rather to the effected a Communication of the fame Complany, than a new Corporation.

new Corporation.

For the Policy of the Company: To be a Member thereof, the Candidate must be an Englithman, at least natura,
likel, and pay 5 Pounds Streing as his admittance. To be
a Director, the Candidate must have 2000 l. Sterl, Capital
Stock: The Deputy and Sub-Governor not to be continued
shove two Tears functifierly. Seven of the Directors to be

above two Years fuccedirely. Severa of the Directions to be chain are were yet Jerom, which meet role to Week, jus-chion are were yet Jerom, which meet role to Week, jus-dimen's phirded has feveral. Committees, or Offices; just, for the buying of Goods to be fant to the fairst just for the playing of Welfels; a third fee the examining of what pulles in the after just fourth to the Care of the Ju-pary has a Secretary and a Book-keeper; under the first, is 1: Clerks, and morth the Good. 6. They have also 2, for the committee of the control of the control of the finer, and Workholds keepers; under the first are the "The Christian and work produced the control of the "The Christian was mounted, easily a feet just the Velfels of

ann unner the tecond towers! Forces, US-.
The Company has, properly, only a few listle Veffils of
its own, uted in the Indies: the relt, which toaks the Commerce, being to other Perform; ordinarily, to intro or four
of their chiefel Directors, or other great Merchants, who build
cem on purpole, to let c'm out, on freight, to the Company for each Voyage, according to a Charrer-Party agreed on
between 'em.

between 'em.

The Catgo the Campany fends to the Indies, is chiefly Ingots of Gold, Gold-Dull, Prench Louis d'On, Spanifh Ef,
roice, Freces of Eight, and even English Money, but under
cernala Reliticitons; This Gold and Silver ordinarily makes
or of of the whole Carpo. The cell is Lead, Sweetiffs and
Spanish Iron, Gunn, Fouder, Doglish Goths, Serges, and
other Manufichure of the Comprey 5 Cechined, Quickfirer,

Vermilion, Coral, Amber, Es.

The Returns from the Indies are, Pepper, Drugs, Coffe,
Cotton, Salpeter, Clothe of Gold and Silver, Kaw Silks
from Perfis and China, China and Japan Ware, and other
Cariotitics. Thefe Returns usually amount to 9000001.

Sterling per Annum.

The the whole Commerce of the Indies belongs to the The the whole Commerce of the Indies' belongs to the Campany, excluder of all other Subjects of England's yet private Perfoxs are admitted to trade thinker in two manners, iff, By obtaining a Permittion of the Campany, on the Terms of a Charter-Party: e.gr. whereof the Principal are, that they shall earry a certain proportion of Silver, Merchadine, and even Recruits of Soldiers, for the Company, Keep. dies, and even Recruise of Soldiers, for the Company, Kee to and teat they any Confideration to the Campany, for the and teat they any Confideration to the Campany, for the confideration of the Campany of the Campany

the Company grants to the Proprietors of the Ships

the Lombarity grants to the Propretors of the Ships is freights to the Indies, and the Officers and Crew of the fance. The Company has four principal Ethabilhments, or Faccion in the Indies; oix, as diviner in the Guilf of Beegel, the Cost of Coronavadel, and in Perfix: that at Primars in the Illing of Smarter, is inconfidentile. See Pacroan. Royal African Coste awe, elibbilith of or the Common of the Costs of Gaines, is governed like that of the Left-

Instern Ships, of about 150 Ton, loaden with Iron-Works. Sciffars, Knives, Mufkets, Cottons, and other lefs confiderable McChandises.

rable Merchaneuzes,
The Returns are in Gold-Duft, Elephants Teeth, Wax,
and Leathers: But the best Article of its Commerce is the
Negroes, which it fends to flematics, Barbadoes, and other
Emplify files in Imerica; trequently, even to the Pasts of

New Spain. See NECRO, ASSIENTO, &c.

Nie Spin. See Nano, Antwarie, Ge, Its publich See as eine en tre men in Neur, in de Its publich See as eine en tre men in Neur, in de The 19th Ellekhillemen of this Company, was by a Char ter ganntol in eine, in fewory of the Dobe of Zere, let-ter ganntol in eine in Neuron of the Dobe of Zere, let-ter ganntol in eine in Neuron of England, er on quiffelbly any other Christian Frince, from Care Palme in 18⁻⁷ No. Lat. to the Carlo of God Haprin 32⁻⁷ Sea. Lat. The Duke, and revolk, by confine of the Intert satisfacted with him in the Emerptice 3 and a new Charter gannel in 1651, with angile Phillippel such as Carento.

The principal Adventurers here, were Queen Katherine of Peringal, Queen Mary of France, the Duke of Tork, Heuretta Maria Duchels of Orleans, Frince Rupert; in kather the whole Court came into it. The other Adventuthe office of the control of the con Successors, every time any or 'em the

continue and Giosole in their Gena.

The Privilege granted by the Cantere, are, th. That the
Graphesy fluid be a Corporation, or Body Pointed, thail
have a common Sole, bearing no one fide an Elephan, flayperred by two Negro's, on the other, the King's Poerrait.

That the Governous, with his Deputy, with y of the 24, or
1 of the 50 Diecelora, be authorised to take on 'em the
Jacobs of Allits' That they may beld Courts, make
Laus, infull Yandhamens, 65; provided, fill, they be copiple, and constitue with the Laus of England. That the Laws, Indick Pausifinatus, Er. provided, fillt, they be capitally, and confident with the law of England. That the halfs, and confident with the Laws of England. That they capitally and find our half provided the half transfer be made in open Coart, and he regulared. That it may capital and find our half verificial typicals, for Commerce or Wer, he that it pay the Duties and Colonians, the state of the Commerce of Commerce or Wer, he that the Commerce of Commerce or Wer, he that the Commerce of the Commerce of Commerce or Wer, he that the Commerce of all the, speaked in State of the Commerce of the Article of Percention of the Article of Percention of the Commerce of the Article of Percention of King Targer II. who had a recorded to the Percention of King Targer II. who had a recorded to the Percention of King Targer III. who had a recorded to the Percention of King Targer II. who had a recorded to the Percention of King Targer II. who had belief in the Very 1851.

et woon they obtaind a molt fevere Declaration on their behalf, in the Veat 1483. On this foot the Company has flood ever fance, till the Veat 1703, when a New Africas Company being formed by the Duke of Chandais, and cheers, and a Charter per-chased at the Expense of 150000. I Sterling; the two Com-panies from became united.

Hamburgh Company, is the oldest trading Establishment in the Kingdom; the not always known by that Name, nor retrain'd to those narrow Bounds under which it is now con-

fixed. It was, first, call'd the Company of Merchants trading to Calais, Holland, Zealand, Brahant, and Flonders: Then it acquir'd the general Thie of Merchant-Athentarers of England; as being composed of all the English Merchants who traded to the Low Countries, the Baltie, and the German Ocean. Lastly, it was called the Company of Merchants

mea Ocean. Lattly, it was call'd the Campany of Merchant-Advanturers of England trading to Hamburgh. This Company, as well as some others in England built on its Model, is very different from those abovementiced, and differs widely from the ordinary Plan and System of such Societies. In effect, this is not a Society of Dealers, fish Societies. In efficit, this is not a Society of Dealers, each furnishing a part of the Som to confirme the Capital Sock of the Company; but a more Afficiation, or Body of Merchaets, who have nothing in common but the Grant and Privilege of trading to Hambergh, and fome other Ci-ties of Germany; each manging his own Commerce, and on his own Bottom: only observing a certain Discipline, and Germ Requisitions, which none but the Campany can efficient form Requisitions, which none but the Campany can efficient form Requisitions.

fonce Regulations, which some but the Company can efficient To Change. The Company was the Company was that the Company was eliability, was in 140%, under the Reign of K. Horny IV. It was afterwards confirmed, and sugmented with direct firmings by many of his discretifiers; among the reft, by Marine to the Company of the Societies; among the reft, by Marine to the Company of the

³⁰ 166r. But of all these Charters, there are, properly, none but those of Heavy IV. Heavy VII. Elsesbeth, James, and Charles, that are of any importance, or that give the Castronian are of the configuration of the configuration of the configuration of the configuration.

Before the Charter of Henry IV. all the English Mer-chants who traffick'd out of the Realm, were left to their tean Conduct; and manag'd Affairs with Foreigners, as

might be mad for their refueltive Interefa: without any might be most for their respective Interests; without any regard to the general Commerce of the Nation. Henry, observing this Disorder, endeavour'd to remedy it, by unning all the Merchants in his Dominions into one Ros

by uniting all the Merchants in his Dominions into one Body, wherein, without lofing the liberty of trading each for himfelf, they might be governed by a Comptany this labelling a sad be subject to Regulations, which thous focuse the general Interest of the National Commerce, without prejudice to the Interest of Particulars.

With this View, he granted all the Merchants of his States, particularly thefe of Celais, then in his Hands, a Power of affociating themselves into a Body Politick, with Directors and Governors, both in England and abroad; to hold Afterbics, both for the Direction of Business, and hold Alterblics, both for the Direction of Bunnets, and the deciding of Controversies among Merchants; make Laws; punish Delinquents; and impose moderate Duties and Taxes on Merchandiaes, and Merchants, to be employ'd in the Sers.

om Merchandines, and Merchans, to be employed in the Service of the Corporation.

These few Articles of the Charter of Huray IV, were made augmented by Huray VII. who shift gave on the Tillies of the Charter of Huray VII. who shift gave the control of the Charter of the Chart pointed by the Directors, whether at London, Galais, or el

nere. The Inexecution of this last Article, and contempt of some The Incaccution of this laft Article, and contempt of form of the red, occasioning great Inconveniencies to the Comptage's Affairs, another Charter was procured; whereby, the Pain of Impelicament was measured, for those who fhould ablent themselves from the Affamblies without Iswill Guife,

or flouid dilobey the Laws.

A Request being made to Queen Elizabeth, in 1564, for an Explanation of certain Articles in the Charter of Henry VII.

and a Confirmation of the reft granted by other Kings; that and a Confirmation of the reft granted by other Kings; that Princess, by a Charter of the famo Year, declares, That to end Princefs, by a Charter of the famo Year, declares, That to end all Diffuences, they shall be incorporated a-new, under the Title of the Company of Marchan-Advanturers of England; that all who were Members of the former Company, should, if they defird it, be admitted Members of this : that they should have a common Scal 5 that they should have a common Scal 5 that they should admit into their Sohave a common Scol; that they fhoold admit into their So-ciety what other Perfons, and on what Terms they pleas'd; and expel 'em again on mitchhavlour; that the City of Hamsburgh, and neighbouring Cities, fhould be reputed within their Granz, together with thole of the Lowa Corn-ress, Coc. in that of the former Compagen. That on Meuri-ber fhould marry out of the Kingdom; nor purchafe Lands, E. in any City beyond Sex: and that shole who do, findite,

PB fatts, excluded for ever.

Twenty two Years after this first Charter, Queen Elizabeth granted 'em a scoond 5 confirming the former, and further, granting 'em a Privilege of Exclusion; with a Power of excelling in each Circ within their Country. After these Privileges, the woollen Manufactures became the principal Object of their Application; wherein they were

the principal Object of their Application; wherein they were diffurb'd in the following Relign: King James I. having excelted a Corporation in 1616, in favour of fome private Persons, who offerd to fet up a Manufacture for dying and prefing Coloni, 65. under presence whereof, the Combany of Merchant-Adventurers were prohibited dealing, therein. of Merchant-Adventurers were promoted desing increme.

But that Project not faceceding, and the Charter being revok'd two Years afterwards, the Merchant-Adventurers were vok'd two Years afterwand, the Mecchane-Adventurers were reflered to their amiten Frivileges, and a new Charter was given 'em, confirming their exclusive Rights, and allowing em to have Offices in the feveral Culforn-hoselys, to have an Eye that they were not prejudic'd in their Woolken, un-der percture of the like Mechandizes, which chers were allow d to find to other Parts. This Charter of King Yante, is the last of those confirmed by Charter II. in the Grand Charter of 1661.

Charter of 1661.
The Revolutions which had hoppend in the Lew Con-ries would the end of the XVIII Commy, and which had been seen to the the the third control of the haded the Configurate from consisting their Commerce with their antient freedom; it was obliged to tent it almost whole haded the Configuration of the third their control of the Cocan; From which Change, found People tools coeffion to change its Nime to that of the Hemburgh Conjuny; it in the antient Third of Merchant-Memorarys it fill retailed in all their Writings.

in all their Writings.

Multony Company, was first projected towards the End of the Reign of King Edward VI. executed in the first and fector of Yes of Poblip and Mary; but had not its Perfection, till its Charter was confirmed by Act of Parliament un-

r Queen Elizabeth, in 1566.
It had its rife from certain Adventurers, who were fent It had its rife from certain Adventurers, who were lean in three Veilles on the Dilcovery of new Countries; and to find out a North-Enit Prifinge to Chins: Their failing into the White Soa, and making up to the Port of Archangel, being exceedingly well received by the Mulcovites, at their countries of the Count return, folicited Letters Patent to fecure to themselves the Commerce of Ruffia, for which they had form'd an Asso-

The Charter was promis'd om by Edward VI. but he dying, was first dispatch'd by Queen Mary, in 1555. By this Charter, the Association was declar'd a Body Politick, under

cincion. Some reas promised has by Esternet VI. has the dyling, was find disperally by Queen Mery, in 1555. By Hist
Charter, the Affactation was clearly a Body Foliticks, order
the Name of the Capping of June, French Charter, the Affactation was clearly a Body Foliticks, and a
the Name of the Capping of June, Ferritaries, Indian,
Reason, or melytopineted. Their Privileges were, to
no have a Governo, a Cardini, and clear, and the Capping
to have a Governo, a Cardini, and clear, middle Pearlies,
food out Ships to make Difference, take Politimon of
the Capping of the Cap

North Sea Company and the Commerce in general.

North Sea Company, or, as some, more agreeably to its

Charter, call it, Eaft-land Commery, is established on the

Foot of that of Hamburgh; from whence it appears to have been difmember'd.

Its Charter is dated in the Year 1579. By the first Ar-ticle the Company is crefted into a Body Politick, under the ticle the Composity is erected into a Body Fointex, under the Title of the Composity of Merchesis of the Eaft; to confift of Englishmen, all real Merchants, who have exercisd the Bulines thereof, and trafficked thro' the Sound, before the Year 1468, into Norvesty, Sweden, Poland, Livonia, the Year 1568, into Norway, Sweden, Poland, Livonia, Pruffie, Pomerania, &c. as also Revel, Coningiberg, Danizic, Copenhagen, &c. as and Krost, Contagnery, Thir-zic, Copenhagen, &c. excepting Narva, Mulcovy, and its Dependencies. Most of the following Articles grant 'em the ufual Prerogatives of such Companies; as a Seal, Gover-

Dependence that of the name of article good of the control of the

waten are attowed 'em gratif.

This Charter was confirmed by Chorles II. in 1661, with
this Addition; That no Perfon of what Quality foever, Iving in London, thould be admitted a Member unless he were
free of the City.

Turky Company, or Levent Company. This Company is ethalifu'd on the Foot of the Humburgh Company, i.e. there is no common Fund, wherein the Advantures dendir their Stock, to make one fingle Commerce; but the Commerce thirter is free, each Member trafficking for himlifty and observing, withal, the Rules and Orders of the Company. my; and contributing, occasionally, towards the common

Expence.

This fourfilling Body had its rife under Queen Elisabulz,

James I. confirm'd its Charter in 1604 adding one Peril.

Gene. Daring the Geril Wars, these happyings from legatations in the Government of the Confirmation of the Edited than the Margin of that did not confirm to the Regulations perfectled a Chartet Lupra his Reflexation, Codeward of the It upon his anisation Blags, to which End, he gave 'on a Chartet, consisting one only a Confirmation of their old one, but followed the Confirmation of their old one, but followed the Confirmation of their old one, but followed to the Confirmation of their old one, but followed to the Confirmation of their old one, but followed to the Confirmation of their old one, but followed to the Confirmation of their old one, but followed to the Confirmation of their old one, but followed to the Confirmation of their old one, but followed to the Confirmation of their old one, but followed to the Confirmation of their old one, but followed the Confirmation of their old one, but followed their old one but followed the Confirmation of their old one, but followed the Confirmation of their old one, but followed their old one but fol

of Reformation.

of Reformation.

By this, the Camptony is credied into a Body Politick, can palse of making Lawn, 15c, under the Tutle of the Campton of Merchant of England randing no in the Gast of the Lower. The Number of Merch 11c principal Campton of the Variant Campton of the Campton of

their Admittion, their development and the Collection of Collection and Collectio

these scalines i but the Frosine being allow'd ten on condi-tion of declaring (re., they takes tatter of it. Ill.). In extracellarary Cafes, the Confusi, and even Embatsiller Infantici, have reconstruct on two Departies of the Campayer, we finding in the Zeneur's or, in How are regulated the Perform to the Leveur's or, in How are regulated the Perform to be given, the Vorgage to the made, and every thing the deliberated; and on the Redispitous here taken, the De-puter appoints the Tensfurer to frainful the Montes, Qu'en-qu'ard. The ordinary Commerce of this Campany, employ-cediments of the Performance of the Campany, employ-cediments.

Cannon.

Cannon. The Merchandines exported thither, are Cloths of all Kinds and Colours, Fewrer, Lead, Fepper, Cochineal, and a great deal of Silver, which they take up at Cadis: The Returns are in raw Silk, Calls, Canclots, Wools, Carton, Marquins, Alhes for making Gids and Soap, and fevral Gums and medicioal Drugs.

Managuin, Allies tor mixing Cisis and Soip, not leven.

The Commerce of this Gangary or Soirran, Godjuniers,
\$\rho_{\text{o}}\text{cont} = The Commerce of this Gangary or Soirran, Godjuniers
\$\rho_{\text{o}}\text{cont} = \text{cont} = \text{cont} \text{cont} = \text{cont} \text{cont} = \text{con

the long Wars with France, 'tis no wonder the Fhantom of a new Company flouid be rais'd, ro bring in the Subferices of the money'd Men 3 as the only Expedient to be (nppty) with Money, without difficulties/ing the People, already were out with Subfidies, Eff.

dy were out with Sabfidies, &c.

Be this as it will, 'tis certain the Ministry never thought
feriously, during the whole Course of the War, about making any Settlement on the Coasts of South America: which

ing any Sentement on the Coasts of Senth America; which was the Thing wherewish the People were fift flattered: Besides that, the Fund having been apparently perverted to defray the Expences of the War, its Value was so lower?, that it must in all probability have funk courtight, but for the unexpected Help is met with in 1713. By the Treasy of Urrecty, the Business of the Prench of By the Treasy of Utreels, the Butinels of the French Affects Company, which was so familit the Spanifit Welf-Indies with Negroes, was refignd to the English, in favour of the Stath Sea Company; which by this Tran relieved it felf from its languishing Condition, and put it in a Condition to we with the most flourishing Constants of Commerce in

Pargland.
The Treaty of this Company with the Spaniards, com-The Treaty of this Company with the Spaninesh, com-merces from May 1913; and in to bold a 19 Kern; dening which time, the Compleny is no fraudth the Spanific Amer-ican the Company is no fraudth the Spanific Amer-can the Company is not for the Company of the Rate of 1800 per Amusus, and for all they fraudth be-folio, only to pay this the Date to the King of Spani, for the first it's Years of the Farm, or Afficient. It may be ad-write the Company of Spanish of the Company is only to pay passed to the Company is only to pay pass for the Apost The King's Dele 125 pathors; for Head to Date for the Apost The King's Dele 125 pathors; for Head to ASSIENTA

The chief Establishment of the French Affrents Compa-The chief Editablifilment of the French Afficients Camps-ny was at Burnes Affort, a Town of confiderable Teade on the Coaff of South America. The South-New Company, who without changing their Name, cook on the the Affantas, or Farm of Negroes, preferves the fame Efitablifilment's and 'it's here their Veiffes diffembark their Negroes, which they had negotisted thro' all the Coaffs of Affires within their

The Company, 'tis certain, fet out with good Success; The Company, 'vis certain, fet our with good Success, and there was room to hope fill better since, befoldes shar the Value of their Stock the first five Years, role failter, in proprion, that that of any other Company, is his whijesly, after purchasing 10000 l. Sterling therein, was please to condected to be their Governor, or first Director. For whatermains of the History of this Company, with that fasal Train of romanic Companies it down where the visit of remains of the confer to the Article Busses.

the Article Bunner.

Harberough Company. This Company is yet, Anno 1922, only in Embryo: Its D fign is to fer on foot an immericate Company of the Subjects of Pagland, and those of his Majethy's German Territories. The first Scheme was laid in 1913; a Charter obtaind from time after: The refi

they endeavour'd to eithbifth in the lithmus of 'Davies, which parts N. and S. America. But the English Ministry not thinking proper to avow and furpoor the first Succession of the Complainty, which had alternal O. Spein, ever justous of this part of her Territories, the Society Colomy was disported by the Spinistry in 1700: 1 And thus vanish'd the bell Pro-ject that ever was form of, for disputing with that Nation the Polifichion of those Countries, from which fire perends the Polifichion of those Countries, from which fire perends to exclude all other Nation Dutch COMPANIES.

Dutch East-India Company, had its rise in the midft of the Struggle that People had for their Liberty: For the Spaniarsh having forbid all Commerce with 'em, and shut

Speciarch inverse travels of the Commerce with 'em, and flut when all their permy specifity inflared found Zealander; to feel a new North-Eail Palfage to China.

This Enterprise proving undirectful to three feveral Armanens in 1594, 1593; a fecond Company was form'd, under the Name of the Company of *remaint* Parity which, in 1595; took the ordinary Reut of the Paringueze to the Life, and cream? all her's view and a half's time with little directions of the Company and a half's time with little than the province of the Paringueze to the Life, and cream? Gain, but good Hopes.

This Company, and a new one now just established at Am-flerdam, being united, equipp'd other Fleets; and these oc-casion'd other Companies at Amsterdam, Rosterdam, in Zealand, &c. informuch, that the States began to apprehend they might be prejudicial to each other: Under

they call'd all the Directors of the feveral Companies toge-ther, who all confented to an Union, the Treaty whereof was confirmed by the States in 1601: A very remarkable Epocha, as being that of the moil folial and celebrated B-fiablishment of Commerce that ever was in the World.

ttablishment of Commerce that ever was in the World.

Its first Capital was fix Millions fix hundred thou and Florins. It has 60 Directors divided into several Chambers 2 20 in that of Amflerdam, 12 in that of Zealand, 14 in that of Detable and Rotterdam, and a like Number in those at Number in Detph's and Resterdam, and a like Number in those at Mays and Hor. As each Grant expires, the Company is obliged to procure a new one, which it has already done four times fince the first; eve. one in 1622, for 21 Years, like the first; another for 11 Years, commencing in 1647; and a third in another for at Years, commencing in 1647; and a third in 1765; for a y Years; a fourth in Advance, commencing in 1658, to end in 1740. Each Grant colds the Company a confiderable Sum; that of 1647 cold 1600000 Livres, and the two following ones more. The laft of 1698 was confirmed by a Placard of the States General, granting tem a Privilege exclusive

servid spir rimains of the States Unexcess, granting on a Three Findersee, Refedences, Get in the ERI-Lettin, see about leidate; resching from the PErilian Guil to the traction of the Committee of the Control of the Control, which is the control of the Control of the Control, which the States and Sylvador of a forerigin Prince; making War The other more confidentials: in a Tapean, Maleta, Strat. Control of Circus, Natigitic in Tapean, Maleta, Strat. Sec. In all, they number as Fisharke and a presenta-tion of the Circus of the Control Hands. See Spicery.

Dutch Welf-India Company, effablish'd in 1621, with an

exclusive Privilege to trade 14 Years along the Coafts of Africa, between the Tropic of Gener, and the Cape of Geod Hote 1 and in America, from the South Point of Newfound-Hope, and in zoneries, from the South Folts of Newyonna-land, thre' the Streights of Magellan, that of Maire, or others, to the Streights of Anian, both in the North and

South Sea.

The Directors are divided into five Chambers, (as in the
East-India Company) out of which, 19 are cholen for the
general Direction of Affairs. In 1647 the Company renew'd s Grant for a C Years, but was from shie to hold out the its trained for 2 I came, but was feared able to hold out the Term; by recision of its great Loffets, and Expectes in tak-ing the Bay of Yades lot Sentes, Fernandone, and the great-et Part of Parifil from the Porregueze. The Weskneis of this Campany, which had feveral times in vain attempted to be join it to that of the Eafl-Indies, occinfond its Diffolition at the Expiration of its Grant.

tion at the Expiration of its Grant.

In 1674, a new Company, compoid of the aniont Proprietors and their Occiliors, was fettled in the filme Rights and
Ethablifinance with the Exemery, and fill Hohifis with Hononer: Their fire Capital was about fix Millions of Florian.

Its principal Ethablifinances, are, one at Cape Verd, another in the Gold Couft of Africa, at Tabugo, Curaffice, See

in America.

Dutch North Company has no exclusive Privilege; the Advantages of its Patent being of another kind, and very inconfiderable

confidencie.

There are all in Holland, Companies for the Baltie Sea, the Eilberg of Nova Lenska, Eurid's Streight, and Green-land yes, now of their Filheries as unstrolled to private confilling in this; that the Kamer may not go affect professional than the Companies of the Co

Regulation thereof on ir felf.

To this End, they have establish'd a Chamber of Dire tion at Amflerdem, composed of fix Deputies and a Register; who, under the Bourgomasters, take care of every thing relating to the Commerce of the Mediterranean:

thing returning to the Commerce of the Mediterranean: checically that of Smirma and Confluentingles.

This Company names the Contain, appoints the Number and Strength of Convoys, terminates Differences among the Traders; and has a Right, oo occation, to add new Requirelesses with old ones; a too the too to the contains. firm'd by the States-Genera

mm o 9 too States-Georgia.

French Companis.

French Companis.

French Companis.

And Companis.

The Facent grants 'em the litand of & Madagajas'; and the King to be at one fifth of the Expence of the three first Armameets, without Interest; the Principal to be refunded in ten Years; eq. if the Company find it less on the whole, the Loss to fall on the King's fide.

The Capital Fund of the Company, which was mostly fur-nish'd by the King, was feven or eight Millions of Livres, but was to have been 15 Millions.

but was to have been £5 Millions.

In clifcd, the no means were sunting to support the Con-frest, yet it full dropyd, and fill struggled; sill having sub-fished on Years without any change in Its Form, and being no longer able to discharge its Engagements, there were new no longer able to difcharge its Engagements, there were new Regulations concerted; but to little purpole. At length, Things not being diffused for a new East Insta. Company, the Ministry allow'd the Directors to treat with the rich Traders of S. Meis, and relign 'em their Petivipe under certain Conditions. Under the Hands of these last, the Conpany began to flourish.

Its chief Factory is at Ponichery, or Pondichery, on the Coast of Coron-andel: This is the Refidence of the Director-General; the other Factories are inconfiderable. Merchandlase the Company brings into France, are Silks, Cottons, Spices, Coffee, Rice, Salepetre 3 feveral Kinds of Gums and Drugs, Woods, Wax, primed Callicos, Muflins, &c.

Evench West India Company, establish'd in 1664: their

French Well India Company, ettabilith in 1664: their Charter gave 'em the Property and Seigniery of Caudad, Acades, Antiles Iflewels, Ifle of Cryoner, and the Terra firms of America, from the River of the Amazons to that of Organicks; with an exclusive Privilegio for the Commerce of those Places, as also if Sengral and the Coafts of Guines, for

forty Years, only paying half the Duties.

The Stock of the Company was to confiderable, that in lefs than 6 Months, 45 Veffels were equipped; wherewith they took pofferfion of all the Places in their Grant, and fettled a Commerce: yet it only subfitted nine Years. In 1674 the Gram was revold, and the Constrict above remained to the Kinga Pominions, as before it the Kinga relimbring the Ac-tions of the Adventurers. This Recognition was the time of the Adventurers. This Recognition was the first the Adventurers of the Construction of the Construc-tion to the Construction of the Construction of the row above a Million; and even to alleases he calculor row above a Million; and even to alleases he calculor pool meeting nutured its Bad, which was to recover the Commerce of the Wift Indies from the Emetit, who had term if from 'en'; For the French Merchant bring pow seeds. Grant was revok'd, and the Countries above reunited to the it from em: For the Frence increasing being how actuaried to traffick to the Antilles, by permiffion of the Company, were to attach'd to it, that it was not doubted they would support the Commerce after the Dissolution of the

from, there is distinct to the read of the Difficultion of the Constraint.

Constraint.

Constraint.

Constraint.

Constraint.

Execute Military: Course are, was fast, shallfulful a recipitary.

French Military: Course are, was fast, shallfulful a recipitary.

French Military: Course are, was fast, shallfulful a recipitary.

French Military: Course are, was fast, shall over the Course in the Test exist, and extend to French on the Course in the Test exist, and extend to French on the Course in the Test exist, and extend to French on the Course in the Test exist, and extend to the Course in the Test exist.

Colony, with four Verilla locates with Inhabitation, 16th but exist in the Course of the Nation in And Secondary, was added the Course of the Nation in And Secondary, was added the Course of the Nation in And Secondary in the Course of the Nation in And Secondary in the Course in the Course of the Nation in And Secondary in the Course of the Nation in And Secondary in the Course of the Nation in And Secondary in the Course of the Nation in And Secondary in the Course of the Nation in And Secondary in the Course of the Nation in And Secondary in the Course of the Nation in And Secondary in the Course of the Nation in And Secondary in the Course of the Nation in And Secondary in the Course of the Nation in And

of the Caudidions of its Elibbilimener regarded the fertiling a Colony, a Tende, Ex., the other the verning part of the Bill, call'd Bill of Source, which could no longer faithful on their prefent Foring. The former ten none than are alical in feet hundred Livres; each payable in Bills of Source. The Addinos to be effected as Merchandier, and in that Quali-yra to be bought, field, and traffick'd. The Bills of Source, which was the colonial to the colonial of the colonial to the bought, field, and traffick'd. The Bills of Source, which the colonial to the colonial in 1873. In Faud was field at an hundred Milliss of Lavres is which being Bill, since Cell was after the first thing with the good that the colonial to the colonia

with that of Cassada, was immediately followed by its Union with that of Senegal 3 both, in the Year 17st, by an Art-Co-Council, which at the favor time granted the new Company the Commerce of Caston and made it Millersk of the Negro, or Gineca Trade, to the French Colonies in America.

Nothing was now wanting to its Perfection, but an Union with the East. India Company, and with those of China and S. Domenge, which were effected 4 the two first to 119, and the third in 1120. This Union of the East-India and Corne Company of the West Section 2011. hird in 1710. I has Comon or the Eage-Inais and Coma Comof the Name, and it was henceforth call'd the India Company,

The Reasons of the Union, were the Inability of the two farmer to early on their Commerce, the immeale Debut they had controlled in the Indiac, especially the East-Casa-pany 3 Compisions whereof had been ten to Court by the Industria, which differed tend the Complays 6, that they durif not appear any lumger as Surasi: Luftly, the little Care they took to discharge their Engagements, and their having transferr'd their Trivilege to the private Traders of S. Mats, in condideration of a tench in the Profice of the Re-

turns of their Ships.

The antient Actions of the Company of the West, which were not at Par when this Engrattment was projected, ere it was compleated, were rifen to 300 per Cent. which uper. it was completed, were rifen to soo per Gent, which mus-phed Sacotia, gave occasion to consulae the new Afficia-per per control of the per control of the per control time there were above first Millions infectived for . The first reserve for Million Akloin which were genario in the Lake party of the Million Akloin which were genario in the Lake party of the Million akloin which were genario in the Lake party of the Million akloin which were genario in the Lake and the Million akloin which were genario in the Lake party of the Million akloin which were genario in the Lake opend's to fatisfy the Eurentherfo of the Sablevitters, the Sock was increased by Spectral Areas to three banded Million. Credit fill increasing, the new Actions role to tacq per Cent. and those of the antient Company of the West in 1000 per Cent. an exorbitant Price, to which no other Con-

Took per term, an analyse year of the state fer'd the King to take a Leel's of all his Farms for size Years, at the Rate of chince Million Sire hundred thouling Lives for Annum, more than had been given before; said to tend his Jackipy tweels bandered Millions to pay the one had been supported by the state of the state of the the King, in confidention hereof, granted 'fam all the Phrilioges of the Gerval Grants of the Computers uniform to that Compteny, to the Year 1770 to conduction, loss-ever, of distharping all the Debts of the oid Zell-Lates Compteny, without any Deckelium at all. 'The Loan of other confidence of the Comptens' uniform the Comptens' uniform. of the State, was augmented, three Months afterwards, with three hundred Million more; which, with the former Losa, and another of one hundred Million before, made fixteen husand arother of one nanored 2011100 before, muse unscens mu-dred Millions; for which the King was to pay Interest at the Rato of three for Cest.

The Duke of Orleans, in Fibruary 1720, did the Compa-ny the Honour to pecific in their Affembly, where he made leveral Propolisis to 'em on the Fart of the King; the pra-tice of the Part of the King; the pra-

several ropolals to erm on the Part of the King: the pra-cipal was, that they should take on 'em the Charge and Administration of the Royal Bank. This was accepted of, and Mr. Lew, Comproser-General of the Finances, was named by the King, Infector General of the Judia-Compa-ny and Bank motived.

This Union, which, it was proposed, would have been a mutual help to both those famous Establishments, proved the faral Point from whence the Fall of both commenced: the starl Point from whence the Fall of horn commerces. From this time, both the Back Bills and the Actions of the Company began to fall: in effect, the first perific'd abfalurely, and the other had been drawn along with it, but for the prudent Frecutions take of or its Support.

The first Precaution was the revoking the Office of Infpectors and the Action of the Company and Action 18.

The first Wecusinos was the revoking the Office of Indpotes General, and obligand Nr. Leeve on a tirk Kingdom: 18 seatons Divitions were distincted, and new cose instituted, a decident process of the Comband fallins, it until decident the contract of the comband fallins, it until decident the process of the Comband fallins, it until decident the process of the Comband, which were the seatons of the Comband, and thinked the Procussion to come at the State of the Comband, was by condensation to come at the State of the Comband, was by condensation of the Comband fallins and the Comband fallins of the Comband fallin as well as their criminal Addrefs in realiting their Address, either into Species or Merhanding, were become fo fastion the Sures in order, it positiots, to fecure the hosted Address in order, it positiots, to fecure the hosted Address into their Books, e.g., the present an amount by the Miller Add the new Directions, or, as they were called Registers Address have had feweral other Compares about 50 millers and the second of their Compares about 50 millers and 50 mil

whereof have fallen of themselven, the reli upon the Espe-tation of their Grouns at a, the theory of the fall and the fall of their control of the fall of the fall of the fall pile Affection of two Mechanics of Morphiles in the XVM Control, for fall of the fall of their control of the on the Could of Zerbery, on the Frontiers of Agint and To-markes at Edulburgan and having likewise reast of the the Morrold Princes of the Country in 14th top balls at the Key, edited the Billion of France, whence the Co-stantial Country is the Country of t pany took its Name.

The first Undertakors not being succession, a new Grant was obtained of Makhawet III. in 1604, to new Undertakers: In 1618 to page 100 foursill, and the Colony consisted of 800 Poople: but the Death of their Governor in 1633, gave them a Blow they never proceed.

them a Blow firey never recover d. Several of the Companies have fince endeavour'd to fer the fifthing of Coral on its antient Foot, but hitherto in vain. Guinea Company, was established in 1685 c Its Gesse ex-Gillings Company, was citabilished in 1885; 188 Craite ex-pir'd in 170, but it continued in Trade of Negroes, by the King's Permission, under the Name of Afficiate Company, to the Year 1713; when, by the Treaty of Utracher, that Trade was interneder'd to the English South-See Company; which for Afficute Company. See Guines Company, and Assirny a.

Afflictute CONFANY. See Gritines CONFANY, and ASSINNY A. Cape Verd COMFANY, the fame with that of Senegal, under another Name: It was established in 1664, before the Campany of the 1961; but the Coasils of Africa being included in the Grant of this sait, we hear no more of the Cape Verd Campany till the Year 1673, when it role afresh

under the Title of Company of Senegal.

French South-Sea Company, the fame with the Affanta Company; which fee.

Canada Comrany, establish'd in 1618, for the Commerce

Canada Coarrany, elhbiffid in 1638, for the Commerce
of Cather-Skin, Ed. Its Grant expliring in 1717, it was
united to the Campany of the Weft; which fee.
Accadie Coarrany, elibbiffid in 1638, Its Grant expiring
in 1703, and the War, Ed. pevenning a new one, the Colong was neglected; and was taken by the Englight in 1710,
and confirm'd to 'em by the Treaty of Utrecht.
French Levare Coarrany, elibbiffid in 1670; but its

Privilege revok'd in 1681 French North Company, effablish'd in 1669, and expi-

ring with its Grant in 1600. ring with its Grant in 1690.

S. Demingo Company, effablish'd in 1698, for fifty Years;
carry'd on with honour to the Year 1710, and then united

carry d on with nonoun to the India Company.

Danillo, &cc. Companies.

Daniflo, Roc. Constantes.

Daniflo North Constant, was eshabifitd at expendingen, in 1647: 1 to Elabbifithments are very confiderable in Norways, bediends which, it fends Veffelis to Farnager, whence they convey their Merchandites by Land into the Daniflo Labud's and by Sleeping drawn by Rein-Deer, into the Mulication of the Constant of the Constan on Sledges, to to Panigorad, the Capital of this Part of the

The Commodities it fends thither are Rixdollars,

The Commodities is fends thither are Rikolillar, Theore, and Linears is returns softing but Fors and Skins. **Daniph Illinad Contrant, ethabilitid in the fame Year with the North Contrant, ethabilitid in the fame Year Linear Contrant, ethabilitid in the middle of the XVIIIch Contrary, the chief Faldery is Arrivaler, a North Falder India Contrary, the chief Faldery is at Trimpas-bolf, whither they feed two or three Veifles every Year. Zeront Contrary of the Georgie, ethabilitid in 1645, and 255 and 1645. confirm'd by the Port; notwithstanding the Opposition of

the French

the French.

Its chief Commerce was to be in Pieces of 5 Sols, which
the Geneste had before firmith'd the Turks withal 3 the in
the French Name, and under their Banner; they were now the French Name, and under their Banner; they were now to do it under their own Banner; And accordingly, while the Hamour of these Pieces lasted, as they served or only fer Money, but were likewise used by the Greek and Furzi-ijb Women of the Illands, as Ornamena in their Head-deed, at the bottom of their Velfa, or Perticuts, which were covered with em; the Company laccorded well, enough: Bat that Money being decried in 1670, the Company has lan-guish'd ever fince; and can now scarce support a miscrable Commerce.

Company of Ships, is a fort of Fleet of several Merchant-Veffels, who make a kind of Charter-Party among them-felves; whereby, under several Clauses and Conditions tending to their common Safety, they engage not to quit one another, but to defend each other reciprocally, during their

Voyage.
These Affociations, in the Mediterraneau, are call'd Confrees. See Consense.
The chief Conditions of the Charter-Party, are, that fach

The cher Conditions of the Charter-Farry, are, that igeh and fuch find be own'd Admiral, Vice-Admiral, and Conter-Admiral. That thefe which bear no Guns, finall pay for much per Cem. of their Cargo, for the Expences of the Admiral, 5c. that fisch and fisch Signals finall be observed; a that if they be attack'd, the Damages thall be reimburs'd by the Company in general, Sc. Sec Charte, Party. Rule of Company, or Fellowship, in Arithmetick, is a Rule whereby we discover, or aftertain the Share of the

Profits, or Loffes, belonging to the several Partners, or Asso-ciates in any Enterprize, in proportion to the Stock each contributed thereto, and the time that Stock was in Bank. See Fellowship.
Company, in War, is a little Body of Infantry, commanded by a Captain. See Captain.

The French ofe the Word indifferently for Horfe, or Foot; but the English appropriate the Term Trees to a Company of Horfe. See Trees are Horic. See Tagor.

The Number of Men in a Company is uncertain; in the dinary Regiments 'tis 50, in the Guards more. See Ra-

erdinary regiments to 30, in the Guerds more. See RR-GIMENT, and GUARD. In the French Guards the Constant is 120, in the Smith

un the fre Configures not imbedied into Regiments, are called Z-J-

tondest Constanies

The French have their Free Companies, who never enter The French have their Free Companies, who never onter the Body of any Regiment; and Companies of Ordonance, who in like manner never enter the Body of a Regiment, but confill of the Genes at drawer and Light-Horie. They were instituted by Charles VII. who chole out fifteen Captains, under each of whom was to be 100 Lances, or Men at Arms, each Man at Arms to receive Pay for fix Perlons.

at Arms, each man at Arms to receive Fay for fix Perions, himfelf among the Number; the refl to three Archers on Horfeback, a Cutler, and a Servant. COMPARATES, COMPARATA, in Logic, the Terms

or Subjects of a Companylon; or the two Things compared to each other. See Companylon

COMPARATIVE Anatomy, is that Branch of Anatomy which confiders the fame Parts of different Animals, with which connects use tame rarts of different animals, with relation to the particular Structure, and Formation which is most fuited to the manner of living, and the Necessities of

every Creature. See Anaromy

every Creature. See ANATONY.
Thus, in the Comparative Anatomy of Stomachs, for inflance, it is remarkable, that thole Creatures which have the Opportunities of frequent feeding, have their Stomachs very small, in comparison to some Creatures of prey, which, very finall, in comparison to tome Creatures of prey, which, probably, may be under a necessity of fasting a long time; and therefore have Stomachs large enough to hold Food suffi-

and therefore have Stomacha large enough to field Food fuffi-cient for fact a time. See Sromach, Ruminarion, &c. However, in the common ale of the Torm, Comparative Australysis underthood of any Anatomy of Barcas; whether with any immediate reference of their Structure to that of

other Animals, or not.

other Animals, or not.

Compasarive Degree, in Grammar, is an Inflexion beween the Pofitive and Superlative Degrees; whose effect is,
to set a thing above or beneath the Level of another. See DEGREE

The Latins expected their Comparative Degree by a par-ticular Termination of their Adjectives, and Participles ; wherein they are follow'd by the English, the by few other

wherein they are follow'd by the English, the by few other of the modern Languages.

The French form most of their Comparatives, by adding the Participles plan, mains, and ariss, the Italians by pin, seems, &c. as the Thing is to be raise'd, lower'd, or equall'd

to another.

COMPARISON, parallel; the Relation of two Perions or Things, confider'd as opposed, or fet before each other, in order to find wherein they agree or differ; or wherein one has the Advantage of the other.

one has the Advantage or the other.

Comparison, in Rhetorick, is a Figure, or rather Place, in Speech, whereby two Things are confidered with regard to fame third, which is common to them both. See Figure 1. and PLACE.

Thus, Cicer. Topic. Catoni licuit sequi bellum civile, igi-gar & Ciceroni licebit. Twas allowed Caso to engage in the Civil Wars, therefore it may be allow'd Cicero: where, to

engage in the Cruit Wars is common to both.

There are three Kinds of Comparifon 4 the first à majori, i. e. from the Major to the Minor, as that of Cicero against Authory, Quid fectris domittue, cum aliene tam fit infliens.
Or that of Terence; Quem fores, fi parentem non fort fuum.
From the fame Place, Ovid endeavours to appeale Cefar.

Car ego poffe negem leniri Cafaris iras Cum videam mites boftibus effe Deos?

The second a minori, i.e. from the Minor to the Major : Thus Coero, Majores meltri feets unerstoribus, as neutcula estibus injuriofies tractatis, bella geserunt; vos tot circums Romanorum millibus uno sumulo acque uno tempore necasis

Romanowam multibus woo musice stype two tempore necasis que tendom atmos offs debest?

The third a pars as when we contend that what obtainin non Thing, ought no obtain in another of the fame Kind. Thus, "Tents a Law, that he cohe kill d his Father flead be few'd us in a Sack and thrown into a River; storefure, he cake kill d his Mober deferes the flow Pumillment.

Capto tuam, pudet beu, fed capto, Maxime, canam Tu captas alterius ; iam fumus erro pares. Mane falutatum venio, tu diceris iffe, Mane falutatum : jam fumus ergo paret, &c. Ante falutatum : jam fumus ergo paret, &c. Mart. Lib. II.

COMPARISON of Ideas, an Act of the Mind, whereby it compares its Ideas one with another, in report of Exten, Degree, Time, Place, or any other Circumflances. See Inca. This Operation of the Mind is the Ground of Relations. See RELATION.

Brutes feem not to have this Faculty in any great degree; They have, probably, feveral Ideas diffiner enough; but cannot compare them farther than as to fome fentible Circumflances annexed to the Objects themselves: The Power of comparing general Ideas, which we observe in Men, we may comparing general Ideas, which we observe in Men, we may probably conjector tely have not at all. See AMPMACE, DENEMAL TITUS, See.

COMPARTMENT, a Comparation of the Comparation of the

The Term Compartiment is also used in Painting: Thus, we say, all the Turkish and Moorish Paintings are only Compartiments: The fine Bindings of Books are in Comparti-

COMPARTIMENT, in Heraldry. See Partition.
COMPARTITION, in Architecture, the ofeful and
graceful Diffribution of the whole Ground-Plot of an Edi-

graceful Diffribution of the whole Cround-Fue of an Editic, iteo Rooms of Office, of Recoption, or Ensertainment. See Distribution, Fig. 2015.

Comparation makes once of the great Divisions of the Art Comparation makes one of the great Divisions of the Art COMPASS. The Meritariar's, or Natitival Court sat, is an Inflament used by Filont, to direct the Court of the Ships. See Course, Naviatorous, Se. 11 conflict of a Dos, which independent per a limit Distribution of the Court of th ht compute or a Box, which menues a magnetical Notice, hiat always turns to the North; excepting for a little De-clination, which is various in various Places, and even at various Times, in the fame Place. See Needler, and Va-

climation, which it various it various Places, and even at various Times, in the finer Place. So NATILES, and VASALES, AND

nícd the Compaß in the fame manner as the Chingß fill do; i.e. they let it float on a little piece of Cork, inflead of lufpending it on a Pivor. "Tis added, that their Emperor Chinnggus, a celebrated Aftrologer, had the Knowledge of it 1120 Years before Christ. The Chingß only divide their Compass into 24 Point

Company into 24 volumes.

Faucher relates some Verses of Guyot de Provence, who lived in France about the Year 1200, which seem to make mention of the Compass under the Name of Marriners, or Mariners's Stone 3, which shewsit to have been used in France near 100 Years before either the Melphite or Venetian. The French even lay claim to the Invention from the Flower de wherewith all Nations still distinguish the North Point

of the Card. of the Carn.
With as much Reason Dr. Wallis ascribes it to the English,
from its Name Compass, whereby most Nations call it; and
which he observes, is used in many Parts of England to fig-

nify a Circle. nity a Circle.

The UE of the Sea-Compass is obvious. For, the Course a Ship is to fail in, being known by the Chart; and the Compass for placed, as that the two parallel Sides of the Guare Box be disposed according to the length of the Ship, f. e. parallel to a Line drawn from the Head to the Stern; the Rudder is to be directed accordingly; v.g. If the Course be found on the Chart between the South-West and Southto tend on the Chart browen the South-Weil. The Conference South-Weil, r. South-Weil, r. South-Weil, r. South-Weil, r. South-Weil, r. to the South reads of a state a Line from the South-Weil, r. South exactly read for the Half of the find of the property of the south reads and the south reads of t

Its Structure, in the main, is the fame with that of the In Structure, in the mann, is the lame with that of the Mariner' Company 2, confilling, like that, of a Ziw and Mariner' Ambap 2, confilling, like that, of a Ziw and Mariner' Lower and the Company 2, and the Mariner's Lower and the Mariner's Lower and Lawrence and

the bottom of the Box, and a Circle divided mo 360 De-groes on the Limb. See Tab. Surveying, Fig. 13. This infitument is of obvious use to Travellers, to de-rect em in their Road; and to Minere, to thew them what way to dig. See. But it has other Ules, tho left cafe, yet

red'tem in their Roud 3 and so Miners, so flow them what way to dig. (5°. Inter it has other Ules, to he fee Grig, ya mere condiserable.

1. To take the Bradination of a Wall by the Contrast, Apply that after of the Company who thereon the North immedia which the North End of the North force in North immedia which the North End of the North face will be the for-ciliantion of the Wall, and on that fide 1 or g. if the North Point of the North End of the North Force of the North End of the Wall may be lines on by the Sun at Noru, if it it's our to Degrees, consider from the North owner the End, find

50 Degrees, counting from the North towards the Estl, the Declination is 6 many Degrees from South towards Estl.

But fince the Needle it leif declines from the North acards the Well, with us, 15° it mult be noted, that so extrieve the Irregularity, 15° be always added to the Degree filtens by the Noedle, when the Declination of the Wall is towards the Estl to on the contrary, when the Declination of sources at the Well, the Declination of the Needle on be fulltowards the Well, the Declination of the Needle on be fulltracted. See DECLINATION.

2. To take an Angle cuth the Compass. Suppose the Angle requir'd be DAE, (Tab. Surveying, Fig. 11.) apply that fide of the Compast whereon the North is mark'd to one that file of the Catogoty whereon the North is mark'd to see of the Lines AD y when the Norelle refit, obsferve the De-grees at which in North Youth thatds, which fupped by a proper to the North Young the North Young the In the Imm some take the Declaimation of the Line Ag, which fupped a 15% is fibred? 80° from a 15, the Reminder is 355 which throughted from 165, there will remain 45°, the quantity of the Angle required. Declaration of the test Lines exceed 15% is in that Caloft, 81% on the four-the form that difference the Reminder's the Angle required. For the Method of Juspig this down on Paper. See Even

Note, In measuring Angles by the Compass, there needs any regard be had to the Variation; that being support

Note, In menfuring Angeles by the Canapay, there seem on any segrate be also the Verbristory, and be their glorged the first seem of the control of the cont

make wice as many right Angles, shating two g 11 no 500-table have been committeed. On the common Ost Gardy-de State of the common Ost Gardy-de State of the common Ost Gardy-de State of the common ost Gardy-tee of the common ost of the common ost of the Card is, a beaut Cliric A.B. (The A. Nengarian, 1981, 1981, one half whereof is divided imp so Degreen, and those like divided diagonally now Manura is a it as a index movement of the common ost of the common ost of the common ost a litinge. From the upper part of the Sight, so the middle of the loads, is differed if not hypothesial Lune String 46, to give a Shadow on a Line in the middle of the lively-tic of the common ost of the lively-tic of the loads, is distinguished the lively-tic of the loads of the lively-te of the loads of the lively-te of the loads of the lively-t on the liveling of the loads of the lively-t of the lively-t on the liveling of the lively-t of the loads of the lively-t of the lively-t on the liveling of the lively-t of the loads of the liveling of the liveling of the liveling of the loads of the liveling of the li from the Extremities whereof are drawn four Lines on the infide of the round Box: there are also four Lines drawn at right Angles to each other on the Card. The round Box fitted with its Card, graduated Circle, and Index, is bungling the brafs Hoops BB, and those Hoops fasten'd to the square Box CC.

The Up of the Assumath Concess, is for finding the Sun's the Head setch'd; which, by In Spring, open the Bookly aspected Asimuch, or Amplitude; and thence the Va-first the opening being directed by a decair Server, finding or the Consideration of the Considerat magnetical Asimuth,

raidin of the Company.

If the Obfervation be for an Amplitude at San-rifing, or an Azimuth before Neon, apply the Centre of the lader. Be on the Welf Point of the Card, within the Sox jo that the four Lines on the Edge of the Card, and thole on the indied of the Box may meet. If the Obfervation be for the San's Amplitude ferting, or an Azimuth in the Afternoon, run the Centre of the index right against the Est Point of

Said Amplitate terring, et an Arimsth in the Africanous, rout the Cancer of the Index right a signist the East Barra of the Cancer of the Index right a signist the East Barra of the Index right a signist the East Barra of the Index of the Card of The Indirectors than Street for Obstervation, runt the Index de securate the San, Ill the Shadow of the Thread of Eal directly on the Six of the Signis, and will the inner Edge of the Index or the Degree and Mines of the Sain supported Animath from the North or South.

Blut once, that if, when the Changid is than placed, the sured to exact the San, it will gain of the Index of the Index or the Index of th

tion of the Needle is that determin'd.

Being out at 8ca the 15th of Mey 1715, in 45° N. Let.
the Tables give me the Sun's Latitude 15° North, and his
Eath Amplitude 27° 27 North By the Azimush Compaffe,
I find the Sun's magnetical Amplitude at his rifing, and I find the Sun's magnetical Amphiende at his ribing and ter-ting; and find he rifes, v.g. between the 62d and 63d Deg. reckoning from the North towards the East Point of the Combaß, i.e. between the 27th and 28th Deg. reckoning from the East.

from the Eath.

The magnetical Amplitude, therefore, being here equal to the true one, the Needle has no Variation. But if the Sun at his tring frouid have appeared between the 3rd and 3rd Deg. from the North towards the Eatl, his magnetical Amplitude would then be between 37 and 38 Deg. i.e. about 10 Deg. greater than the new Amplitude: therefore,

about 10 Deg. greater than the true Amplitude: theretore, the Needle would vary about 10 Deg. North-Enferly.

If the magnetical Baff Amplitude found by the Influences, flooald be lefs than the true Amplitude, their Difference would flow the Variation of the Needle Enferty.

If the true Eaft-Amplitude be Southwardly, as allo the

If the true Eath Amplitude be Southwardly, as allo the magnetical Amplitude and this lath be the greater; the Variation of the Needle will be North-Weft, and rise crypt. What has been failed North-Eaft Amplitudes, holds alof of South-Weft Amplitudes. And what of South-Weft Amplitudes. See Amplitudes, holds of North-Weft Amplitudes, See Amplitudes, holds of North-Weft Amplitudes. See Amplitudes he found of different Demonitarions.

Lattly, if Amplitudes be found of different Denomna-tions, e.g. if the true Amplitude he of Den, North, and the magnetical Amplitude 5 Deg. South; the Variation, which in this Gate is North-West, will be equal to the Sam of the magnetical and true Amplitudes: Understand the fame for Weit Amplitudes.

Weit Amplitudes.

The Variation may likewife be found from the Asimush :
but in that Cafe, the San's Declination, Latitude of the
Place, and his Altitude must be given, that his true Asimuth may be found. See Asimuyre.

COMPASS of Proportion. See Sector

Compass-Duds, are finall Dials, fitted in Boxes, for the Pocket, to fhow the Hour of the Day by direction of the rocket, to flicw the Hour of the Day by direction of the Needle; which flews how to place them right by turning the Dial short, till the Cock or Style stand directly over the Needle, and point up to the Northward; but these can never be very exact, because of the Variation of the Needle is felf. See Drac.

Notice or a series of the Ventation of the Notice of the Color of the Geo Draft, Color of the Geo Draft ASSES, a Mathematical Color of the Color of

Hair-Contrasses, fo contrived within-fide, as to take an Extent to a Hair's-breadth.

Geman Compassas, whose Legs are a little bent outwards towards the top: so that when shut, only the Points

The Points are usually made to take off, and on 1 and other Points for particular occasions put in their Places 2 as Drawing pen Point, Dotting-wheel Point, Porte-crayon Point, Ec.

Spring Compasses, or Dividers, made of harden'd Swel,

to one Leg and let the 'the other, work'd with a Net. Clock-macker' Goar assis are very fubfinatial, serving to cit Paffboard, Brafs, &c. jointed like the common Constaffes with a Quadrato, Thou, as the Spring Compaffe; only its use different; as ferving bere, to keep the Infrument its use different; as serving bees, to keep the insurance firm at any opening.

"Yarr-ap Court asses, a late Courrivance to lave the trouble of changing the Points: The Body is like the common Compaging; awards the bottom of the Loga, without field, are added two other Points, befiles the usual ones; the

are added two other rounts, bendes the usual ones; the one carrying a drawing Pen-point, the other a Porte Craion s both admitted to as to turn round, and to be in the way of both adjusted to as to tran round, and to be in the way of act, or out of it, as occasion requires. The Points of simall Compassion are tempered by a Lastap and Blow-pipe, hearing can red-hot; when cold they are hard: The larger are tempered by a charcost lire and & Blow-pipe, hearing them to a Chierry-colour, then plunging them in Water. See TEMPRING.

Blow-pipe, hearing them to a Cherry-coloar, then planging them in Water. See TEMPERING.

COMPANSES of three Breachers. Their Structure is like that of the common Compelles, fetting saide the Excels of a Leg. Their else is to take three Points at once; and io to form Triangles; to lay down three Points of a Map to be form Triangles; 10 1st down three robusts of a say a copied at once, &c.

Triffeding Companyes, the Invention of M. Terragon, for the Triffeding Companyes, the Invention of Angles, geometrically. See Triffeding of Angles, geometrically.

The Infirument confifts of two central Rules, and an Arch
of a Circle of 120 Deg. immoveable, with its Radius: The Radius is faften'd with one of the central Rules, like the two Redius is fiftered with one of the central Rules, like the two Lego of a Soche, that the contral Rule may be carried the' all the Points of the Circumference of the Arch. The Ra-tion of the Rule of the Rule of the Rule of the Rule of the the Rule of the the Rule of the The breadth of the other countel Rule, to be triple the breadth of the Rule. In this Rule to be a Groove, with a Doroull, so be filled on it, for its Motions in the Cen-re of each Rule outsil Rulewife be a Hole. See the Faura me of each Rule outsil Rulewife be a Hole. See the Faura de Scavans, Sept. 1688.

de Sacrona, Spér. 1653.

Résens Corva seas, coeffit of a long Bennch, or Beam, Euros Dora seas, coeffit of a long Bennch, or Beam, Currying row brais Curryin; the case invid at once end, the other filled speaking the Benn, with a Saver to faffent; no occurion. To the Currion may be forced Plants of any development, the Currying Corva seas, the post Eurose, the List address Thilly of the Billytthe Coura season. Their afte is no draw Fillyton, set Orale of may kind. They confid to a Beam A B; (Filler, Genn. They Corrying to Beam A B); (Filler, Currying Saver S

bottom of the other two are riverted two fliding Dove-tails, adjusted in Grooves made in the cross Branches of the Beam. adjudde in Grooves made in the croß Ernaches of the Beam. The Doverslin having a Monico every way, by turning a-bout the long Bernch, go backwards and fourards along the Coffs: fo that when the Beam has gone haif way about, one of these will have mov'd the whole length of one of the Branches; and when the Beam has got quite round, the finer Dove-till has go back the whole length of the Branch Understand the lame of the other Dove-till.

Underländ the lame of the other Dove-talls, is Note, the Diffance between the two fliding Dove-talls, is the Diffance between the two Foci of the Ellipfas, fo that by changing that diffance, the Ellipfas will be rounder or flenderer. Under the Ends of the Branches of the Cro's,

by changing that dilance, the Ellipfus will be rounder or fundere. Diede the Ends of the Branches of the Coo's, are placed four Secol Pains no keep it failing round the long Branch, the last, Paculi, or other Pains, will also we the long Branch, the last, Paculi, or other Pains, will also we the long Branch, the last, Paculi, or other Pains, will also we the long place the long the last place of the long the long the long (cylindric data debreric Cooras, sax, and in lacking the Dismeter, Thickmen, or Caliber of round, or cylindrick Branches (Last Marchalle, Condition of the long land last place of the last place joio'd in a Centre; two of 'em circular, two flat, a little bent at the Ends.

To use em, one of the flat Points is put within the Can-on, the other without : the two opposite Points shew the Thickness. See CALLIFER.

There are also Spherical Compasses, differing in nothing from the common ones, but that their Legs are arch'd; fer-

tron the common ones, but that their Log are seried; of the common ones, but that their Log are seried; a ready as takes the Directors of round Bothes, \$67 - 100

On the one Leg are Divisions, serving to divide Lines late any number of equal Parts, for reducing of Figures, 66 On the other are Numbers, for the inferibing any regular

On the other are Numbers, for the inferibing any regular Polygen in a Circle proposed.

The Use of the first is easy: Suppose, or g. a right Line to be divided into these equal Farra; path the Curfor till the Strew be just on the Figure 3; where fixing it, take the length of the given Line between the longest Parts of the Loga: the dilinace between the two shortest, will be

one third of the given than. In the finne manner may the Judge for taking Copinance of any certain Matter, See Judge for the Green of the Copinance of any certain Matter, See Pennsyn copied to the infield bit in Carlos paths the Carlos to COMPITALITIA, Forth hold smoog the Amittan is Pennsyn copied to the infield bit in Carlos paths the Carlos than Compinance of the Carlos the Logar than Copyright and Carlos between the Points of the Engels Parts will be the fide of the Pennsyn or the camber of Sixte, in Carlos the Carlos than the building of Recurs will be the fide of the Pennsyn or the camber of Sixte, infinitely Sorgan Tultury, but this only figuiliar that the part of the Carlos to Carlos the Carlos than the building of Recurs will be the fide of the Pennsyn or the camber of Sixte.

cle. And thus for a Figure of any other number of Sides.

Preportional Cover asses with the Setfor Lines. The
Streture of these is so like that of the common Propertional Countes[ir. only a little nicer, that it needs no particular Description. See Plate Geometry, Fig.

The Lines on the first Face, are the Line of Lines, mark d

The Lines on the first Race, are the Line of Lines, mark'd Lines: it is divided into 100 unequal Parts, every tenth number'd: And the Line of Cherds, which goes to 60°; and is mark'd Cherds. On the other Pace are a Line of Sines to 50°, and a Line of Tangents to 45°. On the fart fide are the Tangents from 45° to 71°,34′; on the other Services.

cans from c° to 70° 20′.

For the Ule of thele Compeller.

1. To divide a Line into any number of equal Parts, icis than 100: Divide 100 by the number of Parts required; flip the Carfor till the Line on the fliding Bore ctall be again the Quotient on the Line of Lines: Then, the whole Line being taken between the Points. Lines: Then, the whole Line being stifen between the Points of the Campidit most remove from the Centre; the Aperture of the other will be the Division required. a A night Line given, supposed to be divided into roo Parts, to take any number of those Parts; Slip the Line on the sliding Dove-tail to the number of Parts required at the whole Line being taken between the Points further from the Centre; the neing taken netween the Feints burtheft from the Centre, the Aperture of the other two will include the number of Divi-fions required. 3. The Radius being given, to find the Chord of any Arch under 60°. Sin the Line on the fillding Dove-tail to the Degrees required on the Line of Chords: the Radius being taken between the Feints furtheft from the And the state of the property of the property of the color large with the property of the color Line will be the Chert keep the property of the color Line will be the Chert keep the property of the color Line will be the Chert keep the color of an Arch under 60° be given, and the Redder the regard of a Arch under 60° be given, and the Redder the regard of the two Ichins next the Cheft, the Aperture of the other will light the Chert keep Since is required a The Radius taken between the Points far-thed from the Cadres; the Apersers of the other will give the Stee of the Ampleroquist of the Ampleroquist the Stee of the Ampleroquist of the Apersers of the expe-fer Gristin, will be the Size required. 6. The Radius be-ing given, to find the Tangent of any number of Degrees under 7:1 if the Callingst required bosonic xet 7:5, with the Tangent stee of the Size required. 7 in the Callingst Tangent Line: the Radius taken between the Points fair-dust from the Cadres; the Apersers of the others, will be the Tangent of the Degrees required; if the Tangent re-quired be above xet xive, but under xet, yet the Line on the quir'd be above 26°.50°, but under 45°, the Line on the Curfor must be slip'd to the Degrees given on the Tangent-Line: then the Radius being taken between the Points furtheft from the Curfor; the Aperture of the others will be the Tangent. If the Tangent requir'd be greater than 45°, but lefs than 56°.2c'; flip the Notch on the Tangent-like of the turn'd Check to the Degree o in the Tangent-line on the the turn'd Check to the Degree o in the Tangen-line or the Side of the Gampfig 1: the Kadinst taken between the Points farthed from the Carfor 1: the difference between the Apre-ture of the other, and their, added together, will be the Tangent required. Thus, for the Tangents of other De-grees coder 1; Affect the like manner may the Secant of any name of Degrees and 7; be found.

Lapidery's Compasses, a piece of Wood in form of the Shaft of a Plane, eleft a-top, as far as half its length; wherewith they measure the Angles, &c. of the precious

wherewith they meature the Angles, U.S. or the precuous Stones as they cut 'em.

In the Cleft is a little but's Rule, fafterd there, at one end, by a Pin, but fo as it may be mov'd in the manner of a Bevel; with this kind of Square they take the Angles of the Stones, laying 'em on the Shaft as they cut them. COMPATIBLE, fomething that may fuit, or confift with See INCOMPATIBLE.

another. See INCOMPATIBLE.

COMPENDIUM, an Abitrach, Epitome, or Reduction
of a large Matter into a little compais. See Epitoms.

COMPENSATION, an Action whereby any thing is ador Reduction mitted as a Parallel, or an Equivalent to another,

Componiation, in the Civil Law, is a kind of Right, whereby a Debtor pursu'd by his Creditor, for the Payment of a Debt, demands that the Debt may be componiated with what is owing him by the Creditor.

Compensation is equivalent to Payment.
COMPETENCE, in Law, the Authority, or Right, of a

Roads.

This Feaft is more antient than the building of Reme.

Densylins Halicarnaffens and Plinty, indeed, lay, they were
infilienced by Servins Tulluris, but this only fignifies that they
were then introduced into Rome.

Notwithstanding what Dien relates, that the Compitalities

Notwithstanding what Dien relates, that the Compitalities

The Compiler of the Controlled on the Controlled

Nowithhanding what Wien relates, that the competative were celebrated a little after the Sesturnalist 3 and that the Roman Calendar fixes 'em on the 11th of January 3 it ap-pears that they had not any fixed Day 4 it cleath, not in the time of Farrs, as is observed by Cofantion. The Feath being thus moveable, the Day whereon it was to be held, was proclaim! over Y.Cari. It was ordinarily

held on the 4th of the Nones of February, i. e. on the ad

of that Month.

Macrobius observes, that they were held not only in ho.
nour of the Lares, but also of Mania, Madness. The Priess
who officiated at 'em were Slaves and Liberti; and the Sacrifice a Sow.

crifice a Sow.

They were re-eftabilih'd, after a long negled, by T_{en}, quin the Proud 1 and on occasion of an aniwor of the O₁₁-ele, Then they found factified Heads for Heads, i.e. for the Health and ProSperity of each Family, Children were ordained to be factified: But Bratus, after expelling the Kings, in least of these barbasses Vickins, inbilitation the Kings, in hea of those barbarous vacuus, inhibitated the Heads of Garlick and Poppy; thus farisfying the Oracle which had enjoin'd Heads, Captia.

During the Celebration of this Feath, each Family placed

During the Celebration of this Feath, each Finnity pixed at the Door of their Hoaft, the Statuse of the Godden Me-nias: They alich hang up at their Doors Figures of Wool, re-perfecting Men and Women; accompanying them with Sup-plications that the Larses and Menia would be constraint with those Figures, and fiper the People of the Hossic. As for Slaves, in lieu of the Figures of Men, they client Balls, or Plecces of Wood. Servin Yallins ordered, that the

Slaves who affitted at the Compitalitia, should be free during the whole Time of the Feath. Augustus ordered the Statues of the Lares, placed in the Cross-way, to be adored with Flowers twice a Year. COMPLAINANT, in Law, a Plaintiff, or one who pre-fers a Complaint against another, to be relieved by Julice,

ten a Complaint against abstinct, to be reason up years, or Equity, See PLAINTIFF, COMPLEMENT, in Geometry, is what remains of a Quadrant of a Circle, or of 90 Deg, after a certain Arch has been retreached from it. See Ascen. Thus, if an Arch or an Angle be 30 Deg, weafay its Complaint is 60 Deg, fines 60 - 150 see.

The Arch and in Complainment are Relatives; and are only

used with regard to each other. The Sine of the Complement of an Arch, is call'd the Co-

fine 4 of a Tangent, the Co-tangent, &cc. See Co-sina, Co-TANGENT, ESC.

We fometimes also say, the Complement of an Angle; meaning so much as it wants of a right Angle, or 90 Deg. See Angle.

COMPLEMENT of the Course, in Navigation, is the Number of Points the Course wants of 90 Deg. or 8 Points, ex.

ber of Foints the Courte wants of 90 Deg. or 8 Foints, 028.
ODMFERMENT, in Aftenomy, is used for the diffuse of a the Flace of a Ster above the Horizon, and the Zenith, or the Arch compreheaded between the Flace of a Ster above the Horizon, and the Zenith. See ZENITH, STAR, E.C.
COMPLEMENT of the Cartain, in Fortification. The inner Polygon confifts of the Cartain and two Demigarges:

ner rotygen cennins of the Carrain and two Demigages?

The Camplement of the Carrain, therefore, to the inner Beigen, is the Demigages. See Centrain, and Dantonous.

Complement of the Line of Defence, is the Remainder of the Line of Defence, after you have taken away the Amgle of the Flank. See DITENENT.

CONTEMENTS of a Paralleligrams, are the two lefter the contract of the Contement of the Co

rallelograms, made by drawing two right Lines parallel to each fide of the Figure, thre' a given Point in the Diagonal. Such are the Parallelograms C and M, (Plate Geometry,

Such are the ratherograms of and in the Cambridge of the

ing Parallegram C = M.

COMPLEX, a Term ordinarily used as synonymous with

Compound; the, strictly speaking, there be some difference

Complex may be applied where a thing contains diven others, or confirts of divers Parts, not really diffind from one another; but only imaginarily, or in our Conception.

In this Senfe, the Soul may be faid to be Complex, in respect of the Understanding and Will, which are two things our Reason alone diffinguishes in it. See Compound. A Complex Term, or Idea, is a Term or Idea compound-ed of systel limits, or incomblex ones. See Terms, and

Thus, in the Proposition, A just God common leave the Crime unpunsh'd; the Subject of this Proposition, viz. s in a God, is a Complex Term, or flands for a Complex Lea.

somnas'd of two fimple, or incomplex ones, viv. God and Fall. A Complex Protofition, is either that which has an least A Complex Propertion, is either that which his at least one of its Terms complex, as that just mentional; or fach a one as counties feveral Members, as could Propertions.

Thus, e.g. If God be absolved, the Wicked can never efforts him. See Paperservin.

Mc Looke observes, that the the Mind be perfectly peffectly peffectly.

five in the Formation of fimple Ideas; vet it e five in the Formation of imple lices; yet it exerts reversal Actions of its own about them, when once form'd: and that by this means it is, they become the Materials and Founda-tion out of which all our Knowledge is framed. See Know-

These Acts are chiefly three, vis. the combining of feveral fimple Ideas into one compound one : And thus it is that all Complex Ideas are made.

all Complex Ideas are made, adly, It brings two Ideas, whether fimple or complex, to-gether; few 'em by each other, and so views 'em, without uniting 'em into one: And thus it gets its Ideas of Relation. See RELATION.

e KELATION. Lassiv, It separates several Ideas from all other Ideas that Latity, it icparates feveral ideas from all other ideas that accompany them in their real Exiftence: And thus all its general ideas are form'd. See GENERAL, and ABSTRACT.

As fimple ideas are objer'd to exift in feveral Combina-As fimple Ideas are obfere'd to exift in feweral Combina-tions united together; fo the Mind may confider them as united, not only as they are really united in external Ob-icht, but as it fell has joind them: Ideas thus made up of feweral ones our noether as all of the property of the conseets, but as it left has joind them: I deas thus made up of feveral ones put together, we call Complex; as Man, Beau-ty, Army, Gratitude, &c. Complex Ideas, however com-pounded and decompounded, the their Number be infinite, pounced and decompounded, tho their Number be infinite, and their Varioty endlefs, may be all reduc'd under their three Heads, vio. Modes, Subflances, and Relations; which for studer their proper Heads, Mode, Substance, and

COMPLEXIO, COMPLEXION, in Metaphyficks, the Union or Coalition of leveral Things different from each other; either really, or only in our Conception. See Con-

PLEX.

FLEX.

COMPLEXIO, in Logicks, is femetimes applied to the fe-cond Operation of the Mind, viz. the Judgment; confider'd as it siftims or denies any thing: fact Affirmation, Sc. importing a Combination of feveral things.

OMPLEXIO, is foretimes also used by Logicians in the

Sense of Dilemms. See Dilemma.

Complexed, in Rhetorick, &c. is a Figure including a Repetition, and a Conversion at the same time; the Senses tence both beginning and ending with the fame Word.

tence both beginning and coding with the lame Word.

Thus Thip', Qui legent that? Rullus. Quis majorem
parten popule fulfragiis prioceis? Rullus. Quis majorem
parten popule fulfragiis prioceis? Rullus. Quis cominis
proficit? Rullus, Soc Conversation, and Referitions.

COMPLEXION, in Physicks, is used for the Temperature, Habitude, or natural Diffossion of the Body. Se-

CONSTITUTION. Constitution of diffinguish four general and principal Some Philosophers diffinguish four general and principal Complexious in Man, was, the fungatine Complexion, which according to them, answers to the Air 3, having the Qua-lities thereof, as being hot and motil. It takes its Name from Sanguish, because the Blood is there imposed to be pre-

from Singuis; becaule the Bioda is there suppose to so pro-dominant. So: ASACUINE.

The phogmatic Complexion takes its Name from the Pi-tzinia, or Philogram, in which it shounds, and corresponds to Water; being cold, and moith. See Philosomatic.

The billion, or obserie Complexion, takes its Name from the Bille, or Cholet; it is supposed of the Nature of Fire,

hat and dry. See CHOLERIC.

Best and dry. See Guora Nec.
Laifly, the melanche's Complexion partakes of the Nature of Earth, being old and dry. See Guorantees.
COMPLEXEN, 619, or Per COMPLEXUN, is Ananomy,
is a Pair of Makles, arting with fix thin final I Tendons
from the transferce! Proceedies of the Fertelme of the Neck
and Thorax; growing thing his taffects; again become
the middle; a proving the process of the Neck
and Thorax; growing the N

tendinous about the middle; and again fitchy, where it is inferted laterally into the upper Part of the Os Occipitis, and the bind Part of the Proceffus Musicides. When they act rogerher, they pull the Head directly backwards, but either of 'em acting alone, draws is obliquely

COMPLICATION of Difesses, a Mixture, or Junction of several Diseases; especially where they have any affinity to one another; as the Dropsy, Asthma and Jaundice hap-

Pening together. See Disease.

What perplexes the Physicians, is, when with a Fever there is a Complication of fome other Diforder. See Fa-

COMPONE, or COMPONED, or Gobony, in Heraldry. A Bordure Compone, is that form'd or compos'd of a row of angular Ports, or Chequers of two Colours ; as in the

Parts, or Chequers of two Colours 3 as in the Figure adjoining.

COMPOSET, or COMPOSET, is also uded in the general for a Border, a Pale or a Fefs, compord of two different Colours, or Mensils, dispord alternatively, functioned and divided by Fillers, excepting at the Corners 5 where the Junctures, are made in the form of a Gonza-Sou.

Table form of a Gosta-soot.

COMPOSITE Order, in Architecture, the last of the
five Orders of Columns; so called, because its Capital is
completed out of those of the other Columns. See Onder. complete a out of those of the other Columns. See Cheer.
It becrows a Quarter-round from the Tyleen, and Dones
a double Row of Leaves, from the Corinthian; and Volutes from the Joint: Its Cornice has fimple Modillions or
Dentils. See Capital.

The Compatite is also called the Roman and Italia Order a

The Compfer is alle called the Renne and Intel Colory, as a baring bean invested by the Renney, conformably on the eth, which are determined by the Renney, conformably on the eth, which are determined to the relation of the eth, which are determined to the eth, which are determined to the eth, which are determined to the eth are

he only marks its general Character, by observing that its Ca-pital is composed of several Parts taken from the Theric. Inmic. and Corinthian: He does not feem to regard it as a partisite, and Carintissan: He does not feem to regard it sas parti-cular Order 3 nor does be vary it at all from the Carintissan, except in its Capital. In effect, it was Serlie who fift ad-ded the Campiglier Order to the four of Virtumin, forming it from the Remains of the Temple of Backen, the Aches of Titus, Septimins, and the Goldfinithes; Till then, this Order was effected a Species of the Carintisian, only differ-

Order was effected a Species of the Corinthian, only differ-ing in its Capital.

The Order being thus left undetermin'd by the Antients, the Moderns have a kind of a Right to differ about its Pro-portions, &c. Scanweer, and after him M. to Clerc, make portions, Efc. Scennecci, and after him M. & Clere, make to Column 19 Modules and an half; which is left by half a Module than that of the Carimbian: as, in effect, the Oct is left delicate than the Carimbian: By the makes it as y which is the time with that of his Carimbian: However, the strength with the Carimbian than the Series, who fall formed it into an Order, by giving it a proper Entiblature and Bisk, and after him M. Perrault, raife it fill higher than the Carimbian than

This last does not think different Ornsments and Charac-This isit does not mink american Order, unless it have a ters sufficient to constitute a different Order, unless it have a ters Infixient to conflirme a different Order, unleis it have a different Height too: Agreeably, sherefore, to his Rule of augmenting the Heights of the feveral Columns by a Series of two Modales in cach; he makes the Complette ao Mo-dules, and the Carinbians is A which, it form, is a Medium between the Porch of Titus and the Templo of Bucchus.

Sec PROPORTION. Sec Proportion.

For the Parts of the Order, fee Column, Entalla-tures, Capital, Bass, &c.

M. Perrant, in his Vittuvini, diffinguifhes between the

M. Perrault, in his Vertrusin, diffinguithes between the Consipiler and Contripled Order.

The latter, he lays, is any Composition whole Parts and Ommeness are extraordinary and unufuels, but have, withel, fomewhat of Beauty; both on account of their Novelty, and in refpect of the Manner or Genius of the Architect: So that a Composed Order is an arbitrary, humourous Composi-

tion, whether regular, or irregular. The fame Author adds, that the Corinthian Order is the first Compasse Order, as being compassed of the Doise and Ismie; which is the Observation of Virtuorus himself. Lib.

. cap. r. COMPOSITION, in a Physical Scafe, is the uniting or joining of leveral different Things, fo as to form one whole, call'd a Compound. Sec Compound

The Schoolmen diffinguish two Kinds of Composition; the one Entitative, which is between Things of the fame Nature, e.g. two or more Drops of Water: the other Effectial, when Things of different Kinds are join'd, and thus Jentical, which a migge of disperent Actions are joints, and thus conflictate new Things, or Effences, different from any of the Parts; and thus, fay they, from the Matter and the Form of Wood, arifes Wood; whole Effence is very diffe-

rent from either of those Ingredients taken (eparately, Composition of Ideas, is an Operation of the Mind, whereby it combines several of its Simple Ideas into Complex ones. See Complex Idea. Under the f.me Operation may likewife be reckon'd that

of calarging; whereby we put feveral Ideas rogether of the fame Kind, as foveral Unites to make a Dozen. In this, as in others, Brutes come far fhort of Men; for the they take in and retain feveral Combinations of Simple

Ideas ;

COM COM (290)

Ideas; as, possibly, a Dog does the Shape, Smell, and Voice of his Matter: yet these are rather to many distinct Marks whereby he knows him, than one Complex Idea, made out

whereby he knows him, than one Complex Idea, made our of the Simple control. Courteavriew, in granumer, the judge of two Words. Courteavriew, in granumer, the judge of two Words. Outstanding the Town of the Courteavriew, in granumer, the configuration of the Courteavriew, in Courteavr, the proper Order of the Parts of a Discurate, abstracting to each other.

Courteavriew, in Courteavr, the proper Order of the Parts of a Discurate, abstracting to each other, the Courteavriew of the Musica, and Sono

Nutsice, and Observations of the Art of joining and combining Concords together, which are the Matter of Mufick: But this Definition is too feanty; in regard, Difeords are always afed with Concords in the Composition of Parts. See Concord,

and Discorp. and DISCORD. Under Compositions are comprehended the Rules, first, of Moledy, or the Art of making a single Part 1 i.e. of contriving and disjoing the simple Sounds, so as that their Succession and Progress may be agreeable. See Mallow. addly, of Harwesy, or the Art of disjoing and concerting several single Parts so together, that they may make one with the Webb. See Hu super

ing feveral fingle Parts fo together, that they may make one agreeable Whole. See HARNOW, It may be here oblev? d, that Melody being chiefly the Bufines of the Innagination, the Rules of its Comptition ferre only to prescribe certain Limits to it; beyond which, the Imagination, in fearthing out the Variety and Beauty of Airs, eaght not to go 10 Bat Harmony, being the Work of Judgment, its Rules are more certain, extensive, and mere difficult in practice.

In the Variety and Elegancy of the Melody, the Inven-In the variety and Elegancy of the Metody, the Inven-tion labours a great deal more than the Judgment; fo that Method has but little place: but in Harmony 'tis other-wife; the Invention, here, has nothing to do; and the Com-position is conducted from a nice Observation of the Rules of Harmony, without any Affiftance from the Imagination

as all.

Composition, in Logic, is a Method of reasoning, where-in we proceed from some general self-evident Truth, to par-ticular and singular ones. See Meximo.

The Method of Composition, call'd also Synthesis, is just the reverse of that of Resolution, or Analysis. See Raso-

Refolution is the Method whereby we ordinarily fearch after Truth; Composition, that whereby a Truth found, is discovered and demonstrated to others; Resolution is the Me-shod of Investigation; Composition of Demonstration.

thod of Inveitigation § Compfelium of Demonstration.

The Method of Compfelium is that used by Euclid, and
other Geometricians § Refolation that used by Algebraitis
and Philosphers. The two Methods differ, just as the Methods of fear-ching a Genealogy; whith are either by defected
from the Ancetones on the Folderity, or by yelending from
the Nuterity to their Ancethous; each have this in common,
that their Forgericino is from a thing known, to another untant their Forgericino is from a thing known, to another un-

The Metrice of Competition Is test otherwise by the Mathematicians. The Railes haroff see, it, to offer nothing but to begin with Definition and the Competition of Matines and clear Principles 1 to that End, to proceed from Axioms et al. (1997) pures demonstrately all the Concession of Arguments or Proofs, but Definition strady provide Acoust Section grounds, and Proposition strady provide Acoust Section (1997) and the Competition of Matine, is an Affemblage of Ferral Directions of Motion, residing from Proceedings of Motion, and Motion to capable on only, per 1 with the Competition of Motion, and Motion to capable on only, per 1 with the Competition of Motion, and Motion to capable on only, per 1 with the Competition of Motion and Motion to capable on only, per 1 with the Competition of Motion, and Motion to capable on only, per 1 with the Competition of Motion and Motion to capable on only, per 1 with the Competition of Motion and Motion to capable on only per 1 with the Competition of Motion and the Competition of Motion and Motion and Motion and Motion and the Motion and Motion and

rection; whether that Motion be equable or not, yet it will fill keep the fame right Line; the Celerity alone being chang'd, i. e. increas'd, or diminish'd according to the Forces with which it is impell'd.

If the Directions be oppo

If the Directions be opposite, as one, e.g. directly down-ward, the other upward, Se. yet fill the Line of Motion will be the fame.

But if the compounding Motions be not according to the fame Line of Direction, the compound Motion will not be

according to the Line of Direction of either of 'em, but a different one from them both; and this either fittait or crooked, according as the Directions or Celerities shall require. crooked, according as the Directions or Celerities shall requise, if two compounding Motions be each of them equable, the Line of the compound Motion will still be a strait Line and this, the the Motions be neither at right Angele one to another, nor equally fivis, nor (each to its skif) equable, provided that they be but fimilar; that is, both accelerated and retarded alike.

and retarded alike.

Thus, if the Point s, (Tab. Mechanics, Fig. 4.) be impell'd equally with two Forces; wix. apwards towards s, and forwards towards s'; "Tis plain, that when it is gon forwards as far as as, it mult of necessity be gone upwards forwards as far as as, it mult of necessity be gone upwards. as far as e e; so that were the Motions both equable, it would always go on in the Diagonal e e c. Nay, suppose the Motions unequal as to Celerity, so v.e.

Ray, hippose the santons intequal as to Centry, in the sat that it move twice as faft upwards as forwards, &c. yet fill it must go on in the Diagonal ac; because the Triangles ace, ace, &c. and acd will fill be fimilar, being as the

But, if the Motions be diffimilar, then the compound Motion must be a Curve. See Circulan Motion. Motion muit be a Carve. See Cexcutan Motion.
Thus, if a Body, as b, figs, 5) be impelled or drawn by
three different Freece, in the three different Directions is,
be, and bd, fo that it yields to some of them, but connuet in Equilibrie: then will shole three Powers or Force
be to one another, as three right Lines drawn partiel in
those Lines, experding the three different Directions, and
terminated by their mutual Concourts.

terminated by their mutant (Gooven's). Let k represent the Force by which the Body k into pill of from k to k, then will the fame right Line k k, represent all the tocatorary quals Here, k you which it is imagification of the force of the k is refevenble into the two Foxces alling according to the two Directions k and k k or k of k is the force of the f

and equipollent to the Force acting in the Directions b_t , so to the Force acting in the Direction, as b_t , b_t , c_t of c_t to b_t . That is, if a Body be urgd by three different equipollet Powers in the Directions b a, b d, and b c; these three Re-cas shall be to one another as b c, b d, and d c, respectively. Ces man or Q. E. D.

This Theorem, with its Corollaries, Dr. Keil observes, in the Foundation of all the new Mechanicks of M. Vergens: By help hereof, may the Force of the Musicas be compared. The Management of Marville, de Management of Marville, and Management of Marville, and Management of Marville, and Management of Management of Marville, and Management of Ma

and most of the mechanick Theorems in Borelli, de Man Animalium, be immediately deduced. Proportion, fignifies the comparing of COMPOSITION of

the Sums of the Antecedent and Confequent, with the Confequent in two equal Ratios. See Rario; fee also Con-SOUND Ratio.

Suppose 4:8::3:6; by Composition of Propertion we v. 12 is to 8:25 9 to 6.

Addition of the Indices of the Ratins; fast by Mathelius (inc., it is when the Ratins era multiplied into one assolute. Conservation, in Plasmoney, the Art, or Ald of mining and the Ratin of the Ratins of Conservation, in Parishing, colinaries, call of Competing, it Conservation, in Parishing, colinaries, call of Conservation, in Parishing, colinary, call of Competing, it Sick, in order to form a Line, and of Control Endos. Sick, in order to form a Line, and of Conservat Falls or March 1981. The Ratins of Conservation of Conservation and Conservation of Conservation and Conse

The Complete, Stirls in male of Inco generally, function Erals, or Wood, of more or led length and depth, scorid-ing to the Fage to be compared, or the Compoler's Fages' is in the Weiling Steen, to be faired by meaned a New Fleshing of the Compoline, and according to the Syste which the Lines, Notes, eff.— are to take ap-The Compoline, Stirls consisting contains (seen or eight which the Lines, Notes, eff.— are to take ap-The Compoline, Stirls contains (seen or eight on the Compoline) and the Compoline of the Syste which the Lines, Notes, eff.— are to take ap-tion, by help of a time linguage fluid when the first contains the Compoline of the Steet preparal in the first form?. The Fage being composed, it off you are all they had and the orthod the Fages of the Steet preparal in the first Correcting Stone; where might I no deep, and difficient in manner: When some, they are carry a to the imposing of correcting stone; there ranged in order, and difford in a Chafe, or Iron Frame, fitted with wooden Furniture; then, the Quoins being firack in, 'tis carried to the Prefs to be pointed. See Pares, Case, Chase, Ed.

COMPOSITION, in Commerce, a Contrad between an in-Composition, in Commerce, a Contract netween an in-folyont Debtor and his Creditors: whereby the latter spree to accept of a Part of the Debt, in compensation for the

ro accept of a Part of the Debt, in compeniation for the Whole, and five a general Acquiretance accordingly, COMPOSSIBLES, Comptoffibilis, in Logick, such Things are compatible, or capable of fehilifity engoster. COMPOST, in Agriculture and Gardening, a Composant or Mixture of Earth, Dung, & e.g., applied, by way of Ma-nore, for the meliorating and improving of Solls, and affili-ing its natural Earth in the Werk of Vegetation, See Ma-

ligi silo distribil carro in the work of vegetations, occ 24.2—
The Gardacon twa Wingstiene, or Leythilo of Cangdy,
adapted to the different form of Sell. Light hooft Lead reoff Dickets, Foods, Self, Self, Self, Self, Dong, Gr. A.
herry, cityy, or clothy Land requires a Cangdy Self on some
py Clots; a Dongs, Self, Affers, and some all Mondal
Mr. Bredly prediction fever different form of Cangdy, or
Proceedings of the Company of the Company of the Company
Process, and Cangdy with Darty Self, and Affec of Sent
Parent, Woods, Self, or fill Self with Self and Mr.
Self with Stand and Mitterprints; or Sheeps Deeps, with
Wood Affec and Lead, or of MrS dail with Stand and Mr.
Self with Stand and Mitterprints; or Sheeps Deeps, with
Wood Affec and Lead, or MrS dail with Stand and Mr.
Self with Stand and Mitterprints; or Sheeps Deeps, with
Wood Affec and Lean, or Shorber Earth, See Self.

The fame Author recommends a Mixture or Preparation The fame Author recommends a Mixture or Preparation of Solis andwering to Loam, or Mother Earth, as preferable for planting or fowing Forest-Trees in, to any of these richer Compglit; which, the they halten the Growth of the Tree, will not make the Timber near form and durable. See

COMPOUND, the Refult or Effect of a Composition of different Things, or that which stifes therefrom, See Com-

Strictly speaking, every new Composition does not produce

Strilly freaking, every pore Campfilire does not produce a new natural Campani, but not just from which a new Efficie cafes. Thus, when one drop of Warer is added to another, there does not rife a new physical Campaning, the months of the Campaning of the Campa

This compounded Flower diffingulfiles a large Genus of Plants, which Mr. Rey divides thus:
Herbs of compounded or aggregated Flowers, are,
11f, Such as have a plain-leaved Flower naturally, and for
the most part full; and having their whole Body milky,
(yielding a milky Juice on cutring them.) and their having
the most part full; and having their whole Body milky.

their Seeds. their Soeds,
Fift, Pappous, or Winged; that is, having a little Lapugo adhering to cach Seed, by which the Wind can eafily
carry it from place to place: Such as the Ladface, Trapggon, Sovremura, Dent Loonis, Hieracium, and the Pi-

Scondly, Such as have a folid Seed, without any Pappus or Down upon them; as the Eringiam Lateum, Cichorium.

Lampfous.

1d. Such as have a diffeous Flower; i.e. one compoled of many flore, thick, compreffed, final Flofeuti (which form e, by millake, call Stamma) fet together, fo as to make one. But, baye their Seeds,

Firtt, Pappoui, as the Tufflingo, Petafitet, Carlina, He-lenium, Davonicum, Conyae, After, Verge Aurea, Jacobea, Szechos Cirrini, Jacos, Succió, Enpavorum Zeicabea, Cacalia Falgaris, Gnaphalium Maristunum, and Mangheir-enfium.

Secondly, Such whose Seeds are folid, and not pappous; as the Corymbiferous Herbs.

as the Coryminiterous Herbs.
Conspousn. Motion, that effected by feveral compiting
Powers. See Pow RR.
Now, Powers are faild to confpire, if the Direction of the
one ben't directly opposite to that of the other, as when
the Radius of a Circle is conceived to revolve about a Con-

the Kadiss of a Circle is concev'd to revolve about a Cen-ter; and at the fine time a Point to move libral along it. All corvillerar Motion is complemed.

"Ji's a popular Thocoren, in Mochanicka, that in an uniform complemed Motion, the Velocity produced by the configuring Powers, is to that of other or the Powers, picturely, in the Powers, in that of other or the Powers (picturely, in the whole Sides, they all reparatoly a to either of the Sides. Soo Morion, and Diagonal.

COMPOUND Pondulum, in Mechanicks, that which confids of feveral Weights conflantly keeping the same Diffance, both from each other, and from the Centre about which they ofcillate. Sec PENDUEUM.

Compound Ratio, or Proportion. A Proportion is faid to be compounded of two or more others, which the Fallum of two or more Antecedents of Ratios has to the Fallum of

shelr Conferences: Thus, 6 to be is in a Ratio compagnified their Confequents: Thus, 6 to 7s is in a Ratio compagned of a to 6, and 3 to 1s. See Fabronarion.

Composed Quantities, in Algebra, are fath at are connected together by the Signs + and -g; and are experted by the faime Letters equally or unequally repeated: Thus, a+b-c, and b+b-b are compound Quantities. See OHANKING

COMPOUND Numbers, are those which may be medfur'd, or exactly divided, by fome other Number beside Unity:

See Number

See Seed in 15 with its mediated by 3 and alfo by 3. Seed in 15 with its mediated by 3 and alfo by 3. Coursews Interest, called also Interest system Interest, is that which is recorded one only upon the Principal, but upon the Interest it felf features, which bereby become a Coursews Mediated, See Servan, which is considered to Course one of the Seed of Three. See Reux of Tree. COMPREHISSON, in Menaphysics, the Alt of the Mode, whereby it apprehends or knows any Olyck preferred by it, as all the Seids whereas it is capable of being apprehend.

hended, or known. See Apprenians, and Knowledge. To comprehend a thing, is defined by the Schoolmen, rem alignam votam & votaliter cognoster: And, in this Sense, 'its a popular Point of Controverity among the School Divines, has a popular rount of controverty among the acnon-to-ones, embetber the Bieffed in Heaven comprehend God? The more Orthodox maintain the Negative, by realon such Know-ledge must be infinite.

ledge mail be infinite. Constraintenation, in Rheterick, a Trope, or Figure whereby the Name of a Whole is put for a Fart 3 or that of a Part for a Whole: or a definite number of any Thing for an indefinite. See MayNOMIA.

an indefinite. See Metrony a Bollfer of linen Cloth, COMPRESS, in Chirupgery, a Bollfer of linen Cloth, folicid in feveral Doubles, and laid under the Bandagos, to reverent a Wood from bleeding or fwelling; or to recall the Medicines applied therets. See Wouxs. Scatterist, in his Africant of Chirargery, observes, that the Ancients campaid their Camparights of carded Elax, or

the Antients compared their Compression of carded Fisse, or Festhers, frew the tweers to be Lineaus; and called them Phillows, or Primanger.

The Word comes from Comprimers, to paris hard. COMPRESSION, the Act of pressing or squeezing something, for an to fee its Parts nearer each other, and make it position is to start processing control of the Compression distinct from Condessignies, in that the latter is Compression distinct from Condessignies, in that the latter is

erform'd by the Action of Cold, the former by fome exter-

up the Water into the Pipe thus evacuated of its Air. See

Figure . Water is incapable of Compression; after the Air has been purel do set of it, no Art or Violence is able to bring its Parts cloter, or make it take up lefs compass. In an Experiment made by the Academy de el Comento, Water, when violently squeez d, made its way thro; the infinitely fine Pores of a Ball of Gold, rather than undergo Compression. Sec WATER.

See Waven...
The Course, assess of the Afre, by in own weight, is furThe Course, assess of the Afre, by in own weight, is furthere will be a seen to be a second of the third, one
mon Afre we bretche, mer the Surface of the third, to men Afre will be a seen to be a second of the second of the

which the lift vaces up, when not to utility in that it takes up when most compress d, as five hundred and fifty thousand to one. See Aira.

This immense Compression and Dilatation, Sir Mace New-

This immenale Compression and Distantion, Sir slines Necros observes, cannot be accounted for irom supposing the Particles of the Air classics and branched, or in form of stemator than the supposition of the contravaven into Circles; nor any other way, but by a repelling Force, wherewith they are coduced; by virtue whereout, when at silberty, they mutually fly each other. See ATTRACTION.

Arm servois.
This repelling Power, he adds, is thronger and more few-fible in Mir, than in other Bodies in regard Air is generated out of very lac? Bodies have not whose great districtions with body of Promeastions. Now chole Particles and see compressed with the greater distinct, which, when and are compressed with the greater distinct, which, when consignous, colore the most irrengly. See Licott.
That there is forth a repelling Power, appears from this is the Pilots will be a the Water without worting their Persy was the product of the pr

not touch ; that dry Dust is not brought to touch or cohere

without difficulty, 0, g, aniels other liquifyd by Fire, or wer with Water; and that two polithed Preces of Maroke, which as offen as they touch coheren, estimer. See Ra-restriction Fire? is called Containing, the Con-ception of the Containing, the Containing of a Testay, or Con-trol, whereby two contending Parties (slabillation or or and Arbitrators, in 25 See As at 7th Arch their Differences in

The regular way of appointing a Compromife, is by a Writing, excreting the Name of the Arbitrates, the Power of chading a Super-Arbitrator in cafe of need, a Time limited for the Arbitrator, and a Penalty on the Party who does not abile by the Decision.

By the Covil Tame

By the Civil Law, a Slave cannot make a Compromife without the Leave of his Mafter, nor a Papil without the Authority of his Guardian, or a Wife without that of her So a Slave, a deaf or dumb Man, a Minor, the Person who is a Party in the Cause, are incapable of be-

the Perfon who is a Party in the Gaufe, are incapable of being choin Arbitratons in a Compressity.

The Occations on which a Compressity is not allowed of, are Reditations, Martinge Cades, Criminal Affairs, Queficient of State 2 and, generally, any thing wherein the public largest is more concerned than that of private Perfons.

In our Law, Compressity is not of 60 much extent: Weft

defines it the Faculty, or Power of prenouncing Sentence b cennes is the executy, or rower of pronouecing benefice between Perfors at Controverly, given to Arbitators by the Parties mutual private Condent, without publick Authority.

The Word is also field in Beneficiary Matters a where it fignifies an Ad, whereby those who have the Right of Election, transfer it to once e mere Perfors, to clock a Person ca-

pable of the Office or Dignity

pable of the Onice or Digarty.

Thus, we have feen Members of Parliament elected by Compressife; when the Electees, not being able to agree among themeleves, give the Power of electing, at least of nominating, to two Perfens; obliging them by Oath, or eitherwife, to chafe find as they think the most capable, and otherwife, to best dispos'd.

bett difpord.

COMPTING, or COUNTING-Houfe, an Office in the
Houfhold, under the Direction of the Lord Steward; fo
called, because the Accompts for all Expenses of the King's
Houfhold are there taken daily, by the Lord Steward, Comptroller, Cofferer, Mafter of the Houfhold, the two Clerks of the Green-Cloth, and the two Clerks Comptrollers. See HOUSHOLD.

They also make Provision for the Heashold, and make Payments, and Orders for the good Government thereof, in the Compting-House is the Board of Green-Clasts. See

COMPULSOR, an Officer under the Roman Emperer CONTULISUR, an Officer under the Roman Emperors, dispatch's from Courr into the Provinces, to force the Payments of Taxes, etc., not pay'd within the time preferib'd. The were charg'd with 16 many Exactions, under Coloar of their Office, that Honorius cathier'd em by a Law

in 412.

The Laws of the Visigoth's mention Military Compulors; which were Officers among the Goths, whose Bufinels was to chilige the tardy Soldiers to go into the Fight, to run to

an Arrack, &c. Cofficer mentions a kind of Monastick Computers, whose

Bufiness was to declare the Hours of Canonical Office, and to take care the Monks went to Church at those Hours.

The Word is Latin, form'd of the Verb Compollers, to oblige, confirsis

oblige, contrain.

COMPUNCTION, in Theology, an inward Grief in the
Mind, for having offended God. See REFENTANCE.

The Romanifts own their Confession infignificant, unless

attended with Compunction, or pricking of Heart. See CONFESSION.

Among Spirinaells, Compatiline circles a more exercises Spirication; and impies not only a Grid for having effect (Spirication; and impies not only a Grid for having effect (Spirication); and impies not only a Grid for having effect (Spirication); and the spiritary of the spiri

in the like Senfe as Calculation. See Calculation.

Conservation is particularly uled in Law, in respect of
the true Account or Confirulation of Time, so understood, as
that oeither Parey do wrong to the other, nor the Detection
nation of Time be left at large; so as to be taken otherwise

nation of Time be left at large; to as to be taken othersite than according to the Judgment and Intention of Law. If Indentates of Demile be ingreffed, bearing Date 11 May 1619, to have and to held the Land in S. for three Texts from henceforth; and the Indentates be delived the 4th of June following: In this Cafe, from henceforth thall

be accounted from the Day of the Delivery, and not from the Date. And if the Indenture be delivered at four of the Clock in the Afternoon, the faild 4th of June, the Leafs finall end the third Day of June in the third Vent : the Law, in fach Computation, rejecting all Fractions of Division of their many of their many of the state of the Computation of their many of the state of the control of the state of the st fions of the Day, on account of that uncertainty which is the Mother of Contention.——In Writings order d by the Stat. 27 Hen. VIII. to be inroll'd within fix Months ; if fach Stat. 27 Hen. VIII. to be into a winning to sach Writings have Date, the fix Months fitall be accounted from the Date, and not from the Delivery: If they want Date,

the Dare, and not from the Delivery: If they want Dare, it fhall be accounted from the Delivery. Coke, Lib., V. If a Deed be fhewld to a Coart at Wolfminster, it fhall remain in Court (by Jadgment of Law) all the Teem is which it is fhewld: for all the Teem is but as one Dy Law. Coke Ibid.—If a Church be void, and the Patron does not prefer within fix Months, the Bifton of the Dio. does not prefent within its footnits, the Bittop or the Dio-cean my collate this Chaplain: But thethe fix Monthy field be computed according to twenty eight Days of the Month; and not according to the Calendar. See Calendar, COMPUTO, a Writ, thus called from its Fiftedt, which is to compel a Bailiff, Chamberlain, or Receiver to yield in

Accompts.

The fame lyes for Executors of Executors; and against the Guardian in Soccage, for Wafte made in the Minerity of

the Heir.

CONARION, or CONOIDES, called also Glandata Pistradit, is a small Gland, about the bigness of a Pea, placed
in the upper Part of that Hole in the third Ventricle of the
Brain, called the Anna, and ty'd by some Fibres to the Nates. See GLAND, BRAIN, ANUS, and NATES.

It is composed of the same Substance as the rest of the

Brain; and has this peculiar, that it is fingle; whereas all the other Parts are double; Hence, The Cartes rakes occafion to suppose it the immediate Place, or Seat of the Soul. non to improve it the interestant lates, of Seat of the Son,
Sec Pinear Gland, Sensory, Se.
CONATUS, Endeavour, a Term frequently afed in Philofophical and Mathematical Writers; and fometimes also

called Nilius.

called Niffst.

The Constant feems to be the fame, with respect to Motion, that a Point is with respect to a Line; at least, the two have this in commen, that as the Point is inceptive of the Line, or the Term from which it commences; Jo is the beginning of all Motion call'd the Constus. Add, that as in Mathematical Demonstrations, the Extension of the Point is Mathematical Demonstrations, the Extension of the Polas Is conceived as if it were nothing at all I fo, in the Construct of Motion, there is no regard to the Time wherein, or the length which it advances. See Leave of NATURES.

Hence, fome define a Construt to be a quantity of Meticon, not crapable of being expected by any time or length—Accordingly, all Motion tends precifely the Sane way where

in the moveable is acted on, or determined by the moving See MOYION

Power. See MOYION.

CONCATENATION, in Philosophy, the connecting of Things, in manoer of a Chaire, Cateada.

The Denaturation of Second Caules, is an Effect of Providence. See SECOND CAUSE, PROVIDENCE, Eff.

CONCAVE, is applied to the inner Surface of a holler Body; effectally if it be circular. See Convex.

Constructionally investigated and Microscopic and London.

Body; especially if it be circular. See CONVEX.

Concave is particularly underflood of Mirrors and Lenfes:

Concave Lenfes, are either concave on both Sides, called

Concave-Concave; or concave on one fide, and Plane on the

conveyor contains a cromesor on one one, and Plane on the other, called Plano-Concave; or Concaver on one fide, and convex on the other, call'd Concave-Convex, or Convexo-Convex, as the one or the other Surface is a Portion of a left Sphere. Sphere.
The Properties of all comessor Lenfes are, that the Rays of Light, in passing thro' them are deficited, or made to redefer from one another; as in convew Lenfes they are inflected rowards each other; and that the mere, as the Comessory

or Convenity are Pertions of lefs Circles. See Luns or Conventy are Fertons of lefs Circles. See LENS.

Hence, parallel Rays, as those of the San, by passing the

a concave Lens, become diverging, diverging Rays are made to
converge lefs, or become parallel, or go cut diverging. See

R sv. Hence, Objects view'd thro' concasus Lenfes, appear dimi-nift'd; and the mere to, as they are Portions of lefs Spheres; and this in oblique, as well as in direct Rays. See REFRAC-

Conesse Mirrors have the contrary Effect to Lenfes: They reflect the Rays which fall on 'em, fo, as to make them approach more to, or recede less from each other than before; and that the more as the Concounty is greater, or the Spheres whereof they are Segments, left. See Mirrors.

Hence, Concount Mirrors magnify Objects prefeated to

Hence, Concrew Mirrors magnify Objects prefeated to them; and that in a greeter proportion, as they are Pertina of greater Spheres. See Reflections, Microscopes, 85-Hence also, Concrete Mirrors have the Effect of bureau, Objects, when placed in their Front. See Burnsing Globic, and Concrete Spheres. Lands kept privily from the King, by commendation, i. e. Lands kept privily from the King, by commendation.

Persons : having nothing to show for their Title or Fifteen

They are thus called per Antiphrafin, à concelando ; as

Mans is a movemen, coc. My Lord Caze calls can increasing pounting genui.

CONCENTRATION, the retiring, or withdrawing of athing inwards; or driving toward the Centre, the Meddle.

Thus, external Cold is laid to concentrate the Hear within Bodies. After Meash, the natural Warmth retires, and as it were contentrates; to promote the Digetificon. See Hear, within

AND COLD.

CONCENTRATION is also used by Dr. Grow for the highest degree of Mixtion, viz. that wherein two or more Aroms or Farticles touch, by a Reception, and Introfion of the one within the other. See Mixtion.

This he takes to be the Cafe of all Fix'd Bodies without Tafe or Smell; their Confliction being fo firm, that rill the Particles be detachd from each other by fome extraordinary means, they cannot affect those Senses. See Smell, and TASTA. This he takes to be the Cafe of all Fix'd Bodies without

and TASTE.

CONCENTRIC, in Geometry and Affronomy, fome-thing that has the fame common Centre with another. See

CENTAR.
The Word is principally used in speaking of round Bodies, and Figures, viz. Circular, Elliptical ones, &c. but may be likewise used for Pulyons, drawn parallel to cach other, apen the fame Centre. See Cincus, Porzeon, &c. Concentric Rands opposed to executive. See Eccnyrate,

and ECCENTRICITY. and ECCENTRICITY.

CONCEPTION, in Logicks, the fimple Apprehension,
Perception, or Idea which we have of any Thing, without
proceeding to affirm or deny any thing about it. See Per-

CERTION The Schoolmen usually make two Kinds of Conception;

The Schoolmen sitally make two Kinds of Conception; the one formal, the other objective. The first is defined the immediate and actual Represen-tation of any thing proposed, to the Mind; on which foo-ing, it should be the fame thing to the Understanding, that a Word or Votice is to the Lare: whence foome call is Forbusa

Mentis. See Norton

Mutil. See Norsos.
The fiscal is the Thing is felf represented by a formal Conception. But others explode the Notice of an elegificate Conception, as lies, in early, so, Conception as all generating the control of th mon Ratio or Likenes

Conception, in Medicine, the first Formation of the Embryo, or Fatts, in the Womb. See Forms, and Ess-

FRYO. Conception is no other than fuch a Concoarfe and Commix-ture of the prolific Seed of the Male, with that of the Fe-male, in the Cavity of the Uterus, as immediately produces an Embryo. See EMBRYO.

an Embryo. See Essanvo.
The Symptoms of Conceptions, or Pregnancy, are, when
The Symptoms of Conceptions, or Pregnancy, are, when
ceiv'd about the Nivel, attended with force genetic Controines in the bottom of the Adobtems; and within one, two,
there, or even four Months, the Mendis cache is flow,
where, or even four Months, the Mendis cache is flow,
there, or even four Months, the Mendis cache is flow,
the Months are given to count the Series of her
Weeks, without taking any notice of the Time before clapfied.
After this, or between the feecond and high Months, but goforce and high mendion of the Months and the Months, but go-Weeks, without taking rip porter of the 1 min before clapted: mentily about the third, the Morison of the Entleys become perceivable to the Morler; who because becomes remoind that the control of the control of the control of the mentils and control of the control of the control of the third in time, the Entleth Replant for the power and and patient, and countrol is little Milk; the Napoles allo become larger, former, and clarice country, a lived leaves appearing smooth fault Mooth's preparately, the Woman grows shimer, and then-derer; the Abdomes being allo deprois 4; the little removal fault Mooth's preparately, the Woman grows shimer, and fun-derer; the Abdomes being allo deprois 4; the little removal fault Mooth's preparately, the Woman grows shimer, and fun-derer the Abdomes Woman to the Control of the State Arter Mooth's Woman grows shimer, and from the con-density of the Control of the Control of the Control, and command the Terament, by a thick Colles, coar pease to the Technol, seed of the Control of the Control of the Control of the control the Terament, by a thick Colles, coar pease to the Technol. Seed the Control of the Control of the Control of the Technol. The Control of the Con

Tubes. See Ovary. Tubes, See Ovary.

Their Spherules, by the use of Venery, grow, fwell, raise, and dilate the Membrane of the Ovary into the form of Populles still, the Head peopending from the Seitle, it is at length separated from it; leaving behind it a hollow Cicatrix, in the broken Membrane of the Ovary; which, however, form grows up again.

Now, in these Spherules, while fill adbering to the Ovi-ry, Fartas's have been frequently found: whence it appears, that these are a kind of Oos, or Eggs, deriving their Structhat there are a kind of the Orary, and their Struc-rure from the Veffels of the Orary, and their Liquor from the Humaner properly therein. See Ecc.

the Hamours prepar'd therein. See Eco.

Honce, 3(i) is appears, that the Hollpian Tubes being
Honce, 3(ii) is appears, that the Hollpian Tubes being
Honce, 3(ii) is appears, that the Hollpian Tubes being
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Hollp Seed; or,

FRAN Tole.

Hence the Phenomena of felip Conceptions, Abortion, Fa100's Soud in the Curity of the Abdomen, the Eulopian
Four, in Coline, the Male Society, choosing with living
Atmostisator, agranded with a great Force, a brill Hent and
Atmostisator, agranded with a great Force, a brill Hent and
Atmostisator, agranded with a great Force, a brill Hent and
Atmostisator, brill the Coline of the Coline, which is excited in perfect for the Morry of
this occurred to the Morry of the Coline, which on this excites no relaxer than ordinary,
the Coline of the Coline, which on this excited nose lease than ordinary. of the Utrrus, which on this occusion are laxer than ordinary, into the Utrrus; it felf; which now, in like manner, becomes more active, raged, hot, inflam'd, motilend with the Flux of its Lymph and Spirits, by means of the Thillation excited in the nervous Partille by the Attrition against the Regge of the Vegame. See Surp.

ted is the nervous 'Perilie' by the Attribute against this Remy of the Pagena, See Stars.

The Semen that differed in the Utrary, is retained, heated, all the page of the Pagena and the Christy is fell's all the page of the Pagena and the Christy is fell's Part came that the disact Pores of the Mandrantas of Part came that the disact Pores of the Mandrantas of the Ocean, now become glandshow, is there retained, non-effill'd, distred, grows to in Unabilitient, or Navel 3 thillies the other less interly Animachuses; and then is Cameria. effoliad

effected. Hence, it appears, that Conception may bappen in any Parr where the Sennes meets with an Grown: Thus, whether it be carried they the Fallopin Table to the Ovary, and there caft upon the Grouns; or whether it meet in Goon Receful of the Table it felf; or, lattly, whether it join it in the Cavity of the Uterus, it may fill have the fame Effect; a the Cavity of the Utternt, it may full have the fame ERGE, as an it appears from Ordevention is abaulty has. But it is pro-bable that Conceptates it then most perfect, when the ver-cel. The Consumer of the passes of the Consumer of the Consumer of the Consumer of the man of the Consumer of the Consumer of the Consumer of the which, has the Consumer of the Consumer of the Consumer of the which, has the Consumer of the Consume

pared, into the Ovary, to impregnate the Foos. See Grave

For the Progress of the Focus after Conception, see Nu-TRITION, CIRCULATION, &c. see also UTERUS, UMBI-LICAL Vellels, &c.

CONCEPTION Immaculate of the Holy Virgin, is a Feafi in honour of the Holy Virgin; particularly with regard to her having been conceived and born Immediate, i. e. with-out Original Sin; held in the Romelli Church on the 8th of December. Allasius, in his Prologomena on Damafeanus, endeavours to prove this Feaft to have been celebrated by feweral Churches in the Eaft, as early as the VIIIth Century. Sec FLAST.

The Immaculate Conception is the great Head of Contro-werly between the Scootles and Thomaths, the former main-taining, and the latter impaging it. See Scottist, and

training, and me atter impagning it. See Scorist, and Theorist.

The Jesseins elpous'd the Party of S. Thomas, and held out a long time, in defence of the Virgin's being conceived in Original Sin: They were condemn'd by Pope Clement VII. in 120%, at the Profection of the University of Paris, and oblighd to retrustice.

oblig'd to retract.

The Council of Trent, Seff. V. in the Decree of Original
Sin, declares it not to be the Intention of the Council to include the Virgin under it; Her Conception it calls Immaestate; and appoints the Conditionions of Sixtus IV. to be ob-

ciade the Virgin under it; Her Conception it cells. Immeas-tary and appoints the Conditions on Strain IV. to be of-fered with regard thereon.

On the Control of the Control of the Control of the Con-fered with regard thereon.

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For Religious of the Order of the Conception, fee

THEATINES.

Gggg CON-

CONCERT, or CONCERTO, popularly CONSORT, a Number, or Company of Musicians playing, or finging the fame Seng, or piece of Market negenter. See Musica.

The Word Concert may be applied where the Musick is only Melody, i. s. the Performers are all in Unifon ; but it

is more properly, as well as more ulually underflood of Har-rinony, or where the Mufick conflits of divers Parts; as Bais, Tenor, etc. See Merony. Harmony. Parts 286. ony, or where the Numer counts of diviso Parts; as Bass, coor, &c. See Melony, Harmony, Part, &c. CONCESSI, a Torm much used in Conveyances, &c. its

Effect is to create a Covenant, as Dedi does a Warranty. Sec COVENAN

See GOVERANY.

CONCESSION, in Rheonich, a Figure whereby fome-thing is granted, or showd the Advertiary, either to prevent being store a state of the control of the Contro

and AURICEE. Some also give the fame Name to the first Cavity of the

ounce and give the tame name to the first Cavity of the inward Ear, which others call the Driam; and others to the Vessibulius of the Labyrinth, which is the second Cavity of the internal Ear. See Tempanum, and Vesti-The Name has its Origin from a resemblance these Caviries bear to a Concha, or Sea-field.

CONCHILIS, or CONCHOID, in Geometry, a Curve

CONCHILIS, or CONCHOID, in Geometry, a Curre Line, which aways approaches resert a flurit Line to which it is inclined, but factor Decision of the control o

Conchois secunds; the right Line BD the Rule, the Point

C the Pole.

C the 'Pole.'
The Inventor also contriv'd an Instrument, whereby the first Concloir may be described mechanically: Thus, in the Raule A D, ('Hart Analysicks, Fig. 2.) is a Channel or Groove cut, so as a smooth Nail, firmly first in the moveable Rule C B, in the Point F, may slide freely within it: Into the Rule FG is fixed another Nail is K, for the moveable

Rule CB to flide upon.

If then the Rule BC be fo mov'd, as that the Nail F paffes along the Canal AD; the Style, or Point in C, will deferibe the first Conclude.

Now let AP=x, (Fig. 1.) AE=s; PE=MR=s
-x; wherefore, as x increases, s-x or MR will decrease: and therefore the Carve continually approaches near-

create: and therefore the Curve community approacher to the Rule B D.

In the fame mainer it appears, that the right Line N O must continually decreate a and therefore, the fectord Coscobord, allo, must continually approach nearer the Rule. But instituch as between each Concluded and the right Line BD, there willfill be the right Line Q M or Q N, equal to A E a neither of the Concludes can concur with the right A E; neither of the Comeboids can concur with the right Line B D: confequently, B is an Affymptote of each Conchoid. Sec Assymptors.

COUNT. SEC ASSEMBLATORE.

There will be other Kinds of Concludity produced, if CE:

CQ::QM:AE, or Indefinitely, if OE*:CQ*:QM*:QM*

AE*s wherefore, if CE=b, EA=a, CQ=x, QM*

y; then, ab=x): and for infinite Concludit, a**b*==

=3 y then, \$P = 2 y into a name constraint, \$CONCINSOUS Letterals, in Madic. Differeds are difficult into distribution of Lectionary and Lectionary Letterals. The Concinuous read as are fit for Madic, next us, and in Combination with Concords; being neither very agreeable as the contract of the Combination with Concords; being neither very agreeable as the concentration of the contract of the co

called Inconcinuous. See Discorp.
Syftoms are alfo divided into Concinuous and Inconcin

Sythems are allo divided into Concenneus and Incontinuous. A Sythem is idid to be constituently or concinnously divided, when the Parts thereof, confider d as fimple Intervals, are continuously, and see, befides, placed in fach an Order, between the Extremes, as that the Succeifion of Sounds from the Extreme to the other, may have an agreeable Effect. See System.

Where the fimple Intervals are inconcinnous, or ill-difposed between the Eatternes, the System is said to be incon-

CONCLAVE, an Affembly, or Meeting of all the Car-

dinals that are at Rome, for the Election of a Pope, See Pore, Election, &c.

The Conclose had its rife in the Year 1270, and on this

The Conclove had its rise in the hear 1270, and on this occasion: Clement IV. being dead at Viterbo, in 1263, the Cardinals were two Years without being able to agree on the Election of a Successor: In effect, things were carried to Election of a Successor: In creek, longs were extract to that pais, that they were upon the Point of breaking up, at pats, that they were apos the roll of occasing up, thout coming to any Cocciofion at all.

The Inhabitants of Viterbo, then, being apprized of their

The Inhabitants of Viscow, total congression of these Defign, by the Advice of S. Bondventure, then at Vite be flust the Cates of their City, and lock'd up the Cardinals in the Pontifical Palaco adjoining to the Cathedral, till they

ere brought to a better understanding.

were brought to a better understanding.

Hence arofe the Custom which has fince prevail'd, of
shutting up the Cardinals in a single Palace, till they have
elected the Pope. Such was the Origin of the Conclore, as
related by Onaph. Paravanus, Cascanus, and Pagarbase, See CARDINAL CONCLAVE is also used for the Place wherein the Election

of the Pope is perform'd; which is, now, at St. Peter's is the Varican; the Gregory X. and Clement V. appointed is floudd always be held in the Place where the last Pope floudd the Company of the Pope where the last Pope floudd the Company of the Pope where the last Pope While the Affair is in hand, if it be in Winter, the Walls

and Windows are all mured up, excepting a fingle Pane, a give a little Light: In Summer the Windows are not closed but the great Place of the Light: at the great Door of the Hall is secured with four Locks, and four Boits; an Aperture being, however, left, to supply the imprison'd Prelates with Victuals thro'.

In the Hall, which is very ample, there are Cells or Stalls In the Hall, which is very ampie, more are cens or once recled for as many Cardinals as are to be prefent at the Election; the Cells being only separated by Deal Board. The Cells are mark'd with Letters of the Alphabet, and

The Cells are markd with Letters of the Alphabet, and are distributed to the Cardinals by Lot: Each Cardinal put his Arms on the Cell that falls to his flare. See Cart. After the Alfembly has held three Days, they are only allow'd one Dith for a Meal; after five Days, only Bread and Water: The his Rule is not over-colligioully regarded. Each Cardinal is allow'd two Concloreft, or Servants as

Mathew Paris fays, the Word Concluse antiently fignify'd
the Pope's Wardrobe.

"Tis a popular Proverb in Italy, Chi entra Pape, efee Cardinale; He who enters Pope, comes our Cardinal; q. d. He who according to common Report will be elected Pope, or

dinarily is not

disartly is not. CONCLUSION, in Logick, the last Part of an Argement 5 or the Confequence drawn from something either as sumed or proved before.

The Conclusion of an Argument contains two Parts, the Confequence, which is the Matter of it; and the Confequence, which is the Ferm; and which, of a simple ablume.

the Confequent, water is and which, of a fimple abloius generic, which is its Form 3 and which, of a fimple abloius Proposition, renders the Conclusion relative to the Fremish whence it is drawn. See Consequence, and the The Question, and Consistion, say the Scholmen, are the The Question, and Consistion, say the Scholmen, are the The Question they are confidered as doubtful; in the Conclusion to water confidered as doubtful; in the Conclusion as void of doubt.

Conclusion, in Oratory, confifs of two Parts; the Re-capitulation or Emmeration, and the Passions. See Rus-

TORICK. The Recapitulation confilts in a Repetition of the principal Arguments. See RECAPITULATION; fee allo Passion.
CONCOCTION, in Modicine, the Change which the
Food undergoes in the Stomach, See to become Chyle, See

CHYLIFICATION. This Change confifts in deffroying the Texture and Cohefion of the Parts of the Food; preparing part of it for fome particular Service of the animal Frame, and the reft to be arried off as Excrements, by proper Emunctories. See Foon,

EXCREMENT, ESC. EXCREMENTAL SEC.

The Antients gave the Term Concoffien, to what we now ordinarily call Digeflion; from a Notion of the Food's being, as it were, beil'd in the Stornach; and its nutritious Jusce express'd by the Heat of the adjacent Ports. See Dis-CESTION

They affign'd two Concellions, viz. one in the Stomach, and a fecond in the finall Inteffines, &c. which latter they attributed to the Admixture of the Bile and pancreatick

The feveral Concoctions in the Body, with regard to the The feveral Concections in the Body, with regard to use Propagation of the Species, and the Prefervation of the li-dividual, have been fince reduced to five; Cleyhoff; for Chyle, Cleymoff; for Chyme, Hemachiff; for Body, Pacemantoff; in Spirits, and Spermantoff; for Seed. See Chyllogis, Chyle-sis, Hemachonis, &c. fee all of Cocrios. S. Hemachonis, &c. fee all of Cocrios.

panies, or goes along with, another.

Concemitant Grace, is that which God affords us during the Courfe of our Actions to enable us to perform 'em; and as the Romillo Schoolmen fay, to render 'em meritarious

See GRACE. Cance

Concernitant Grace differs, at least with reserve to its F6. Concomitant Grace difficus, at least with regard to its Ef-ficit, from preventing Grace: the latter is given as to pre-vent an Action, the former to accompany it. According to the Romillo Doctrion, the Blood of Jefus Chiffi is under the Aecidents of Bread, as his Body is under the Aecidents of Wine, by Componitance

Chiff is solder the Acodoms of Bread, as his Body is under the Acodoms of Wine, by Communitum, Spyrax, or Con-traction, whereby the Words of a Science egger among inchnicives, i.e. whereby Norsia to per in the Same Cale, Number, Condon, Ed. and Verbe in the Same Cale, Number, Condon, Ed. and Verbe in the Same Number and The Rake of Carcord are generally the fame in all Lan-guage, as being of the Nature of what is in ole almost Than, the Difficulting of the two Numbers Singapiar and Brand, children of the two Numbers Singapiar and Brand, children of the two Numbers Singapiar and Brand, children of the two Numbers Singapiar and Sandantive in Numbers; that is, no put the one children Sandantive in Numbers; that is, no put the one children is the sandantive in Numbers of the Sandantive Numbers of the Sandantive Numbers; that is, no put the one children is the Sandantive Numbers of the control of the Sandantive Numbers of the Sandantive Number See Number

See Nosiera.

Again, the Diffinction of Mafailine and Feminine, renders it necessary to put the Substantive and Adjoctive in the fine Degree. See Drears.

And Verbs fhould have a Concord or Agreement with Yours and Pronous in Number and Perfon. See Prasons,

Noms and Pronouns in Number and remon. Occ learners, Pronouns, Ed. . If any thing occur apparently contrary to those Rules, 'tis by a Figure, i. e. fomething is implied, or the Ideas are considered more than the Words themselves. See Fronks.

confider'd more than the Words themselves. See Figure.

Concord, in Law, is the Agreement between two Parties
who intend the levying a Fine of Lands to one another, how
and in what manner it shall pass. See Fine.

Concorn is also an Agreement made upon any Trespats
committed, (betwixt two, or more) and is divided into Ge-

committed, (betwise two, or more) and is divided into Goord executory, and Gasord executor.

Plocades observes, that the first binds not, being imperied; a but the latter is perfect, and binds the Party.

Others are of Opinion, that Converts executory are per-

first, and hind no left than those executed. Concord, in Mufick, is the Relation of two Sounds that are always agreeable to the Ear, whether applied in Succeffign or Confenance. See Sons

from or Contonance. See Sounce.

If two fingle Sounds be in fush a Relation, or have fuch
a difference of Tune, as that being founded together, they
make a Mixture, or compound Sound, which affects the
Ear with pleasure; that Relation is called Cancers': and
whatever two Sounds make an agreeable Compound in confonance, those same will always be pleasing, in Succession, or

will follow each other agreeably. See Tune.

The Reverie of a Concord, is what we call a Differed 3 which is a Denomination of all the Relations or Differences

of Tune that have a dipleasing Effect. See Discord.

Concord and Harmony are, in effect, the fame thing; the
Custom has applied them differently. As Concord expectes
the agreeable Effect of two Sounds in Confonsere; is Harmony expresses that Agreement in a greater Number of Sounds in Confonance: Add, that Harmony always implies Confonance; but Concord is fometimes applied to Succession: the never but when the Terms will make an agreeable Con fonance: whence it is that Dr. Holder, and fome other Wri-ters, afe the Word Confinance for what we call Concord. See

SON A NOT. Unifonance, then, being the Relation of Equality be-tween the Tunes of two Sounds, all Unifons are Compards. tween the Tunes of two Sounds, all Unitions are Cimerra's, and in the first Degree: but an Interval being a Difference of Tune, or a Relation of Inequality between two Sounds becomes a Cancerd of Difference of Consumitances of that particular Relation. Indeed, fone relation General to Interval, and make a difference of Tune efficient thereto, but that is precasions : and Mr. Middelar thinks as the Wood implies Agreement, its applicable to Unitary that as the Wood implies Agreement, its applicable to Unitary that as the Wood implies Agreement, its applicable to Unitary that as the Wood implies Agreement, its applicable to Unitary that as the Wood implies Agreement, its applicable to Unitary that as the Wood implies Agreement, its applicable to Unitary that the Wood of the Wood

that as the Word implies Agreement, its appacance to uni-min in the first degree, See Usis sont.

"The nor eafly to siftige the Reason or Foundation of Con-ordance: The differences of Tune, we have already ob-fered, take their rife from the different Proportions of the Vibrations of the Goncous Body, i. c. of the Volcity of those Vibrations of more accuse their gather than the courts are, the more accuse their the Tune, and orice errifa-

See GRAVITY, &c.
But the effential difference between Concord and Difference

lies deeper; there does not appear any natural Apritude in the two Sounds of a Concord, to determine it to give us a the two Sounds of a Concern, to determine it to give us a pleading Sculidion, more than in the two Sounds of a Difficent Tacle different Effects are merely arbitrary, and must be recloved into the driving good pleadure. See Sansatrions. We know by experience what Proportions and Relations of Tune afford Pleadure, what not 1 and we know also how to expect the Differences of Tune by the Proportion of the Proportion of Tune by the Proportion of the Differences of Tune by the Proportion of the Pro

Numbers; we know what it is pleafes us, tho we don't know why: We know, e.g. that the Ratio of x:z contil-tures Converd, and 6:7 Differed; but on what original Grounds agreeable or disgreeched ideas are connected with those Relations, and the proper Insuence of the one on the

thofe Relations, and the proper influence of the one on the other, is above our reach.

By Experience, we know that the following Rathes of the Lengths of Chords are all Concord, oir., arr, sra, 4:3, 5:4, 6:1, 5:2, 8:5; that is, take any Choef for a Funda-mental, which shall be represented by the Namber 1, and mental, which shall be repretented by the Number 1, and the following Divisions thereof will be all Concerd with the whole, vie. \(\frac{1}{2}, \frac{1}{2}, \fra

ing Character leverees Coursel and Differedt, mit he local of far in the Knumber, expering the Internal of Sound; so at althraftedly, and in themfores, but a corpering to Number of Vibertiess.

The Character is the far and the Character of Character of Number of Character of Character of Character of Number of Character of Number of Character of Number of Agreement in Tune; and therefore have formerling in 'an acceptable' so that Agreement, which is found, left or more, in overy Coursel' obtained to the Character of Number of Numb Agreement hes.

Agreement lies.

Further, if we confider the Number of Vibration made in any given time by run Goods of equal Time; on the brains of the confidence of the confidence of the confidence of the two Choesle ordinde, or commence together as frequently as possible, i.e. they coincide at every Vibration; in this frequency of which Candidatese, or united interpretable programs of which Candidatese, or united the confidence of Company of Wish Candidates, or united to the Company of the Confidence of Company of Wish Candidates, or united the Confidence of Company and Different of Company and Different made be longht. Now, the nearer the Vibrations of two Strings and

Now, the nearer the Vibrations of two Snings approach to a Coincidence as froquent as posfible, the nearer they should approach the Condition and, confequently, the Agreement of Unitions which agrees with Experience. For if we take the natural Series 1, 2, 3, 4, 5, 6, and compare each Number to the next, as experting the Number of Vibrations in the fame time of two Conds, whole Lengths are reciprocally as those Numbers 3 the Rale will be found are reciprecally as those Numbers 3 the Rule will be found cancil, for 1:2 is beth, then 2:3 3 after 6 the Confounace is unsufferable 5 the Coincidences being too rare 1 the there are other Ratios that are agreeable, before the found in that continued Order, viz. 3:5, and 5:8, which, with the preceding five are all the convoxing Intervals within, or left than an Octave, or r: 2; that is, whole acuteft Term is greater than half the Fundamental.

On this Principle, 3:5 will be preferable to 4:5; be-cause being equal in the number of Vibrations of the acuter Term, there is an advantage on the Side of the Fandamenratin the Ratio 3: 5, where the Coincidence is made at every third Vibration of the Fundamental, and every fifth every many valuation of the Fundamental, and every fifth of the acute Term: So also the Ratio 5:8 is less perfect than 5:6 5 because, tho the Vibrations of each Fundamen-tal are equal; yet in the Ratio 5:6, the Coincidence is at every fixth of the acute Term, and only at every eighth in the other Cafe.

the other Cafe.
Thus, we have a Rule for judging of the Preference of Coucra's, from the Coincidence of their Vibrations: agree-able to which Rule, they are diffored into the Order of the following Table; so which the Names of the Coucra's in Practice, the Rules of their Divarious, the Larget of the Coura's and the Namber of Chinatement in the fame, are express d.

Table of CONCORDS. Ratio's, or Vibrations. Grave Acuts Term, Term. Thison 1 : I Octave, 8ve -. T 60 Fifth, 5th Fourth, 4th 3 20 Sixth, gr. Third, gr. Third, leffer Sixth, leffer í 20 15 - 6 : 8 : 5 Grave Acuts Lengths.

The this Order be ferticed by Recalin, yet it is confirmed by the Ear. On this betton, Control and fill be the plane to the property Number of Control and the Control and where the Coincidences are equal, the Preference will fill no that Interval, whole a cutoff Turn has fewer that the Control and the Rule yet discover'd.

F. Mergenne, indeed, after Kircher, gives us another Standard for ferting the comparative Perfection of Intervals with regard to the Agreement of their Extremes in Tune:

And 'tis this

The Perceptions of the Control of th longest time.

For inflance, let 1, 2, 2, be the Lengths of 3 Chords 1 12 is an Octave; 2:3 a Fifth; and 1:3 an Octave and Fifth compounded, or a Twelfth. The Vibrations of Chords becompounded, or a Twelfth. The Vibrations of Chords be-ing reciproselly as their Lengths, the Chord a will vibrate once, while the Chord 1 vibrates twice, and then exilis an Ochres; but the Twelfth does not yet exift, because the Chord 2 has not vibrated once, nor the Chord 1 thrice, which is necessary to form a Twelfth. Again, for generating a Fitth, the Chord 2 must vibrate

Again, for generating a Pitth, the Chord 2 milit Morace thrice, and the Chord; stwice; In which time, the Chord will have vibrated 6 times; and thus the Obtave will be thrice produc'd, while the Twelfth is only produced twice; the Chord 2 milting its Vibration fonce with the Chord 1, than with the Chord 3 3 and they being fooner conformer than the Chord 3 or a with that 3.

thau the Chord's or a with that 3.

Whence, that Author oblevers, many of the Mythetics of Harmony, relating to the Performance of Harmonicous Intervals and their Succession, are easily deduced.

But this Rule, upon exemining it by other Instances, Mr. Matetoin has shewn detective, as it does not another in all Politions of the Instruvia's with respect to each other 3 but a certain Order, wherein they are to be taken, being requird: and there being no Rule, with respect to the Order, that will make this Standard answer to Experience in every Case: So that at last we are left to determine the Degrees of Con-

So that it art we are left to determine the Degrees of con-cord by Experience and the Ear.

Not but that the Degrees of Concord depend much on the more or lefs frequent uniting the Vibrations, and the Ear's belog more or lefs uniformly mov'd, as above; for that this Mixture or Union of Motion, is the true Principle, or, at least, the chief Ingredient in Concord, is evident : But because there feems to be something surther in the Proper-tion of the two Motious, necessary to be known, in order to fix a catholick Rule for determining all the Degrees of Con-

cord, agreeable to Scule and Experience.

The Refult of the whole Doctrine is fumm'd up in this Definition

Definition.

Guerraf is the Refult of a frequent Union, or Colocidence
of the Vibratiens of two fonorous Bodics, and, by confequency, of the anolulating Moritons of the Air, which, being cau'd by thefe Vibrations, are like and proportionable
to 'cm, which Coincidence, the more frequent it is, with
regard to the number of Vibrations of both Bodics, perform of cognel to the camber of Vibertions of both Soutes, performed in the finent time, exterity fairful, the more perfect is that in the finent time, exterity fairful, the more perfect is that the both the Mations, commone Hilberta. But plus of the remarkable Phenomenes of Sounds accounted for from this Theory, under the Word Unstone, to allow INTERVAL, EC. Concervit see divided intoffinity, or criginal, and complained. A finish, or original Concept, is that whole Extremes use at Influence left has the Bum of any two other Concerds.

On the contrary, a compound Concord is equal to two or

more Concords.

Other Musical Writers flute the Division thus: An Octave 1:2 and all the inferior Concords above express'd are une 1:1, and all the Inferior Converds above capecifed are altimple and onligated Converds: and all greater than an Oc-tuve, are called contestant Converds; as being compared of, and equal to the South of our own row Colvers, and force large for Convert left than as Ocksive, and see usually, is practice, the converge of the Converge of the Converge of the Converge At as the Conference and Rectivers of the original Con-cords, by applying to them the Rukes of the Adultions and Substrattice of Eurerist, they will be divided our fugates and compared, according to the first and more general Notion; as at the Inference of the Converge Converge Con-

Simple Concords. | Compound Concords. | 5 th 4 or 5 to 6 td 18ft. | 5 th 4 or 5 td 2 td 18ft. | 5 td 2 td 2 td 3 d 1 td 18ft. | 5 td 2 td 3 d 1 td 18ft. | 5 td 2 td 18ft. | 5

The Octave is not only the first Concord in point of Perfection, the Agreement of whose Extremes is greatest, and the pearest to Unison; informed that when sounded together, 'tis impossible to perceive two different Sounds; but 'tis also the greatest interval of the feven original Concerds; and as fuch, contains all the lesses, which derive their secences from it, as they arise more or less directly out of it; and which decrease gradually, from the Octave to the lesses which which has but a small degree of Concerd. See Oct Avra. What is very remarkable, is the manuser wherein these lesses are the containing the

fer Concords are found in the Octave, which shows their man

for Consords are found in the Colters, which flows their gam-tal Dependencies.

For, by taking both an Hamoustal and Arithmenical Ken, by taking both and Hamoustal and Arithmenical Mean between the Exercises of the Colters, and then sold the Colters, and the most difficient of the two Means said Single, treme, and the most difficient of the two Means said Single, which belows the Leifer Exercise and the first Adminental Mean, and betwist the greater Exercise and the first Ham-monical Mean, we have all the leffer Content's.

Thus, if herwise 450 and 150 the Extremes of Okton, we take a Arithmenical Mean, it is 1953 and an Exercise

we take an Attitumentest Mean, it is 270; and an Harmonical Mean is 40; then, berwith 360 the greatoff Extreme, and 240 the Harmonical Mean, take an Arithmetical Mean, it is 300; and an Harmonical Mean, is 288. Again, betwitt 180 the lefter Extreme of the Octave, and 270 the fair Arithmetical Mean, it is 225, and an Harmonical one 216.
Thus have we a Series of all the Concords, both according towards Acutencis from a common Fundamental, 360; and

descending towards Gravity from a common scute Term, 180: which Series has this Property, that taking the two

The which Series has his roperty, that taking the two Extremes, and any other two at equal Diffances, the faur will be in Geometrical Proportion.

The Other, by immediate Division, resolves it self into a Fourth and Fifth 3 the Fifth, again, by immediate Division, produces the two Thirds 4 the two Thirds are therefore found by Division, tho not by immediate Division 5 the fore found by Division, tho not by immediate Division 5 the fore found by Division, tho not by immediate Division 5 the fore found by Division, tho not by immediate Division 5 the forest found for the first found for the forest found for the forest found for the first found for the forest fo the same is true of the two Sixths. Thus do all the original Concords arise out of the Division of the Octave; the Fifths and Fourths immediately and directly, the Thirds and Sixths mediately.

From the Perfection of the OStave arifes this remarkable From the Perfection of the Octave antes this remarkable. Property, that it may be doubled, tripled, Etc. and yet fill perfevere a Concord, i. e. the Sum of two or more Others are concord; the the more compound will be gradually left agreeable: But it is not fo with any other Concord left than Octave , the Doubles, &c. whereof, are all Difcords.

Again, whatever Sound is concord to one Extreme of the Octave is concord to the other alfo: and if we add any Other is concord to the other sito; and if we add any other simple Concord to an Other, it agrees to both its Extreme; to the nearest Extreme it is a simple Concord, and to the intrict a compound one.

Another thing observable in this System of Concords, is, the concord of the control of th

that the greatest Number of Vibrations of the Fundamen cannot exceed five; or that there is no Concord where the cannot exceed five, or that there is no Concord where the Fundamental makes more than five Vibrations, to one Caincidence with the scate Term. It may be added, that this Progrets of the Concords may be carried on to greater degrees of Composition, even in infinitions, but the more compound, the less agreeable.

the icis agreeaue. So a fingle Oclave is better than a double one, and that than a triple oce; and for fifths, and other Concord. Three or four Oclaves is the greatest length we go in occurry Practice: The old Scales went but to two; no Voice or Instrument will well go above four. See Tifte, Fourty.

or Influment will well go assert soul. Or Influment will well go assert soul.

FIFTH, \$6.

CONCORDANCE, a Dictionary or Index to the Bible,
CONCORDANCE, a Dictionary or Index to the Bible,
Werting, are ranged alphabetically, and the various Place
where they occur referred to y to stiff in Indiang our Patigos,
and comparing the feveral Significations of the fame Weed.

The Third which is full as have employed soon Marks at Cardinal Hogbs is faid to have employ'd see Monks at the time time in compiling a Latin Concordance: Beade which, we have several other Concordances in the same Lanwhich, we have neveral other concernances in the name Liminggauge; one, in particular, called the Concernance of England, compiled by F. Darlington of the Order of Producents; another more accurate one, by Zamora.

R. Mardachni Nathan has familify d us with a Hebrew Concernation of the Concernation of the

breve Roots branch'd into their various Significations, and under each Signification all the Places in Scripture wherein

under each Signification all the Places in Scripture whereast it occurs; I alt the belt and most uffeld Hebrow Concordance is that of Busino-f.

The Greek Concordances are only for the New Tellsment: indeed we have one of Kirchev's on the Old, but this is rather a convordantial Dikthonacy than a Concordance? this is rather a concernant at Dictionary than a Concernant, containing all the Hebrew Dictions in an alphabetical Order; and underneath, all the Interpretations or Senses the Seventy give 'em; and in each Interpretation, all the Places where they occur in that Version.

Catafius, an Italian Cordelier, has given us Concordances of the Hebrew, Latin, and Greek, in two Columns; the fifth, which is Hebrew, is that of R. Mardochai, word for firft, which is Hebreu, is that of R. Mardochat, word and word, and according to the Order of the Books and Chap-ters: On the other Column is a Latin Interpretation of each Paffage of Scripture quored by R. Mardochai: This inter-pretation is Caladius's own; but in the Margin he adds that of the Seventy and the Vulgate, when different from his. 1601

CONCORDANT Verfes, such as have several Words in common; but which, by the addition of other Words, con-

Es Stanis in filva Svenatur & omnia Servat.

CONCORDAT, in the Canon Law, a Corenat, or Agreement in fome branchistry Matter; as, relating to a Refignation, Permutation, or other Ecclefishical Cisite.

The Concoil of Trant, Set VI. de Reform. Cap. 4, fpeaking of Concordats made without the Authority and Appren

ing of Concertaits made without the Authority and Appro-bation of the Pope, calls "em Concordist que tan sum fais disgant Authors", non Succeffores. And the Congregation of Cardinals, who have explained this Decree, decisers, that a Concortait cannot be real, or defected to the Succeffors,

unless confirm'd by the Pope.

Concondar is used, absolutely, among the French. an Agreement concluded at Boulogu in 1916, between Pope

Los I. and Francis I. of France, for regulating the manner

of nominating to Benefices.

of meminating to Benefices.

The Concordat ferves in lieu of the Praymatic Santtion,
which had been abrogated; or, rather, it is the Praymatic
Santtion folten'd and reform'd. There is also a German Cancardet, made between Pore

Viciolas V, and the Emperor Frederick III, and the Princes Nicholas V. and the Emperor Frederick III. and the Princes of Germany, in 148, relating to Beneficiary Matter. CONCORDIE. Vala. See Vasaria of Cancerd. CONCOURSE, or CONCURRENCE, the reciprocal Action of divers Persons or Things, co-operating roward the

fame Effect or End.

Divines generally hold, that the Actions and Operations

Divines generally hold, that the Addions and Operations of all Creatures are continually dependent on the immediate Consurvance of the divine Mind: For fecond Causes to act, or produce Effects, God himself must ensure, and by his Jaffaence give em the Efficacy they themself-these are definited of: If they did not need the immediate Consurvance of God to make em act, they would have a fort of Indeepen. dency, which must be injurious to the immediate Creater

The Schoolmen diffinguish two Kinds of Concurrence. The Schoolmen diffinguish two Kinds of Concurrence, trix meditors, which confils in the giving a Power or Faculty to act; and immediates, which is a corresponding to the force of one Cause along with another, to produce an Effect. Thus, the Grandfother concurr mediately to the Produc-tion of a Grandfon, as he gives the Power of generating to the Father; but the Eather concurr immediately with the Mother to the Production of the fame Child New 'ris allow'd that God concurs mediately with all his Creatures, to enable them to act; but whether this be sufficient; or whether it to farther requir'd that he concur with 'em immediately by a new influence, for the Production of every act, diarely by a new influence, for the Froduction or every act, in the fame manner as the Father concurs with the Mother toward producing the young, is controverted: The generality of Scholattle Writers are for the Affirmative; Durandus and his Followers maintain the Negative.

and his Followers multaria the Negative.

"Please of Oncernata." See Freez.

CONCRETE, in the School Philosophy, an Alfamblage,
CONCRETE, in the School Philosophy, an Alfamblage,
A Phylloid Enecet, or concurred Bedy, may denote any
min's Body, or Body compoil of different Principles; and
min's Body, or Body compoil of different Principles; and
min's Body on Body compoil of the School Concrete School
article from a Contition of divers Element, or at least or
article from a Contition of divers Element, or at least or
present the School Control of the School
article from the School Control of the School
article from a Control of the School
article from the S and PRINCIPLE.

and PRINCIPLE.

But, in firstness, Concrete is only used for those Compounds wherein the Ingredients still retain their dislimit Natures, nor are wholly converted into any new common Nature. See Maxx. Authors diffinguish Natural Concretes and Artificial ones:

Thus Antimony is a natural Concrete, and Soap a factitious

Concrete, or concrete Word, called also Para-symus, is that which has a compound kind of Signification, as fignifying both the Subject, and some Quantity or Acci-dent of the Subject, which gives it in Denomination : As Man, Learnad, white: for Man fignifies as much as hering

Man, Lermed, white: for Min figuifies as mach as being beamen Marrie, plermed, a much as longing barraing, Sci. Hence, the Word Controt is chirtly said to expect the Union of Qualities or Quantities with the Bollei or Sal-Union of Qualities or Quantities with the Bollei or Sal-verbery the Timing are featured in Thought, in Afficiell. General properly significe a Salghed with its Form on it Quality as a poun Man, bord, write: Afficiall, on the several properties of the properties of the properties of Governa's Numbers, are those which are applied to ex-pert or dense any particular Saledge, as, now Man, throw loads, we will be a supported to the properties of loads, with the sale of the sale of the sale of loads, we will be a supported to the properties of loads, we will be sale of the sale of the sale of loads, we will be sale of the sale of the sale of loads, we will be sale of the sale of loads, when the sale of loads of lo

taken abitractly or universally: Thus, three fignifies only

an acorceate of three Unites : let those Unites be Men

an aggregate of three Unites; let those Unites de Meu, Concerning of the Act whereby fost Bodies are ren-der'd hard: Or, it is an infensible Motion of the Particles of a Enda of fost Body, whereby they come to a Confiltence. The Word is used indifferently for Induration, Condensation, Convolution, and Compulation, See Industrian, Consensa-

tion, Congolation, and Congolation. See Inducation, Con-Printerion, Concentration, 26.:

Printerion, Concentration, 26.:

Printerion as in all diel for the Coalition of feveral little
Printerion as femilies Main, called a Concerce 19 without
of which Union, the Body acquire this or that Figure, and
the Concentration of th

thefe or them Properties, See Concrete.

CONCUBINAGE, fometimes experied a criminal or
prohibited Commerce between the two Sexes; in which
Senfe it comprehends Adultory, Intell, and Imple Formation. See Advertex, Intellegation, Intellegat

In its more restraind Scale, Communings is used to a Man and a Maid's cohabiting together in the way of Marriage 5 without having pass'd the Coremony thereof. See Concu-

Enne. Concentinage was antiently tolerated: The Roman Law calls it an allowed Cuftom, licits conflicteds. When this Expression occurs in the Constitutions of the Christian Em-

cross, it fignifies what we now call a Marriage in Con-

The Concubinage tolerated among the Romans in the Time of the Republick, and of the Heathen Emperors, was that between Person not capable of contracting Marriago rogether: Nor did they even refule to let ulbertiances dend to Children fprung from fuch a tolerated Cohabitance

Sordi to Children fyrung from facin a tolerated. Cohabitance, Commissionge beworn fach Ferdon shy look'd on as a kind of Marrilage, and even allowed it feveral Feriologus i but then this Camazinoge was confined to a fingle Ferdon, and Historian elefteree, first the Romen Laws had allowed to Camazinoge look for Julius (Lepton made that Law whereby every one was allowed to many as many Wires as be posted. The Emperor Feldonianis, Sozzates toils us, allowed to the contract of the contract of

pleas'd. The Emperor Valentinian, Secrates teils us, al-low'd every Man two. See Marsa Jack. Concurra age is also used for a Marriage perform'd with lefs Solemairy than the formal Marriage; or a Marriage with a Woman of inferior Condition, and to whom the Husband

a Womsn of interior Condition, and to whom the Hasband does not convey his Rank or Quality. Chip's observes, that the antient Laws allow'd a Man to espoale, ander the Title of Connibines, certain Persons, such as were effected a unequal to 'em, on account of the warr of some Qualities requisite to stillain the full Honour of Marriage.

Qualities requisite to fulfain the full Honour of Marriage. He adds, that the Concubrance was becomen Marriage, both as no Deguity and to Civil Effectus yet was Concubrus at reputable Title, very different from that of Millet's among us. The Commerce was effectual to lawful, that the Concu-bine might be accused of Adultery in the same manner as a

Wife. See Concusing.

Wife. See Conventum.
This kind of Converbings is fill in us in some Countries,
particularly Germany, under the Title of a Half-Marriage,
or Marriage with the left Hinsi a) studient not he marriage
or Marriage with the left Hinsi a) studient not he marriage
he had been supported by the left Half-Marriage,
he had been supported by the Managara.
This is a real Marriage, the without Schemity: the Parties are both bound for every the the Woman he that exterms and the supported by the Marriage of Qualtime of Extraction common rights of a Wife, for ware of Qualtime or Extraction.

CONCUBINE, a Woman whom a Person takes to cohabit with him, in the manner, and under the Character of a Wife, without being authoriz'd thereto by a legal Marriage. See Concubinage Concusing is also used for a real, legitimate, and only Wife, diffringuished by no other Circumstance, but a Dispa-

nny or Borth or Condition, between her and the Husband.

Dus Cange observes, that one may gusture from feveral Paffages in the Epifiles of the Popes, that they antiently alfow'd of fact Cancabines. The XVIIth Canon of the first
Council of Toleda, declares, that he who with a faithful Wife, keeps a Concubins, is excommunicated; but that if the Concubins ferr'd him as Wife, so that he had only one Woman, under the Title of Concubins, he should not be woman, under the Trite of Concabine, he should not be rejected from Communion: Which shows that there were legitimate Wives under the Trite of Concubines. In effect, the Romen Laws did not allow a Man to espouse

In effect, the Kennez Laws did not allows a Man to clippade whom be plead'd shere was requir'd a kind of parity, or proportion between their Conditions: but a Woman of inferior Condition, who could not be cfposed as a Wife, might be kept as a Consubting and the Laws allow'd of it, provided he had no other Wife. Colliders of Consubting were not reparted either Lecture to Consubtriety were not reparted either Lecture to Consubtriety were not reparted either Lecture to Editation of Consubtriety were not reparted when the consubtriety was a consubtriety of the consubtriety when the consubtriety was a consubtriety of the co

ble only of Denation

They were deem'd to retain the low Rank of the Mother; and were on this ground unqualify'd for inheriting the Effects of the Father.

The certain the Partirechs had a great Namber of Wires, and that the did nor all hold the fame Rank 3 feme being fichalization the principal Wisk, while were when we did fichalization the principal Wisk, while were when we did readily of Committees, and only had report to the Children things from a fingle Constrient, because the might become a legislature Wide. Schown bud you Wires and you Constrient with the Committee we or three thousand Committees in the Patiest. The Emperor of Cristo has foundations we were thousand Committees in the Patiest. 2014. Committees, and in the Equipment of Openson.

Dersus was followed in his Army by 545 Consultures, at in the Equippes of Queens. CONCUPISCENCE, among Divines, an Irregular Defice, Appetite, or Lott after divers. Things, inherent in human Nature ever fince the Fall. F. Middlermod defines Concupifornee, on his System, to be a natural Effort, which the Traces or Impections of the Brain make on the Mind, to strate hit to feetible Phings. The Dominion or Prevalency of Concupifeence, according to

The Dominion of Prevalency of Conceptiones, according to him, is what we call Original Sin. See Opanana Sin. The Origin of Conceptions of the British of the Impre-tion made on the Brain of our fift Parents at their fall, which are fill transmitted and continued on those of their

CONDEMNATION, the Act of paffing or prenouncing Sentence, or giving Judgment against a Man; whereby he is subjected to some Penalty or Punishment; either in respect

Fortune, Reputation, or Life. See SENTENCE, and Pu-CONDENSATION, the Act whereby a Body is render'd more denie, compact, and heavy. See Dissarre, Geeach control of the design of the control of t

of confequence their Cohefion. See RAREFACTION. Welfins, and some of the more accurate Writers, resirain the afe of the Word Condensation to the Action of Cold : what is done by external Application, they call Compression.

See COMPRESSION.

See Coursassione. All readily consequents, either by Cold, or by Art : Woter congoeth, but never condensity, can never be body, even foodile.

A Symp confergit in Ebullition.

A Symp confergit in Ebullition.

It was food, in the Otherwatery of Protoc, during the great Cold of the Yerr 1979, that the buildin Bodels, even the Cold, and become much barber and more britter than before; till their former State was rettieved by the Cold, and become much barber and more britter than before; till their former State was rettieved by the Confing Thurs. See Fason.

Tituse, See Fasors. Weter alone Genus to expand by Codi; inclinuch as when congozil, the Ice takes up more figure than the Water become the congozil, the Ice takes up more figure than the Water become foreign Matter expanded to the confidence of the Matter alone foreign Matter as the returned of the ambient alone foreign Matter as proper Rateficilities of the Water by the Codi. See Cocks, and Seatzer 100.

Vacuum, deep any facth thing as proper Condensition, or Rateficilities. According to them, when a Edoly take up more facts than it did before, in Parts are distincted by the International transferred into 16 feet care. And when a International transferred into 16 feet care. And when the Intrunon or a mortin water or its rores; And when its bulk, again, is reduced into less Space, this is owing to the Extrusion or Egres of that Matter thro' the same Pores; by virtue whereof, the Parts of the Body, the nor the Parts of Matter, come nearer each other. For as Extension and Matter, come nearer each other. Matter, according to them, are the fame thing; a Body can never take up more or lefs place, any otherwise than by the Accession or Diminution of Matter: And thus they conrlude there is no Vacuum Now, that, in the Rarcfactions of groß Bodies, their Parts

Now, that, in the fixerencions of gross pomes, then takes are differeded by the accession of Air, is frequently manifold; but this does not follow from the Plenitude of the World, but from the fluid and classick Nature of Air; or from its

but from the hard and contact Addition of the for from its Gravity and Preflure. See Mattes, Vacuum, &c. That there is fach a thing as Condenfation, without the Loss of any Matter, is evident from Galileus's Experiment: Lofs of any Matter, is evident from Galileus's Experiment: A Cock, being with a female Seree Mitted to a holiow brais Bail, or Cylinder, so as a Syringe, by means of a male Seree, may be applied to it is by weeking the Syringe, the Air will be forc'd into the Ball, and turning the Cock, will be retained a informent, that upon the examining the Velfel by the Balamo, its weight will be found increased. If the Cock be

re-turn'd, the Air will barft out with violence, and the Ball fink to its former weight. From the Experiment is follows, first, that Air may be crouded into a left Volume and Balk than it ordinarily takes

up, and is therefore compressible. For the Quantity of us Compression, see Compression.

adly, That from the Recovery of its weight, just so much adity, That from the Recovery to no weight, just so much Air is expell'd as was injected; and that, therefore, compressed Air returns to its primitive Expansion, if the compressing Force be removed; and has therefore an elastick Force, Soo

ELASTICITY.

3dly, That 'tis a certain Sign of Compression, if, upon opening the Orifice of a Vessel, any portion of sir be ob-

opening the Carlot of the Veffel is increased by carlot of the Veffel is increased by alphy, That fince the Weight of the Veffel is increased by injecting Air; the serial Mais must have a Nifus downwards.

A Mais and a three-figure has a mais a three-figure has injecting III; the serial axis mult have a Nijis downwird, in Lines perpendicular to the Horizon; and is therefore heavy, and prefiles fullped Bodies in Lines perpendicular to the Horizon; according to the Conditions of Gravity. See Gra. VITY.

Condens'd Air, has Effects just opposite to those of rare-fy'd Air; Birds, &c. appear briker and more lively theren than in the common Air, &c. See Vacuum, Rarefac-

than in the continuous arrives, 5%.

CONDENSER, a pneumatick Engine, whereby an usurivest quantity of Air may be creaded into a given Space.

They can throw in 5, 4, 5, or 10 Atmospheres into the
Condenfer, i.e. twice, thrice, force, 5%. times a much hit
as there is in the fame compais without the Engine. See

CONDERS, or *Huers*, in our Cufforms, are Perfors who fland on high Places near the Sea Coaft, in time of Herning fishing, to make Signs with Boughs, &c. to the Fishers which way the Shoal of Herrings passes: their Course being more discernable to those who stand on high Cliffs, by most more differentable to these who thand on high Cliffit, by mous of a blue Colour they cause in the Water, than to those aboard the Vessels. See Herring Fissels.

They are also called Balkers, Directors, &c. CONDITION, in the Civil Law, an Article of a Treat, or Contrast; or a Clause, Charge, or Obligation, slipalated

in a Contract; or added in a Donation, Legacy,

ment, &c.

ment, &c.

The Dance does not lofe his Donative, if it be chard
with any difficacit or impedible Constitues. The Defice
diffingaint three Kinds of Constituent, under which a Legacy or Donation may be made: the Cofunt, which depend
mercly on chance; the Proeffective, which is abduledly is
our Power; and the Misst Condition, which is both Calial and Potestative together.
Condition, in Common Law, is a Manner, Quality, or

Refliction, annex'd to an Act; qualifying or fulpending the fame; and making it precarious and uncertain, whether or no it shall it take effect.

no it flust it take cateer.

In a Leafe there may be two forts of Conditions, Condition collateral, and Condition annex'd to the Rent.

Collateral Condition is that annex'd to a collateral or foreign Act; as, v.g. that the Leftler field no go to Pavis.

Condition is also divided into Condition in Deed, and Condition implied. Condition in Deed, is that knit and annex'd by expeds

Words to the Feoffement, Leafe, or Grant, either in writing or without: As if I infectio a Man in Lands, referring a Rent ro be paid at fach. a Feath; spon Condition, if the Feoffee fail of payment, it shall be lawful for me to re-cater. Condition implied, call'd also Condition in Law, is

Consistent traperer, can a uso Constitute in Lawn, a ware a Man genus to another the Office of a Steward, Bailing Keeper of a Park, etc. for Life: the there be no Conditive experted in the Grant, yet the Law makes one coverty; which is, if the Grantee do not julily execute all Things belonging to his Office, it falls be lawful for the Grantee.

ancourge num.

A Construction evisions which, fine que non, is ufed in
Philosophy, in speaking of some Accident or Circumstance,
which is not effential to the Thing, but is yet necessary to
the Production.

Thus, Light is a Condition without which a Man can't fee Objects, tho he have good Eyes; and thus Fire, the confi-der'd in it felf it may burn without Wood; yet is its Pro-

Objects, the he have good Eyes; and thus I ire, the ceni-deed in it fell ir my beam without Wood; yet is it is Ter-fence a Condition environ which the Wood earth be bard. CONDITIONAL, femething not addiscre, be fellyed: The CONDITIONAL, femething not addiscre, be fellyed: The Thirty we fay, Contained Conditional Conditions are compelled. The Right of Compete does not impose any conditional Condition to the Part of the Replit. The Aranitom Divince unduring, that all the Diverse of Code, relating to the Sulvanion and Damastine of Mas are conditional is and the Colonnal, that they are architects.

DECREE. DECREE.

In Logick, we fay, Conditional Propositions admit all kinds of Contradictions, v.g. If my Transalpin Mule flew; my Transalpin Mule had Wings.

CONLI

CONDITIONAL Conjunctions, in Grammar, are those which Conference to make Propositions Conditional 1 as, if, unless, troferve to make rioponitions constronal; as, if, unasi, pro-unded that, in case of, &c.
Conditional Propositions, are such as consist of two
Parts, connected together by the conditional Particle if. See mided that in each

Parts, connect

Of thefe, the first, wherein the Condition lies, is called the Ansaeadant and the other the Confequent. See ANTREE. Antecedent, and the other

Thus, if the Soul be spiritual, it is immortal; is a condi-tional Proposition, wherein, if the Soul, &c. is the Amere-dent, and is immortal the Consequent.

stead Preparents, Western, or jet to slow, exc. is the caneer.

In Theology, we call the Knowledge which God has of Things, conflict, in at scording to the Hillings, which God has of Things, conflict, in at scording to their Hillings, the Conflict, in the Conflict of th

Kon-ledge of Cauditinate depends on a proleterminating Decrea Others deap it.

F. Deniel oblivers, that the Truths which compole the Knowledge of Candinates, locity or politicent from those Knowledge of Candinates, locity or politicent from those the Candinates, and the control of the Candinates, and that of Undertunding, a Knowledge of Institute, Institution, and Candinates, See Known 2002.

CONDOM/MATTS, Religious Schulers, whereof these Matthews and Candinates of Candinates and Candinates, in the Matthews of the Candinates of the Candinates of the Matthews of the Candinates of the Candinates of the Candinates of the Matthews of the Candinates of the Candinates of the Candinates of the Matthews of the Candinates of the C

XIIIth Century; their Leader a Native of Toleda. They held their Meetings near Colegons; where they are flid to have need'd Anfwers and Oracles from him: The Legend adds, that an Ecclefiatick having brought the Eachstrift to it, the Idol boke into a thousand Pieces; which put an end to the

Worthip.

They had their Name from their lying all together, Men and Women, young and old.

The other Species of Condormantes, were a Branch of Anabaprifts in the XVIth Century; 6 called, because they lay, feweral of both sexes, in the firme Chamber; on pretence of Evangelical Chairty.

nce of Evangelical Charity.

Safe-CONDUCT. See SAFE-Conduct.

Soft-CONDUCT. See SAFE-Conduct.
CONDUCTOR, a Surgeous Inflrament, which being
put up into the Bladder, ferves to conduct the Knife, in the
Operation of cutting for the Stene. See Larrerovav..
CONDUIT, a Canal, or Pipe, for the Conveyance of
Water, or other fluid Matter. See Tons, Efe.

In the Earth are leveral lighterraneous Conduits, thro

In the Earth are feveral fabreraneous Conduits, which the Water plat that form the Sources of Species and throw which also pais the Vapour, which form Metals and the Vapour, which form Metals and the Vapour, which form Metals and Artificial Gastaint for Water, are made of Lead, Stone, cril Iron, Pottery, Eds. See Fars, and Prawstart.

In the Province of New Monaco, there is faid to be a fabreraneous Cheduit, in form of a Gentre, extending 500 Miles in Nemb & De Peer.

CONDYLOMA, in Anatomy, the knitting of the Bon

CONDYLOMA, in Anatomy, the knitzing of the Bones together in a Josephero at Arcitation in from the Greek xis-bash, fauiltare, Fainitz, Josephero at Control of the Fingers, popularly called Knutkles. See Finesa.
CONPILIONA, in Medicine, is a 6th, pointed Temor, of the Octematous kind, atting on the incernal Coar of the Colematous kind, atting on the carry, or in the Nock of the Matrix. See OEDEMA.

Martix. Sec URENAA.
By long continuate or grows fleffly, and flooring out as from a still, takes the Denomination First. See Excess. As a still, takes the Denomination First. See Excess. The Continuation of the Continuation of

der to facilitate and compleat the Care. The Word comes from zordune; in regard the Condylomes has ufually Roge, or Wrinkles, like the Joints of the Body. CONDYLUS, a Name Anatomiss give to a little round Eminence or Protuberance at the Extremity of a Bone. See

BONE.

Such is that of the lower Jaw, receiv'd within the Catity of the Os Petrofum. See Maxilla.

When this Eminence is large, 'tis called the Head of the

When this Immence is sarge, the cauca the recas we use Bone. See Bonz.

The Word comes from the Greek unbado, Striele, Joint. CONE, in Geometry, a floid Body, having a Circle for its Buss, and comminated a top in a Faint, or Vertex. See Tab. Conicks, Fig. 2. fee alfo Sozin.

The Case is optionated by the Motion of a right Link, K.L. roand an immorable Feins K., called in Ferres, assets K.L. roand an immorable Feins K., called in Ferres, asset may be conceived as generated by the Revolutions of the angle K.L.M., about the right Line K.L., which is called the sagle K.L.M., about the right Line K.L., which is called to H. H. A. L. R. L.

contracted:

contracted:

Emild defines a Gare a faild Figure, whole Rofe is a Gircle, as CD, (Fig. 5) and is produced by the centre Rerolation of the Fine of a right-angled Triangle C A B, about
the percendicular Leg. A B.

If this Leg. on Axis, be generar than CB, half-the Bale,
the Solid produced is an exercategold Clare: It left, an elreplication of the Rofe of the Contracted Contracted Contracted

Axis of the Contracted Contracted Contracted Contracted

is a Contracted Contracted Contracted Contracted

is a Contracted Contracted Contracted Contracted

is a Contracted Contracted Contracted

in a Contracted Contracted Contracted

The Contracted Contracted Contracted

The Contracted Contracted Contracted

The Contracted Contracted Contracted Contracted

The Contracted Contracted Contracted Contracted Contracted

The Contracted Contracted

is, a core whose faxis is at right Angles to the Dale; and to ablique ones, whose Axis is not at right Angles to the Bale.

For a more general and comprehensive Description of a To be display ones, where man is not at tigue, mages to the areas.

Care, which may the line the first plant. Belief printed and polytopic, and more where the control of the control of the Caret. B D EG, and improve a right. Line AE, and the control of the cont the Bafe, is a Cone. Properties of the Conn.

Properties of the Cont.

1. The dress where of every rejus Cone, estudies of its Bible, is equal to a Triangle mode Bible it the Perophery, and in length the like of the Cone, See TRIANSCLI.

1. The Control of the Co Hence we have a Method of describing a Rete Caroll.

Goods. Hence we have a Marked of definiting a Rate or Cage the flashing flower a Come.
Thus, with the Dismetter of the Rafe AB, (Plate Care, Fig. 6), delettle a Cliric, and produce the Dismetter and AB, determined to the Grow. To a AC and AB, determined to Name and AB, determined to Name and AB, determined to the Name and AB, and the Care AB, determined to the Name and AB, and the Care AB, determined to the Name and AB, determined

ber of Degrees of the Arch GH, and to FC; and thence determining the Diameter of the Gircle II, we shall have a Net or Cover for the truncated Cove. For CDB AE is a Net for the entire Cove; CGFIH for the Cover cut off; therefore, DBEH for the unmeated

2. Cones and Pyramids, baving the same Bases and Auttudes, are equal to each other.

Mow, this thewn, that every triangular Prifin may be di-vided into three equal Pyramids; and therefore, that a triangular Pyramid is one third of a Prifin, flanding on the

fame Base, and having the same Altitude, Hence, fince every multangular Body may be refolv'd into Hence, these every mutangular Body may be reloived the traingular ones, and every Pyramid is a third part of a Prim, having the fame Bafe and Altitude; fince a Cone may be effected an infinite-negation! Pyramid, and a Cylinder an infinite-negatir Pyramid, and a Cylinder and which has the fame Bafe and Altitude.

which has the fame Bale and Altitude.

Could. Hence as here a flictude of menjaring the SurCould. Hence are here a flictude of menjaring the SurThus, for the Solidity: find the Solidity of a Polin, or
Chulete, having the Lince Bale with a Core, or Playmid,
Sc. Paras, and Cyranyata,
Sc. Paras, and Cyranyata, the Question will be the SoBalliny of a Core, or Pyramid.

Thus, or, g. if the Solidity of a Cylinder be 605593960,
the Solidity of the Core will be bound actife4330.

whole together 455645760.

whole regether 45564,750.
As to the Mediorr of the Surface, and Solidity of a trun-cated Cone, A B CD, (Fig. 7.) Its Altitude CH, and the Diameter of its Bafis AB and CD being given, find their Circumference. To the Square of the Altitude CH, add the Square of the Semi-difference of the Radii AH, and

the Square of the Semi-difference of the Radii AH, and form the Aggregate extract the faquer theor, which will give the fide A C₁. The Semi-dam of the Peripherics, multiplied by that thing year the Superficient of the Semidis-meter AH is to the Alfridoc of the truncated Cone CH, fo in the greater Semidisment F I, to the Alfridade of the entire Care F E. This feand, fotheralt the Alfridade of the control Care CF, which will teach that of the Generales off E.G.

orr E.G.

Find the Solidity of the Come CED and AEB; fubtract
the other from this; the Remainder will be the Solidity of
the truncated Come ACDB. For the Sellions of the Cone, fee Conte Sellion. For the Ratio of Cones and Cylinders, fee Cylinder.

For the Centres of Gravity and of Oscillation of a CONE,

foe CENTRE. IGO CENTRE.

CONES of the higher Kinds, are those whose Bases are Circles of the higher Kinds; and are generated by support of the higher Kinds; and are generated by support of the property of the property of the conceived capable of being extended more or less, on eccession 3 and moved or carried round a Circle. See Circle are Const of Rays, in Opticis, included, reversal Rays which fail from any Point of an Object, on the Sarface of

a Glass. Sec RAY.

a Uslah. See MAY.

CONE, or CONN, in the Sea Language, fignifies to guide
or conduct a Ship in her right Courie. See Counex.

He that Court her, thanks aloft with a Compati before
him, and gives the Word of Direction to the Man at Helm

to floor. See STRERADE. NOW TO HEEL SEE STREADS.

If the Ship go before the Wind, or, as they call it, betwirt the Sheets, the Word is either Starboard, or Port the Helm; according as the Cander would have the Helm

put to the right or left fide of the Ship, upon which the

put to the right or left fide of the Ship, spen which the bill always goes the contary way.

If he biys, He'm a Mid-Rip, he would have the Ship of griph before the Whol, or directly between here. Sheep, griph before the Whol, or directly between here. Sheep, which was the work of the Workin of the Ship of the Workin of the Ship of the Workin of Mid of Keep your Left, full not left, Vera no more for the Larce Ship of the Vera the Whol. Have a case of the Larce Larce Ship of the Ship of the Ship of the Ship has the Ship of the Ship

Wind.
On the contrary, if he would have her fail more large, or more before the Wind, the Word is, Ease the Helm, No

More 26.

If he rick Scady, it means, keep her from geing in and out, or making Yaws, (as they call it) hewfoever the fals, whether large by a Wind 1 and when he would have her go just as the does, he cries, Keep her thus, thus, Sec. CONEARRATATION, a Cremony among the anion Remoter, uted in the Marriage of Perfons whose Children were delithed for the Henour of the Prictithood.

were delitid for the Henour of the Pricitioned.
Conferencies was the most faceof of the three mannes of
convicting Marriage among that People and the Conferencies
Flower District States and the Conference of the Conference District States and Conference Of the Conference District States and Conference of the Conference States and Conference of ten Wineston Conference States and C

throw part on the Victims.

CONTENTION, in Phermacy, a kind of compound Remedy of the Constituence of a fort Richary.

There are fore lichcanics, which hour the Name of Confederate, the Confederate, which hour the Name of Confederate, the Confederate of Confederate on Confederate on Confederate on Confederate on the Confederate on the

The Confession of Alkermes has its Name from the princi-pal Ingredient therein; which is the Kermes, or Alkermes, pal Ingredient therein's winter is the text may, & Zaner may, or Sariet-Grain. See Kramas, &c.

The other Isgredients are Pearls, Mufk, Cinnamon, Ambergris, Leaf Gold, Juice of Pippins, and Rofe-Water.

It is rank'd among the beft Cardiseks, and is frequently

For the Supplex, that of a right Gore is had by multi-plying the Periphery of the Bids into the Sids, and addending the Foodle of the Supplex of the Bids into the Sids, and addending the Foodle of the Supplex of the Bids into the Sids, and addending the Foodle of the Supplex of Supple

professo el the Confeidure of Alexemes.

The Ansarative Confeidure, novo disided in England, a composit chefty of Ansarative, whosee, the Nome: the control chefty of Ansarative, whosee, the Nome: the other Drong as Long Peper, Bulk F. Peper, and K. Krish of Myrodsham, Calmerum, C. H. is ded to parge the Bland, The Confeidure Hannels takes in Nome from that of interestor, an Arabata Psyfician. In Ingrediens are Peir, pools, Myrodsham, Agaris, Seman, Tamandho, red Rock, Minnah, Colleynth, C. Marcon and Vidolites, via clied.

Minnah, Colleynth, C. Morer and Vidolites, via clied and compression in Verinous and Vidolites, via clied.

renging of the gredit Humons and Vilidilities; its also of fone reparation in Verigios and Cancers. ONNECTOR, among the antient Rossmit, a for a Childison, hind to fight in the Amplitheners again the selfs. The Confeilers were thus called a confeients helpin, from their dispatching and killing beliefs. See Barring, rish, for the Confeilers were the called a confeients helpin, from their dispatching and killing beliefs. See Barring, which perfectled them therefore, g. d. during, rish, de-cention, where proposed in the confeience of the con-traction of the confeience of the contraction of the co

and Parabolarii. Sec PARABOLANI.

rabbteni, and Parabelarii. See PARABOLANI.
CONFECTS, or CONFITS, a Donomination given to
Fruits, Flowers, Herbs, Roots, and Juices, when boild and
prepard with Sugar, or Honey, to diffeolithem to keep; se
render 'em more agreeable to the Taite.

The configuration of the configurati The Antients only confited with Hency ; at prefent, So

a be Antients only conflicts with Hency 5 at pretent, the par immore frequently with Antie Confeit half flagar's, are those coverd with a little Sagar, to leave more of the natural Take of the Fruit. Confeits are reduced to eight Kinds, viz. Liquid Confeits are reduced to eight Kinds, viz.

Marmalades, Jellies, Pafts, Dry Confetts, Conferen Candies, and Dragees.

anaees, and 20025255. Liquid Confetts, are those whose Pruits, either whole, in seces, in grains, or in cluthers, are confited in a fluid trans-arent Syrup, which takes its colour from that of the Fruits oil'd in it.

boil'd in it.

There is a good deal of Art in preparing these well; if
they be too little sugar'd they turn; and if too much, can't,
The most esteem'd of the liquid Confest: are Flums, especially those call'd Mirable, Barberries, Quinces, Aprecas,
Cherries, Orange Flowers, little green Citrons from Medars,
Wandeld Confession C Cherries, Orange Flowers, little green Citrona from Meders, gene Caffia from the Lexents, Myrabolans, Ginger, Cloves, 15c. Mornaldets are a kind of Patis, half liquid, made of the Pulp of Prints, or Flowers, that have form confittency as Aprixon, Applets, Pears, Planthe, Quinces, Orange-Flower, and Ginger. Marmalade of Ginger is brought from the Indice by way of Hollands: 'this effecting good to revive the

"Medical by my of Halland." in efternal good to enview the natural Hear in old Mm. See Manasana. Surp Las Fellint are Juleco of feveral Fruits, wherita Sugar has been difficitly, and the whole, by being, reduced into a percry thick Castiflence; 16 ms, upon condition, and the control of the Castifle Castiflence; 16 ms, upon condition, and Quincos: There are other Julies, made of Fich, Fith, Harlforns, etc. but by are not to be kepp, being very fished to corrupt. See Junza."

by boiling, as to affume any form, when put into little Moods and dried in the Oven. The most in use are those of Goodand dried in the Oven. The most in use are those of God-berries, Quinces, Appless, Apricots, and Orange-Howen i Those of Fishaches are much efteem'd; those of Ginger are brought from the Indies. See Pass. Dry Confests, are those whole Fruits, after having been

Dry Conjects, are those whose Fruits, arter having neu-boiled in the Syrup, are taken out agalo, drain'd, and put to dry in an Oven. Dry Conjets are made of fo many kind of Fruits, that it would be hard to explain 'em all 1 the mode confiderable are Citron and Orange-Peel, Plumba, Pears,

confiderable are Citron and Orange-Feel, Flumts, Feist, Cherries, Apricots, Ec. Conferves are a kind of dry Confetts, made with Sogst, and Paits of Flowers or Fruits, Ec. the most ordinary are those of Betony, Mallows, Rofemary; of the Capillary Herbs; of Orange-Flowers, Violets, Jeffamin, Pittschols,

Citrons and Rofes.

Gimes and Rofe.

Nace, The Apothecaries, under the Title of Conferent, Nace, The Apothecaries, under the Title of Conference memberhed all kind of Conferent, both day and Biguid a Wile-the of Eleoner, Freits, Social, Norm, Siets, Lecewer, Largard with Sogge on the Trains, Social, Norm, Siets, Lecewer, Largard Sogge on the Trains and Conference and Conference on the Conference on the Intel Rocks, explaining of various Eligents and Colours, according to the Trains included within Year.

The both Candida are brought from Intel Trains, Conference on the Conference on

CON

made of fmall Fruits, or Grains, little Pieces of Bark, or odoriferous and aromatick Room, See increasing and cover d eluticious nod aromatici Rocca, fei murited and covered or write a serve para de aromatici Rocca, fei neuri des and covered or write a serve para de aromatici Rocca, fei neuri des aromatici Rocca, fei neuri des aromatici Rocca, fei neuri de la fei neuri

unlawful Act.

Confederacy is punishable, the nothing be put in execution: but then it must have these four Incidents; 1st, that
t be declared by some matter of Prosecution: as by making ir he decared by tome matter of Protecution; as by makin of Bonds or Promifes to one another: 2d, that is be make

of Bonds or Promifes to one another 1 ad, that it be malici-ous, as for unjust Revenge: 3d, that it be falle, i.e. against the Innocent: and lastly, that it be out of Court, volustary. CONFESSION, in a Civil Senie, a Declaration, or Ac-tromicedgment of fome Truth, the against the latterest of the Parry who makes it; whether it be in a Court of Justice

or out of it.

"Tie a Maxim, that ju Civil Matters the Confession is no This a Maxim, that in Civil Matters, the Carpignes is acre to be divided a but always taken entire. A Chiminal is never condemn'd on his fimple Confolium, without other condemn'd cooks: nor is a voluntary extraolicial Carpiflius admitted as any Proof. A Perfon is nor admitted to accufe himlelf, according to that Rule in Law, one auditor perior A Criminal is

Congression, in a Theological Seufe, is a Declaration of a Perfon's Sins, made to a Prioti, in order to obtain Abfolu-

tion for the fame. See Assolution.

The Remille Church makes Confession a part of the Saerament of Penance. See Penance.

ement of Penance. See PENANCE.

Conf. If n was antiently publick and general, in the Fact of the Church 4 the the Remanifis have fince after'd it, and

of the Gutterly middle Revision of the Country middle is private, and anticular.

Guife flows are to be buried in eternal filence, under Pain of the last Punishment to the Priest who reveals 'cm.

Billarmin, Valentia, and some other Reasify Controverty-

Writers, endeavour to trace up auricular Confession to the earliest Ages; and thus contend for a Point given up by the estiseft Agos 3 and thus contend for a Point given up by the reft. M. Fietry owns that the first Instance of surfacilla Confession to can meet with, is that of S. Esti, who belong grown old, made a Confession to a Prictit of all his Sine from his youth suwards.

is youth upwards.

his you'r upwrest.

The Intimes, according to Teneraire, have a kind of Confolius, and the time may be find of the Confolius, and the time may be find of the December of mixing Denail of all their Sins. The ordinary Form is in at a philaderical Order, each Lettre containing Colpied Say in the Confolius of the C and in their Prefence recites the Confession. See Lean de Midono CONVESSION of Faith, is a Lift, or Enumeration and De-charation of the feveral Articles of Belief, in a Church. See

E sarrer

The Angiburg Confession is that of the Lutherans, pre-fented to Charles V. in 1330. In the Council of Russini, the Catholick Bishops found fairs with Dates in a Confession of Faith, and observed that the Church never and to date cm.

CONFESSIONAL, or CONFESSIONARY, in Church-Hiftery, a Place in Churches, ufually under the main Altar, wherein were deposited the Bodies of deceas'd Saints, Martyss,

Confessional is also used in the Romish Church for a little Bench, or Detk in the Church, where the Confessor takes the

Confessions of the Peniteur.

CONFESSOR, a Christian who has made a folemn and resolute Profession of the Faith, and has endured Terments

in its defence.

Common of Sukkity.

According to S. Cyprian, he who preferred himfelf to Totture, or even Martyrdom, without being call'd thereto, was not call'd a Confelfor, but a Profefor. And if any out of a want of Courage abundand his Country, and became a voluntary Exile for the fake of the Faith, he was call'd Professional Country.

CONPESSOR is also a Priest, in the Remillo Church, who has a Power to hear Sinners in the Sacrament of Penance,

and to give 'em Abiolation. The Church calls him in La-tin Confifering, to diffinguish him from Confessor, which is a Name confectuted to Science.

is a Name confectated to Saitett.

The Confessor of the Kings of France, from the Time of Henry IV. have been constantly Jestin: helore him, the Denamicans and Conditions that it to Office between them. The Confissor of the Horse of Ansirto have also, ordinarily, heen Thursiniones and Cardebers, but the last Emperors

en Diminicant and Coraciers, out and the vive all taken Jefuits.
CONFIGURATION, the exterior Surface, that bounds Bodies, and gives 'em their particular Figure. See Frourt's
That which makes the specifick Difference between Bodies, is the different Confermation, and the different Situa-

on of their Parts See Rony

tion of their Parts. See Bour.

A flort, or a long Sight, depend on the different Configuration of the Crylinilline. See Cavaraturine, Sight, See Cavaraturine, Sight, See Consequent of the Planet, in Autology, is a cernia Diffuse, or Sightline of the Planets in the Zodiack, whereby they are supposed to aid, or oppole each

her. See ASPECY.

CONFIRMATION, the Act of ratifying, or rendering a life. Claim. Pretention, Report, or the like, more turn Title, Claim, P.

and indiffractible.

CONSTRANÇION, in Law, is particularly used for the
fireagehaing or homologyting an Efface of one already in
posterions of it by a vedicable Title.

Thus, if a Bilhop great his Characteriship by Patent, for
term of the Patentic's Life; this is no void Grant a yet is
it voidable by the Bilhop's Death, except its bettergathen d

by the Dean and Chapter's Cenfirmation

by the Dena and Chapter's Conformation.

CORSIMMATION, in Relectrick, is, the third Fart of an Oration, wherein the Orate materials to prove, by Laws, Reculos, Authorities, and other enems, the Trads of the Propositions advared in his Narattion. See Olaxyon Conformation advared in his Narattion, See Olaxyon Conformation and Con

The Confirmation is, as it were, the Life and Soul of the Oration: In this the main firets of the Argumentation lies.

Corner: In this the main firets of the Argumentation lies. Whence Arifietle, properly enough, calls it wises, fides. Convermentation, in Tacology, the Coremony of laying on of Hands, for the Conveyance of the Holy Good!. The Anticats call it the Pripa and Unfathens; among them it was conferred immediately after Eaptilm; and was

it was conter'd immediately after Eapelin; and was efterm'd, in forme measure, a part thereof; whence the Fa-thers call it the .steemphilimeter of Baptim. See Christon. A Among the Greeks, and throughout the Eafs, it fill ac-companies Baptim; but the Romanifs make it a diffinit

comparies Baptilm 5 but the Rememils make it a diffined independent Screment. See SACAMENT.

It appears that Confirmation has all along been ordinative conferred by the Biffore 5. Cyptram, and molt of the Fathers, Speak of it is fach Terms as imply it to have been confined to the Biffore alone; and Flettry, and most of the Moderns, from them, lay it down as a dittinguishing Classical the Comparison of the a Bifhop, that the former might baptize, but the latter alone might anoint and confirm; by virue of rheir Succel-

atone megat anount and commit, by virtue of their succei-fion to the A postles, to whom it originally belong'd. But from fome Pastages in S. Gregory, Sc. others gather, that the Pricits, on occasion, had likewife the Power of conthat the Frictis, on occasion, had incomic the Fower of con-ferming. "Its certain, among the Greek; the Frieth who baptims a file comforms: Which Prictice, Lucas Hoffennss thems, is of foods a fineding among them, that it is now generally look do on, as belonging properly and of right to the Frieth: the fome will have it to have been betrow'd by them

om the Bifhops Hence, some of the Latin Divines acknowledge that the

the Bifthop be the ordinary Munifer of Confirmation, yet, that the Priest, in his absence, may also confer it, in quality that the Friett, in ms sowine, may an country.

The Council of Romen, held in 1072, decrees, that Confirmation be confer'd faffing, both on the fide of the Giver

and Receive.

CONFISCATE, in Law, is applied to Goods forfeited to
the Exchoquez, or publich Texfury. The World is derived
from Fifths, a Humper, frainer, an Ethick, wherein the Emporter Minory alled to be layer, does it the state of the
through the state of the state of the state of the
King, when they are not claimed by my other. If a Man
indicted for finding the Goods of another, in which Cafe
they become, in collect, the superper Goods of him indebt,
the state of the state of the state of the state
that the state of the state of the state of the
following the Goods of the
following the following the
following the Goods of the
following the Goods of the
following the
following the Goods of the
following the
followi and the King shall have 'em as Confiscate: but otherwise, had be not disclaim'd them. See Confiscation.

CONFISCATION, a Legal Adjudication of Goods or Effects to the Fife, or Treatury. See TREASURY.
Thus, the Bodies and Effects of Criminas, Traitors, &c. and Merchandizes that are contraband, prohibited, or brought aboard or afhore without paying the Duties, when feiz'd, are

should or afforce without paying the Dulles, when less it, are complicated. Joint in Loue, that he who emplicate the Bulley conflicates the Effects, so the Profits of the King, or the Lord of the Fee; at the who is condemned to look has Life, mult life look his Effects. The the Lord of the Fee; at the Lord of the Lord of the Fee; at the Lord of the Lor

is to be changed by a neuge of Fire, as it was authenty by that of Water. See Dakton, Platoniffs, Epicareans, and Stoicks appear to have had a Notice of the Configgration; the wheches they frould derive it, unlefs from the facred Books, is difficult to conceive, unless, perhaps, Pheniciani, who themselves had it from the Jew

Photosiciani, who thembeves had it from the Jews.
Street May experly, Templa adversari quo fidera fideribut intervant, & count jagrante unterria una igne, quicquid
una c ed diffigito luct, arbeita. This general Difficultion
the Soicht call kondysers, Ecftyrafin. Meution of the Onfigration is also made in the Books of the Salyti, Sapheuler,
Hijdafper, Onid, Lincon, &c.
De Burner, atter R. Tadend and others, relates that the

Dr. Birnet, after I. Takisni and others, relates that the Sannet believe that the Earth will at all the partid up with heat; the Mountains melted down the Earth's whole Surface reduced to a Level, and then constant with Fire. And the Erenment of Sam do not only hold that the World fall be delived by Fire; but allo, that a new Earth faul be made out of the Cinders of the old. Various are the Sentiments of Aubus on the Subject of Various are the Sentiments of Aubus on the Subject of the Surface of the Surface of Surface and Subject of Surface and Surface of Surface of

Configuration; the Caufe wheate it is to arife, and the Effects it is to produce.

The Divines ordinarily account for it Metaphyfically; and will have it take its rife from a Miracle, as a Fire from

Heaven.
The Philosophers contend for its being produced from Na-tural Causes, and will have ir effected according to Laws of urai Caules; and will have it effected according to Laws of Mechanicks Some think an Emption of the central Fire difficient for the Purpole; and add, that this may be occasion'd feveral ways, oize, either by having its Intention in created; which, again, may be effected either by being driven into leis Space by the Incroachments of the Superficial Cold, or an increase of the Inflammability of the Fuel whereon it is del, or by harten the Restlinese of the impellioning Enths weakerd 1 wideh may happen, other from the Do-minution of its Matter, by the Confirmytion of its search Parts, or by weakering the Confirmytion of its search Parts, or by weakering the Confirm for constituent Parts of the Mash by the Excels or the Defect of Moitheau Others look for Coales of the Congression in the Ar-mosphere, and lappole, that four of the Most and the mediparts, and lappole, the four of the Most and the Confirmed Coales of the may effect it, without feeling any further. The Atthoologen account for it from a Coalestland of all the

The Aftrologers account for it from a Conjunction of all the I ne Attrologers account for it from a Conjunction or all the Planets in the Sign Cancer; as the Deluge, fay they, was occasiond by their Conjunction in Capricorn. Latly, Others have recourse to a full more effectual and

Laftly, Others have recourse to a still more effectual and flaming Machine, and couclade the World is to undergo its Configuration from the near approach of a Comet, in its refrom the Sun.

Those wandering Bodies do indeed feem

Thois wandering Boelles do lacked, from to mence, we a little, being table, both with our survivole Morits meets the Bourn and the Bourn and the Bourn wherever the Bourn wherever the Bourn where the Bourn wherever the Bourn where the Bour

Aphelion. See Daluos.
This fame Comet, Sir I. Newton has calculated, when in its Perihelion, December the 8th, was heated by the Vicin

in Parhillon, Doember the Sth, was beated by the Viciniary of the Sun, to a degree about times more hot than red het Icon is before, likewise, that it would farece be coal and the Control of the Contro nave been appetherance: but whether in the way of Flic or Water, may, perhaps, to forme, leave room to doubt: To us 'ds some; i being learce conceivable the Comet should bring any whetherent degree of hear, out of those bleak no gloss it comes from, whatever heat it might carry thirher.

CONFLUENCE, CONFLUX, the Place where two Rivers join, and mix their Waters. See Rayses. CONFLUENT, in Medicine, an Epitheta added to that Species of Small-Pox wherein the Puthules run into one another. See Shark-Pox.

ther. See SMALL-POX.
CONFORMATION, the particular Texture and Config.
CONFORMATION, the particular Texture and Config.
tence of the Parts of a Body, and their diffosition to make
a Whole: Thus, we say, Light of different Colours is reflected from Bodies according to their different Conformation. in opposition to the Cartefians, who say, that reflected Light becomes of different Colours, according to the different Colours, according to the different Colours, according to the different Colours, and Co.

Again, we fay, that the Conformation of the Members of Again, we say, that the Conformations of the Member of an Embrio, in one perfect enough to a blow of a Difficial, Convonantarious, in Medicine, is used to expert due, Convonantarious, in Medicine, is used to expert in Make and Confirmation of the Body which is peculiar to every Individual is Hence, as made Conformation signification for the Partie of the Partie of the Partie of the Parties of

many are subject to incurable Aithma's, from toe fmall a Capacity of the Thorax, and the like vitious Canfer.

CONFORMIST. See Nonconformists, and Nos. CONFORMITY

control arrive.

Creational Control arrive. See Occasional Confirming.

Creational Control in the School, a time Corporary, or

Relation of Agreement between one thing and senther; as

between the Menfare and the Thing measured; a the Objet

and the Undertheading; the Thing said the Conception

CONTRONTATION, the Allion of furting were pre
give present of each other, to differer the Truth of lear

Arrive with the type sheet differently.

The Word is chiefly used in criminal Matters ; where, it the word is enterly used to erriminal Marters 3, where, the Winneffee are confronted with the Accused; the Accused with one another, or the Witnesses with one another.

Confrontation of Witnesses, by the Civil Law, is not to be

out of Prifes CONFUSION, in its Metaphyfical Senfe, is opposed to Order; in a Perturbation whereof, Confusion confishs, e.g. when things prior in Nature do not precede; or posterior to

not follow, &c.

ware storing for all accounts of the proposal to pilled the In a Logical Scafe, Configure is expected to Dilledfeed, or Perfpicarity; and may barper, either in Work, as when miscondrul or millepily d; et in lates, as when the late of any thing picture, and the storing storing the control of any thing picture to that thing, See Ina's, and Nortes. In a Physical Scafe, Configure is a foot of Union, or Bits true by more Contiguity. Such is that between Fluid of control of the Configure of the Configure

mation. See Confirmation. The Confirmation and Confutation are fometimes cilled the Head of Contention.

the Head of Contention.

CONGR, a Licence, or Permission, granted by a Superior
to an Inferior, which gives him a Dispensation from some
Duty to which he was before oblig d.
Thus, we say, a Woman cannot obligate her felf without

Dury to which he was before ching digrams have fell without he chery or Victorice of her Halandh A Monek came by
the Convent, without the Carge of his Supprise.

For the Convent, without the Carge of his Supprise.

Conserver, with Convents, without the Carge of his Supprise.

Conserver, with Go Conventura, without he Conventuration of the Conventur

Articula Cleri Conge, in Architecture, a Moulding either in form of a Quarter-Round, or of a Cavetto; which ferves to feparate

You Members from one another.

Such is that which joins the Shaft of the Column to the Circlure, call'd allo Applyage; which, in Greek, againes Flight; the Column feeming to arife hence: By the Latest in the Column feeming to arife hence:

It is called Status, the Shift of the Column. See Ascorress.
CONGELATION, Freeze, the Adi of Singing the Finite of the International Columns of International Columns of the International Col

Rock Cryftal is ulually held to be nothing but Water con-gost of in the Mountains. See Canarata.

The Bites of Africks are mortal, by the fudden Congele-tion which they induce on the Biood, which stops its Circu-

ries which they induce on the Blood, which flops its Circu-lation. See Postow, Bloom, &c. CONGERIES, a Latin Word, formetimes ufed for a callection, or heap of feveral Particles, or Bodies, united into

CONCESTION in Medicine a Moss or Collection of Hamours, crouded together, and harden'd, in any Part of the Hamours, croaded together, and naried the in any last of the Body; and there forming preternatural Tumors. See Tumors. Congestion is effected by little and little; in which it dif-fers from a Defluxion, which is more fudden. See Darke-

CONGIARIUM, CONGIARY, among Medalifts, a Gift. or Donative represented, on a Medal.

Gift, or Donative represences, on a nacous.

The Congiary was properly a Prefer made by the Emperors to the People of Rome: Those made the Soldiers were not called Congiaries, but Donatives. See Donative.

not called Congisties, but Donatives. See Donatives.

Tiberius gave a Congistry of three hundred Pices of
Money to each Citizen: Caligula twice gave three hundred
Sefterces a head: Nero, whole Congisties are the first that we find reprefented on Medals, gave four hundred. See Sus-

The Legend on Medals reprefenting Congistries is CON-GIARIUM, or LIBERALITAS.

GIARIUM, or LIBERALITAS.

The Word comes from the Latin Congins; in regard, the first Presents made the People of Rosse constitted in Wine and Oil, which were measured out to them in Congis, CONGIUS, an antient Rosses Measure for things Li-

uid; containing fix Sextaries; equal to about a Galion and Pint Eugliff Measure. See Mx as wax. The Congins was used in England, as appears by a Charter

The Congins was uled in Engiand, as appears up a Carter of King Edunud in 948. See SEXTAN.

CONGLOBATE Glands, in Anatomy, these Glands whose Subfunce is nor divided, but firm, entire, and continuals and their Surface smooth and authorm. See Gland. They are thus call'd, in opposition to conglumerate Glands.

See CONDIGNARATE.

Complosive Giands have each of 'em an Artery should beings 'em Blood, a Vein which carries it back again, after the proper Juice has been filtrated; and feveral excretory Dufts.

Some of 'em have a Cavity in the middle, with Lymshatick Veffels, which discharge themselves into a conference, or Canal. See Lymphaticas.

phatick Vetters, was an effectively, or Canal. See Lymphaticas.

CONGLOMERATE Glands, are those which are conglomed and the conglomed and the conglomed and confidence of the conglomed and conglomed pos'd of feveral little ones; or they are glandulous Bodies join'd topether under the fame commo Such are the Salival Glands, Lachrymal Glands, the Pan-

ereas. 8%c. which fee.

The Conglomerate Glands, befides their Arteries, Veins, and Nerves, are also each furnish'd with an excretory Vessel, ra-mify'd throughout their own Substance; by means whereof they discharge the Liquors they have filtrated into Refer-CONGLUTINATION, the Act of gluing, or faftening

CONSLUTINATION, the Att of gining, or infections too Bodies together, by the Intervention of fome third, whole Farts are unchaous and tenaceous, in the Nature of a Glue, Gluten; from whence the Word is form d. See Gruza. Thus, in the Animal Occoromy, the Farts of the Body are faid to be complainmated by means of their natural Mosification. are taid to be congulationed by means of their natural Mon-ture; by the help of Bandages, as in feveral Cafes of Sur-gery; or by the Supply of vifeid Particles. In which laft Acceptation, Conglutination differs little from Accretion, or

Acceptation, Conglutination of CONGREGATION, an Affembly of feveral Ecclefisf-

CONGREGATION, as Affembly of tweeze necessaries, and to as conclines a Bod'imbhics of Cardinals. The Term is principally said for Affemblics of Cardinals. The Term is principally said for Affemblics of Cardinals. The Term is principally said for a publication and the said for the term is a constraint of the term in the said for Aggulars: The third that of Connecity; this has Power to interpret the Council of Frent: The fourth that of Conforms, interpret the Council of Frent: The fourth that of Conforms gration of Rive: The fifth that of St. Peter's Fabrick; which takes cognizance of all Camfes relating to Pitry and Charity part whereof; is due to the Church of St. Peter's The fixth that of Waters, Rivers, Rands: The Greenth of Familiars: Covers: The such that of Waters, Rivers, Rands: The Greenth of Familiars: Covers: The such that of Pamiliars is referred which of Fountains, Siree's: The eighth that of the Index, which

cramines the Books to be printed or corrected: The minth shat of the Government of the whole State of the Church: The reach the book Regemine; of which two laft, the Circuits-Neighew is chief. The eleventh that of Money: The The tenth of bone Regimine; of which two laft, the Gar-dinan Nephew is chief. The eleventh that of Manny: The twelfth har of Hilbory; wherein those who are to be pro-moted to Eisthopsicks in Buly are examind; This is held before the Pope. The thirreenth that of Confifurial Mar-ter; the Chief whereof is the Cardinal-Dean. There is allo a Congregation of Junis, which takes are of what reallo a Congregation of Almi, which takes care of what re-istes to the Subfiltence of Reme, and the State of the Church. Concaracation is also sied for a Company or Society of Religious; cannou'd out of this or that Order; and making, as It were, an inferior Order, or a Subdivision of the Order is felf. See Order, and Monastrat.

Such are the Congregations of the Oratory of Chury, &c. among the Renediction. See On a Tony, Chuny, Re.

among the Beneditini. See Oratory, Curry, Baradic-tins, Ge. Allo for Agemblies of pious Persons, in manner of Fea-termities; frequent among the Jesuits, in honour of the Vir-gin, Ge. See Frattenity.

CONGREGATION, in Physicks, is used by Dr. Grew for the COMGREGATION, in Physicis, is aided by Dr. Green for the least degree of Mixture; or that wherein the Parts of the Mixt do not confift with, or adhere to each other, but only touch in one Point. See MixTURE.

That Author declares himfelf of Opinion, that the Particles of all Fluids only touch in this manner; or that their

CONGRESS, Congressias, is used for an Assembly of commissioners, Deputies, Europe, &c. from several Courts, secting to concert Matters for their common Good.

The Congress at the Hague, which held during the Course of the War, terminated in 1697, by the Treaty of Refrack, was compoled of the Envoys of all the Princes in the Conwas composed or the 1 federacy against France

Course was it also used in an obscene Sense, for an Essays or Trial, made by Appointment of a Lay or a Spiritual chether or no a Man be impotent; in order for the diffor-

whether of no a same or important; in other for the discovering of a Marriage. See IMPOTENCE.

Neither the Civil nor Canon Law make any mention of

Neither the Givil nor Cinco Law make any mention of third of Villity by Congress: 1e had its Origin in France, from the Boldacts of a young Fellow, who in open Courts being hard prefid by his Wife, demanded the Congress. The Judge, targetsid with the Novelty of the Demand, found it could not be deny'd, as being the fareft Evidence ACC of Sold Design of the Congress of the C the Cafe could admit of In time it became a Branch in their Juriforudence, and

an time it occame a Branch in their jurilprudence, and was authoris'd by Decrees and Arrets. It obtain'd for about the Space of 120 Years, and was annull'd by an Arret of the opinion of 120 fears, and was small a by an Afret of Parliament in 1617, as being found precatious; fome having fail'd under the Experiment out of mere Modelty and Shame, which is found to have the fame Effect with actual Impotency. CONGRUITY, or CONGRUENCY, in the Schools, a mirableness or Relation between Things; whereby we come

Saitableacti or Relation between Things; whereby we come at a Knowledge of what is to come to past sherels.

The Syliens of Congruisy in Matters of Grace consists in this; that God, who knows perfectly the Nature of Grace, and the Dispositions of the Will in all the Circumstances. and the Disponsions of the Will in all the Caramanace, that shall beful a Man, gives Graces, wherewith, by Vir-tue of their Comprains with the Will of Man, consider'd in those Caramstances, Man will always infallibly, but not nethe in their Coremitances, Man will always infallibly, but not ne-ceffarily, do, what God would have him do: In regard, the Will, in the Language of the Congruift; does always infal-libly, the voluntarily, follow what appears belt.

CONGRUITY, in Geometry, is applied to Figures, Lines,

having the fame Terms, or Bounds.

Those Thinas between which there is a Congruity, are

Those 'Ihings between which there is a Congraity, are equal and finnitir. See Equative, and Shintlan.

Embla, and by his Example, most other Geometriclaus, Embla, and by his Example, most other Geometriclaus, demonstrate all their Elements from the fole Principle of Congraency: M. Leibnitz, and after him Wolfins, (abilitive the Notion of Similitade in lieu of that of Congruency. See SIMILITUDE.

Coscarity, in a lax Senic, is alfo us'd to expects an Ap-titude in fome Bodies, so unite, or incorporate, from fome fimilitude or fitnels of their Figures: as Incongruity denotes

finishted or fitted of their Figures: as Intelligency General
natural of their Surfaces to joining together.

Thus, Quickfiver will unite with Gold, and many other
Metals, but will old from Wood, Stone, Gisla, gf.c. and
Water, which will wer Sait and diffolire it, will dip off from
Tallow without adhering to it; as also from a duly Surface,
and from the Feathers of Water-Fowl.

and from the Feathers of Water, 600 Mercuty, will, 60 contact, Two drops of Water, or of Mercuty, will, 60 contact, immedizately join and coalefon; but Ohi of Taran, pour'd apon Quelchirey, and Spint of Wine and Oli of Tupponind on that, and Air over all, will remain in the fame Veffel without any manner of Usion, or Misture with each other. And the Charle hereof, in, that the Figures of fome Ba-dies will not admit other Bodies near enough to be within the state of the Spint of the Spin

their Spheres of Attraction, whence they cannot join, and

Colon & Colon and Colon an

The common Interfection, then, of any Pitne with a Curle Superficie, we obleve, in celled a Curle & Cellus: A relation of the Schlou varies, and acquires a different Name, seconding to the different collisions of the curting Pitne. Per, and the pitne of the curting Pitne. Per, and the pitne of the Curle of the Curl called opposite Settions.

2 diy, If thro' the Vertex A of a Cone, a Plane DAE,

adly, if thus the Vertex A of a Cone, a Fame DA E, pulled without the Superioris strong in its in public tarting more touching it; and the Cone be again cut by a Thum pulled without the Superioris strong, it is considered by a Superioris strong, it could not a Talking, it did not a Cone in the Cone is cut called an Talking, it did not not be a Cone in the Cone is to lead the Cone is the first of the Cone is the fifth that the Cone is t em down in this fecond manner.

cm down in this found mostice.

To Groudy, it re-Order-Hint of the Ellipfa. In Ellipfa,

To Groudy, it re-Order-Hint of the Tellipfa,

then, conceive the Freduction and Numes of a na Ellipfa,

then, and the Freduction and Numes of the Particle

Flogs, show which par a Traceal B HI, then posting year

Flogs to the Tarcid, and keeping the time always in an

opul Tellifa, more the Finger road from the Point S,

By this Revolution of the Point B, is described the excee

Lip, called the Ellipfa, which differs from the Delites tone
of a Circi only in this, That a Circle hash only one Centre,

come together, in one, the ellipse Carre would become

but the Ellifist two; which, if the Points H and I housed come tegeints, into one, the cliping Carre would become Ellification of the Common Carre of the Carre of the Ellification of the Carre of the Carre of the Carre of the Points, the fame length of the Thread fill remaining a for much the further is this Figure removed from the Circular. So that seconding to the diverse Proportion of the Dillance H I to the Thread BHI, or to the Lines DK, which is engulate to the time Thread, diverse Speciol of Ellipfics will be engulate to the time Thread, diverse Speciol of Ellipfics will be

delicité de la company de la c

are removed from each other half the length of the Thread, it becomes a right Liee, both fides meeting together.

Whence allo it appears, that every Species of Ellipfes is no lefs different from any other, than the Extremes of them are different on this fide from a Circle, and on that from a right Line. It also appears from this Delineation, that if from a Point staten at stakens in the Efficial Desire. a right Line. It allo appears from this Delineation, that if from a Point taken at pleafare in the Elliptick Periphery, as the Point B, you draw wo Lines to the two central Points; thefe two Lines B H and B I, taken together, will be equal to the greater Diameter D K; and confequently, that the Sam of them is always given.

to the greatest Diameter 125.5 and consequently, must me Sum of them is always given. In the Ellipsis DFK R₂ (Fig. 14.2) the Point C is call'd the Curtee, the Points II and I the Feet, DK the greater disti, or transperf. Acit, or the principal Diameter, or Latus treesf-corform; and FR is the leffer Acit: All the right Lines passing through the Centre C are Diameter's and all right Lines terminated at the Ergiberty, and divided into two equal Parts by any Diameter, are called Ordinates. That Part of every Diameter intercepted berwixt the Vertex thereof, and the Ordinare as M.y., is called the Abaifs thereof. A Line drawn from the Vertex of the Diameter,

cobere i bar where sheft Firef of Ingues will be them appunded in the Collinst them. A Binnette properly the Collinst the Collins the Collins

1. The Ordinares of every Dismeter are committate to be parallel to each other.
2. The Ordinares of the Dismeters or Axes are perpendicular on the Axes themselves but the Ordinares of the relief the Dismeters are oblique to their Dismeters; and in Ellipse the Dismeters are oblique to their Dismeters; and in Ellipse of divers Species, to much the more oblique, at equal DX nance from the Axis, by how much the Proportion of the greater, Dais to the lefter is the greater; Dais to in the fam. greater Axis of the letter is the great, but in the lime Ellipfis, fo much the more oblique, by how much the more remote the Diameters are from the Axes.

3. There are only two Conjugate Diameters, which are equal each to other; evs. those whose Vertices are at equal Distances from the Vertices of the Axes: Thus, the Disequal each to certary was, those whose vertices are a requal Diffrances from the Vertices of the Axes: Thus, the Dis-meter VT is conjugate, and equal to that other GM; where VF is equal to MF, and VD equal to MK. 4. The obtule Angle VCM of these two Dameters,

A. The obsule Aegle VCM of these two Datmeter, which are conjugate and equal, is greater and the acute agle V CG is less than every other Aegle contribilly the retir of the Diameters that are conjugate to each other, it is not to be a superior of the Diameters that are conjugate to each other.

5. If the Lines is P and B be Semi-ordinate to any piace of the Semi-ordinate to any piace.

reit of the Diameters that are conjugate to each other; x_i of the Lines y_i and y_i be the embediants to up the y_i of the three y_i and y_i be the embediant y_i because the Square of the Semi-ordinate y_i y_i at the Reflungh y_i y_i y_i of y_i that y_i p_i y_i and the Reflungh y_i y_i y_i of y_i that y_i p_i y_i and the Reflungh y_i y_i y_i of y_i the Reflungh y_i y_i

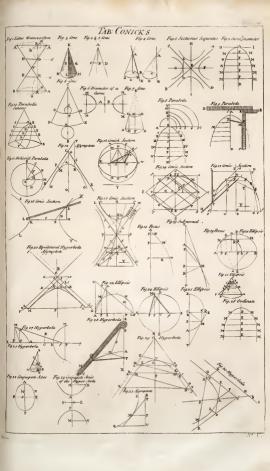
Team Rellium of M.G. From which Boyled, et No. 16, this Section hash in Name. It was the 50 Higner, yet does 18, if the name B Hand B Is to the Revi, the Same of them will be equal to the greater Ast, a was flowed above And it day Angle I D II, corrept-booked by those Linux, be to the Tanger V b in the Fallin S Hat is, in the Carre in the Falls of Coment. So and the Same I was the Angle I and the Same I was the Angle I and the Same I was the Angle I and the Same I was the Fallin S and the Fallin S and the Fallin S and the Same I, form the Game K, it and to did in the Four K; lead of all in the D and means in the Falling S and the Fallin S and t

16. The vanishing Subrente of the Angue of Context, Parallel of the Distance from the Foest, at an equal perpendicular Interval from that dilhance, always remains given an unvaried in the fame Ellipsis, yea, and in the fame Parabola, and Hyperhola too. Thus if d Z be always given, 3d

bolls, and Hyperbols noo. "Thui if Z L be always given at all owl that ways remain given in a diffuse intention that 11. The Area of the Elliphis is to the Area of the Circle (creamforth), as the lefter Aris is to the generaty and for all correlpositions form whatforcer among themselving, as all correlpositions form whatforcer among themselving, as all control of the control of the control of the Aris of the greater and for any and the found Proportion is not by the climbic Ferner Proportion is not with and the left Aris on the greater. And we are to readin in the fame mumore concerning a Or cle mixth of the lefter Aris to the greater. And we are to read in the fame mumore concerning a Or cle mixth of the lefter and the support of the control of the mixth of the lefter and the control of the mixthesis of the mixthesis of the control of the mixthesis of the mixthesis of the control of the mixthesis of the mixth

che interval in an Ellipfia.

11. All Prantigerms deferried about the conjugate Dameters of the Ellipfia, and comprehending the Eulipfia Conference of the Ellipfia, and comprehending the Eulipfia defeat of the Conference of the Ellipfia defeat of the Conference of the Ellipfia defeat of the Ellipf





DHB, proportional to the Time; the angular Motion KIB about the other peers i, will be almost proportional to the Time, and confequently without any notable Acceleration or Retardation, and nearly equable; that is to fay, where the Ellings doth not differ much from a Circle.

or Redmixtine, and nearly equality; that is to key, wence the Linjub do hen or differ much from a Circle.

Let D1 be an infinite right Lies, and 1 Li morphisms of Linguistic role; (pr. 15) Thea, righting, in the Line D1, pr. 15) Line; and let there be taken two Threads pined together in the Pigit T, one T1, the other T1; and at a Tin fixed to be first the control T1 which here became T2, be always to finite in the fixed in the control T2 which here became T2, be always to fixed in the fixed in the control T2 which here became T2, be always to fixed in the case become T2, be always to the thread the control T2, be always to T2, but the control T2, be always to T2, but the control T2, be always the T2 which here became T2, be always the T2 which the beautiful the C2 which the

An Ordinate to the Axis thro' the Focus, is equal to the principal Latus Refilms: all right Lines or i, parallel to the Axis, are Diameters, as dividing the Lines P and KT, which are parallel to the Tangents at their Vertices, into rwo equal Varts; and they are call'd Diameters belonging to the Vertices in which they terminate, as: Proterties of a Parabola.

Treportes of a random.

1. Every Diameter, or right Line parallel to the Axis, biffects all the Lines within the Figure, which are parallel to the Tangent of the Vertical Point; which bifferhed Lines

one call'd Ordinates

are call'd Ordinates.

2. The Ordinates of the Axis are perpendicular thereto; but the Ordinates of the reft of the Diameters are oblique to their Diameters; and fo much the more oblique, by how much the Vertex of the Diameter is further remov'd from much the Vertex of the Diameter is further remov'd from the principal Vertex of the Parabola.

the practical Vertex of the Parabola, j. The Latus Reliam, or Parameter to every Diameter, is a third Geometrical Proportional after any Ablicis, and its Semi-ordinate; that is, if the Latus Reliams of the Diameter in, or that of the Vertex, i, by j; then, as the Ablicils iq is to the Semi-ordinate q k, so is that Semi-ordinate

Axis 3 and is distant from the pencipal vertex, by a quaster of the periodical form Mexims. Central Mexims. Learn Mexims. Learn Mexims. Learn Mexims. Learn Mexims. Learn Mexims of the Latest Redistra, of the Latest Vertex as Y, and 7 que he Molsin of the Diameter of the Vertex. And from the Equality of the mageina, or Comparison in the Figure, herwing the Rechangle and the Square of the Semi-redinate, without any Exects or Debtle, the Name of the Section is derived. Argain in any Diameter is

8. Since therefore the Latus Rections in any Diameter is given, the Ableiffes are as the Squarez, or in the duplicate Ratio of the Semi-ordinates. Thus, TF is to TG as

green, the Ablenthe are as the Squares, or in the despitioner. Then, Return of the Stemionitation. Then, T^2 is as T^2 or set T^2 or T^2 or set T^2 or set T^2 or T^2 or

11. A Parabolic Curve always tends more and more, in infinitum, to a Parallelifin with its Diameters; but can never arrive thereat.

12. If two Parabolas be described, with the same Axis and Vertex; the Ordinates to the common Axis will be cut off by the Parabola in a given proportion; and the Axess

comprehended by the fame Axis and Ordinate, and the re-

13. Every Parabolic Space comprehended betwint the Curve and the Ordinate, is to the Parallelogram made of the Jame Bafe and Altitude in a fubfolouisiteral Proportion: the fame Bafe and Attitude in a fabriquialteral Proposition , that is, as a is to y_2 and to the external Spacetim adjustice adjustice Properties, or as is to t. So g if t is to g if, as a is t is a fat t if t as a is t. From whether t is to g if, as a is t if t is a t if t is a t if t is a t in t if t is t in t in t. The Diffuse between the Vertex of the Anis, and the Point where any Tangers interface his, as t is equal to the Abifoli of the Anis which belongs to the Collinate spin of from t in t

pled from the rount or Contact: 00 and thus it is every where, ... All Perabelus are like, or of the fame Species; as are

16. If a Diameter be continu'd thro' the Point of Con-

atố số (Crècia.

**C. H. I. Districtor be consinued them" the Faire & G. Concle, H. I. Districtor be consinued them for the Faire & G.

**C. H. I. Districtor & G. Creen & G. Creen

that pine the Constall, a which is Districtory of the Earthbia may

likewide be underfronde of the Ellipse, and Hyperbola.

**Suppose & Grought of an Hyperbola.

**Suppose & G. Grought of A. Grought of the Arterior of the Fair of an Ellipse, in which is North be fullered A; then,

then being their one core of the fields, a Report or Thread

then, and for fair depose the Null 14; and fix the other end of

the Rope, by a Kana, ground the charlow Mill within Control

Lingsing your Elonger on the Faire E., where the Rope and

you have thereby applied, and pinend the whole Myee

to the Soufi, or Radie; the Storf having boon in the montr

with the Peter H., the Vertex of the Kange H BH, yaw will

have definited a Corre Line X BD, which is part of an

Hyperbola the whole confiling of that Cours waits' will

Carre V. D, the Produce of the Rais and Work, as near'd to

the wher Side. the other Side.

Feather, transferring the Hole, or Knot of the Rope to the Nail I, and failening the End of the Staff on the Nail H, you will deferibe another Hyperbola, vertically opposite to the former, which is altogether like and equil thereto. to the former, which is alsogether like and equil thereto. But if, without changing any hing in the Rule and Nilis, you only apply a longer Rope, you will have an Hyperbol of a different Species from the former; and if you till lengthen the Rope, you will have fill other forts of Hyperbola; till at length, making the Rope double the length of the Rate, you will have the Hyperbola changed into a right

Linc.

But if you alter the Dillance of the Nails, in the very fame properties in which you change the Dillance to train the Longth of the Rope, and that of the Sick is this Cafe you will have Hyperbolas mark'd our, which are altogether of the fame Species, but have their finitiar Parts

amogamer of the same Species, but have their finiliar Parts difficing in magnitude.

Latilty, If the length of the Rope and Rulo be equally increased, their Difference in the mean while, and the Interval of the Nails remaining the fame, into a difficient Hyperbola, either as to Species or Magnitude, will be deferible of the Nails remaining the Magnitude, will be deferible or the probabile of the Nails remaining the Magnitude, will be deferible or the Nails remaining the Nails remaining the Nails remaining the Nails Rule Na

person, camer as to Species or Juagainance, will be delerib 6, nor any other than a greater Part of the faine Hyperbola.

It must be own'd, however, that many Properties of & Hyperbola are better known from another manner of gene-It mid be owd, boever, that many Peopries of en Hypothesia relate these from another of peopring the Figure, which is a follows: Let LL and fit M, and the Figure, which is a follows: Let LL and fit M, and the Figure of the Figure (and fit M, and the Figure (and Figure)). The first of the Figure (and fit M, and the Figure (and Figure)) and the Figure (and Figure). The first of the first of the Figure (and Figure), and the Figure (and Figure) equal to every other, one Side being increas'd in the fame Proportion wherein the other is diminifu'd; By this means, Frogerious wherein the other is diminished: By this steam, the Toint De or still defeits Be curve-Line within the At-go comprehended by the first Lines; which is simposite and the still defeits a curve line with its simposite is the First liberage of the chiefeld as like and equal Hypothelis; if the First liberage mc Ce K.A. equal to the borner, be imposed to be moved, in the firme manner as before is which Hypothelis are, as was fall before, called opposite different or expedite Hypothelis. It has remarked definite third the comprehensive control of the control of the

or opposite Hyperbols's.

In each Eggere, D.K. is the transpares Axis, or transpared
Diameter of the Hyperbola of the opposite Selfman; the Point
C the Centre; H and I the Feet. In the latter Hyper, all
the Lines puffing thro' the Centre C, as i h, are Diameters:
but if Hyperbola's be defailed in the following Angles, as
K k i k.

K C M.

LCM, MCL, those Sections will be called the following Sellows: And if the Diltance of the primary Vertex of those Hyperbola's from the common Centre C, as C \(\mathcal{B}_{\text{o}} \) be equal to the Semi-tangent Kr or K \(\mathcal{E}_{\text{o}} \) as C \(\mathcal{E}_{\text{o}} \) be equal to the Semi-tangent Kr or K \(\mathcal{E}_{\text{o}} \) at the primary Vertex of thele, those Sections are called conjugates. Sellows: And all the Figures together are named the Meterbolute Set.

Sections: And an the Figure segment the Hyperbolic System.

Further, i b the Ordinate to the Axis thro' the Form, is equal to the principal Latus Ressum, or the Parameter of the Axis, and an indeterminate Diameter, which is parallel the Axis, and an indeterminate Diameter, which is parallel to the Axis, and an indeterminate Diameter, the property is called to the Ordinates of any determinate Diameter, is called the conjugate Diameter of the same.

the earlygate Diameter of the fanne.

1. Any Diameter or right Line pulling that the Centre, biffelt all in folding the pulling that these terminates of the control of the centre of the control of the centre of the control of the centre of Difference of the Angles including the Hyperbola's is the greater; and in the same Hyperbola, so much the more oblique, by how much the Diameters are remov'd from the

Act.

1. If any Lines, as 1 lb and Q_I, be Semicediantes to any Damacter wherever, as K.D.; the Square of the Semicer-barrier, and the the Square as I. I are the Rechnight of the Kellengher Square as I. I are the Square as I are the Squ

5. The Square of any Semi-ordinate, as QF, is greater than a Rechtangle made of the Abdiki DQ, drawn into the Lettus Reclima of its own Diameter, as y: And, in like manner, the Square of the Semi-ordinate b n, is greater than the Rechtangle of the Abdiki s li, into the Lattus Rectum of the Diameter b i. From which westers, as Rectum of the Diameter b i. From which westers, or Rectum of the Diameter b i.

this Soction bath its Name.

6. If from any Point of the Hyperbola, as B, (Fig. 16.) there be drawn right Lines to both the Foci, as BH, BI, the Difference of these Lines will be equal to the Axis DK; the Directrice of melt Lines will be equal to the AM DAS, as will easily appear from the Delineation it fell.

7. If the Angle B H1, comprehended by Lines drawn to the Fest, be biffeded by the right Line BB, that right Line will be a Tangent to the Hyperbola in the Toint B.

8. The right Lines LL and M M, which incide the Hyperbola to the Country of the Hyperbola to the Country of the Hyperbola to the Hyperbola

periods's, are Afymptotes of the Hyperbola's; that is, they are such, to which, on both fides, the Carve approaches near-er and nearer, but is never able to touch or coincide there-

with.

9. The Species of Hyporbolis's are various, according to the different Mignitude of the Angle L CM, comprehended by Mignitude of the Angle L CM, comprehended by Species of the Hyporboli remains anotherally also according to the clinicas's Magnitudes of the Parallelegame, by with Hyporbols are calcived, Hyporbols are considered of the Parallelegame, by with Hyporbols are calcived, and the Angle of the Hyporbols are considered of the District of the Angle of the Comprehended of the District of the Comprehended of th

by them 311, and the Spaces likewise included by the right Lines, or Ordinates, the produced Asia, and the Carrier, will be in the finne given Frorenton.

7.0. If the Dilmices from the Carme of the Hyperbols, be received by the control of the Hyperbols, be received by the Carmeter of the Hyperbols, be received by the Hyperbols, because the Hyperbols of the Hyperbols, because the Hyperbols of the Hyperbols, because the Hyperbols of the

Common Properties of all the Conic Sections.
From the whole it may be gather'd, 1st, That the Conic Sections are in themselves a System of regular Carves, allied to each other; and that one is chang'd into another perpetually, when 'it is either increas'd, or diminish'd, in infi-

Thus, the Circle, the Curvature thereof being never fo

ittle increas'd or diminified, perfects into an Ellipsis; and the Ellipsis, its Centre going away infinitely, and the Curvature being by that means diminified; its tourn'd into a Farabala: And when the Corvature of the Parabala is never rable : Ad sites the Carvatter of the Prachet and Prac

Circuit men and Culting and the site of the Section Section Courting to the durine Departed of that Carvarame.

And That the Lettin Relating of a Circle, is cleably as a control of the Child of the Ch

Sec CONSONANCE. Conjoint Degrees, are two Notes which immediately follow each other in the Order of the Scale; as Us and Re.

Sec DEGREE See DEGREE.

Conjoint Tetracbords, are two Tetracbords, where the fame Chord is the highest of the one, and the lowest of the

See CHORD CONISOR, or COGNISOR, in Law, is used in the pas-fing of Fines, for him that acknowledges the Fine. See Fine. He to whom the Fine is acknowledged, is called the Gg-

nine.

CONJUGATE Dimenter, or deit, in Conitic, as exSchies of the Cone, is a right Line biffeling the tent
vert Dimenter. See Diamers, and Gover deline.

Breath Dimenter, or Asia, biffeling the longtree of the Constance of the Cone, is a right
flower of the Constance of the Cone, is residued to the Cone
The demonstrated, sit, That there on the Trutherfic field
and the Parameter. Asia, The Square of the Congred
Axia, is to that of the Transference is the Square of the
Congred
Axia, is to that of the Transference of the Square of the
Axia, 18th, That a night Line drawn from the Feet to the
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Axia and Axia and Axia and Axia and Axia and Axia
Axia a verse Semi-axis.

Hence, the Conjugate Axes being given, the Frens is ca-filly determin'd. See Focus. And the Ellipfis thence cafely deferib'd

Conjugate Asis, in an Hyperbola, is a Mean Proportional between the transverse Axis and the Parameter. See Hy-PERBOLA.
It is thus called, because the Conjugate Axis of an Ellip

fis has the fame Ratio.

fish has the fame Ratio.

In an Hyperbola, the Square of the Conjugate Anis, is so
the Square of the Transverie, as the Parameter to the
transverie Axis. See Panametres.

CONJUGATION, in Grammar, an orderly Distribution
of the leveral Parts of Verbs, or, a different Indiction of
Verbs, made according to their different Moods and Tentes.

to diffinguish 'cm from each other. See VERB-The Latins have four Conjugations, diffinguished by the Terminations of their Infinitive, are, ere, ere, ire 3 and most of the Fronch Grammarians reduce the Conjugations of their Language to the fame Number ; ending in er, re, ir, and

our.

In English, where the Verbs have scarce any natural Inflections, but derive all their Variations from additional Particles, Pronouns, &c. we have scarce any such thing as first Canjugations. See Moon, Trans, &c.

Conjugation, in Anatomy, is underflood of a Pair of Nerro; jor two Nerres, arting together, and firving for the fame Operation, Senfation, or Motion; there being faces any Nerre without its fellow. See Narus.

The antient Physicians only knew of Seven Pairs, or Conjugations of Nerves; the Moderns have different different pairs.

of Nerves

new once. See Pain.

CONJUNCTION, in Aftronomy, the Concourfe, or Col-tlen of two Stars, or Planets, in the fame optical Point of the Heavens, i. e. in the fame degree of the Zodlack. See the freavens, f. c. in the tame degree of the Zodiack. Se PLANET, PHASIS, &c. If the two Bodies concur both in the time degree of Lor

If the two Bodies concur both in the fame degree of Lon-girade and Latitude, a right Line drawn from the Eye tho? the Centre of one of them, paffes thro' that of the other; and the Contention is faid to be true: if the lower hides the and the Conjuntition is fail to be true; if the lower hides the apper, the Computation is fail to be earlyset; and if the fame right Line, contined back from the two Centres theo the Eye, do allo pets there the Centre of the Earth, the Conjuntition is fail to be entered: If the Line pass wide of the Centre of the Earth, the Conjuntition is fail to be entered: If the Line pass wide of the Centre of the Earth, the Conjuntition is fail to be Partile: And if the Bodies don't meet precisely in the fame Degree, but are joined with four Latitude, the Conjuntition

is faid to be apparent. is field to be apparent.

Originations are also divided into gress and greategl:
Great Conjunctions are these which only happen as considerable diffusers of Time from each other; as is that of Sentral and Jupiter, which happens every 20 Years. Greately, are those which happen in Times very centor, as at that Conjunction of the three function Planets, Marx, Tupiter, and Senura, which only returns once in con Years. But in Division, and the proposed property of the property o ston of the three inperior Planers, Mars, Jupiter, and Se-turn, which only returns once in 500 Years. But this Divi-fion has little place in Aftenomy; being founded on the No-tion of the particular Influences, Etc. of the heavenly Bo-dies in fach and fach Afpects.

The Afrologers maintain, that the Deluge was owing to a Commission of all the Planers in Capricuru; and that the Conflagration will be occasion'd by their Commissions in

Concer: whonce they pretend to forced the End of the The Conjunction is the first, or the principal of all the Aspects; and that whence the other Aspects commence; as Opposition is the last, where they terminate. See Aspect, and Oppositions.

The Moon is in conjunction with the Sun every Month.

See Moor

Her Contunctions and Oppositions are called by a general

Her Conjunctions and Oppositions are called by a general Name, Sysogiet. See Svivov.

The Ecipies of the Sun never happen, but when there
is a Conjunction of the Sun and Moon in the Nodes of the
Ecipies. See Ecripts.

Conjunction, in Grammar, a Particle which expection

Edipic. See Bellipse. Conjunctions, in Grammar, a Particle which expredies a Relation, or Dependance between Words and Flatfor a thus called, because ferring to foin, or connect the Parts, or Members of a Difcourie. See Partices, Sentinger, 25c. The Conjunction is the fixth of the eight vulgar Parts of

Speech. See Sprren.
Conjunctions render the Discourse more smooth and fluent; Conjuntitions reader the Difficurfe more function and flavors, and fore very good Parpoles in the Angumentative and Naturative Style: but must rever be consisted where a Perion figest with Emerchant as only ferring to weaken and extended to the Comparison of the Conference of the C

tive Conjunitions, expects, a Relation of Union, or Compa-tion between Things, is and, et a only, tentum as union as, tautum quantum; in the fame manner as, quemaduo-dum; neither more nor left, tautundum; insilium a, quitfer; not only, but allo, Sc. non modo, fed etiam, Sc.

Conjunctions Disjunctive, expects a Relation of Separation or Division; as, neither, nec; whether, five; or, vel. Sec

DISJUNCTIVE. Conjunctions Advertative, express a Restriction, or Con-trariety; as, but, fed; nevertheless, tamen; altho, etiams;

terrety; as, out, year a neverticency, tamen; atteo, examins for from, adec non.

Conjunctions Conditional, arc, if, fi; if not, fi minus; on Condition that, so legs us; provided thus, dummedo; in call of, fi tero. See Condition.

Committions Continuative, express a Succession, or Conti-

Committees Continuative, experts a Succeifion, or Conti-nuation of the Discourse; as m officil, religible, even, etc. ams, whetever it be, quinquad fit. Committees Canals, there has the Reason of something is brought: for, name, because, quite, spering, quitpe; ster rather fitner, to amegia quo; insighumb ets, grantenus. See

Cansart.

Conjunctions Dubitative, express some Doubt, or Saspenson of Opinion; as, if; that is to say, if, &cc.

Exceptive Conjunctions, are, if is ben't, nift st; mulest

Communitions Conclusione. denote a Confequence drawn : as: Conjuntinus Concluifus, devoce a Confequence drawn; als, for civile reaften, quatropter; but then, atqui ; of confe-quence, ideoque ; b that, it a ut. &c... CONJUNCTIVA Timica, or diduta, in Anatomy, the first Coat, or Membrane of the Eye; is called, because it includes all the rest; or because it fasten the Eye in its Or-

incloses all the red; or becade it talten the Eye in its Or-bit. Sec Abasara, and Eye.

It is very fmooth, when found, of a white Colour, like
Alabafter; whence it is ordinarily called the Write of the Eye.

It is faid so have its rife from the Personnium, and be only a Continuation or Extension thereof. See Provent

The Conjunction does not invest the Globe of the Eye intire; but terminates at the Edge of the Schroties.

Serunowee It is cover'd with a Million of fine Veins and Arteries: It is covered with a Million of fine Veins and Arterics, which never appear, unlefs when the Motion of the Blood is more than utually rapid, as in Opthalmia's 5 or when the Veiffels are more full and diffended than ordinary, as in Drunkensel.

Drunkenneń.
CONJURĂTION, Magick Words Characters of Ceremonics, whereby evil Spirin, Tempeda, Ec. are Improd'
to be raivd, and driven away. See Maenes.
The Remiff Frieth preceds to expel Devils, by preparing
Holy Water in a particular manor, and fightiding it over
the polifield, with a number of Conjurations, and Executions.
See Exam crass.

Some Authors make the difference between Conjuration and Witcheraft to confit in this; that the former effects its and Witchcraft to confiit in this; that the former enects its Ends by Prayers, and Invocation of God's Name, &c. to compet the Devil to do what is defir'd; to that the Conjurer is suppos'd to be at War with the Devil, and that evil Spirit to act merely out of Confirmint: whereas the latter atrit to selt merely out of Confiraint; whereas the latter ag-minin its End by an immediate Application to the Devil him-felf and the Devil's Complatiance is suppord to be the Consequence of some Agreement between em; so that the Devil and the Witch have a good Underthanding between See Witten and

cm. See Witcherry:
Both hefts, again, differ from Euchantwest and Sovery;
in that thefe later operate feeterly, and flowly, by Spells,
in that thefe later operate feeterly, and flowly, by Spells,
Charms, Ee. without ever calling on the Devil, or having
any conference with him. See Charts, Ee.
CONNECTION, or CONNEXION, bringing, a RelaCONNECTION, or CONNEXION, bringing, a Relation whereby one thing adheres so, or depends on another.

Pacingly Proposition have face 4. Committion among them

felves, that the latter cannot fabilit without the former lives, that the latter cannot fabilit without the former.

Philosophers are at a loss so the Manner of the Counteon between Soul and Body 3 between Caufes and Efficts
6. Soe Sour, Caure, 26.

Connections, in the Drama, confilts in the joining of the

feveral Scenes together. See Scene When the Scenes succeed one another immediately; and

When the Scries Succeed one another immediately, and are fo plead as that the Stage in once left empty, the Con-stillies is tidd to be observed. See Th. actury, \$5: CONNIVENTES Patents, in Anatomy, are Winkles, or Corrugations in the inner Cost or Membrane of the two large lentillies, the Gylumum and Hums. See Diverse trans. They are formed as the Ruge of the Stomach, vice, by

They are formed as the Rugs of the Stomach, one, up-the inner Costs being larger than the outer. So Stomach. These Folds, or Corrupations, some Anatomitis imagine in some mentioner to do the Office of Valves, by furni-ning the Paffages, and consequently impeding the Mexicon of their Contents: by which means, the Labetals have the more time to imbibe the Chyle. See Lacrata, Cirttz, DIGESTION, SEC.

IMERSTICS, ESC.

CONNOISEUR, a French Term, of late used in English: It literally denotes a Person well seen and versed in any thing; being seemed of the Verb Committee, to know, traderstand.

suddriftund.

Hence it comes to be ufed in our Language for a Critick, or a Perfon who is a thorow Judge or Mailer in any way 3 particularly in Matters of Painting, 25c.

CONOID, CONOIDES, in Geometry, a folid Body, re-fembling a Cone, except in this, that inflexed of a perfect Circle for its Bofe, it has an Ellipfin, or form outher Curve approximate the control of the Cone o proaching thereto, See Cone.

The Genel is produced by the entire Circumvolution of a code Section smoul in Asia; and according to the Decembration of the Section from wherea it is generated, it is the Motion of a Parthol, it is called a Partholic Count's at the Motion of a Partholic, it is called a Partholic Count's and an Engine Cannid, or Alphrend, when produced by the Kester County of the The Consid is produced by the entire Circumvolution of

a Pine-Apple ; whence M. Des Carres call'd it Pinealis, and fix'd there the Scat of the Rational Soul. See PINEAL

Gland. Gland. CONSANGUINITY, the Relation of Kinfhip, between Perfess of the fame Blood, or sill'd from the lame Room. Murrings is published by the Chapter to the Warner Marker of the Chapter o

anguinity is continu'd to infinity

Conformation in central to infinity.

The Grillmen III Farrare Conformation, the bost on of the fame Father; in opposition to Fraries Uterrini, who are on byten of the lime Monther. See Brooks; and Brothers—According to the common Opision, the dis, and Brothers—According to the Common to the Conformation of the Conformation, and the Conformation of the Conformatio

fon incapable. fun incapable.

CONSCIENCE, Conficienties, in Ethicks, a fecret Tettimony or Judgment of the Soul, whereby it gives its Approbation to Things it does that are naturally good; and reproaches it felf for thefe that are evil. See Judgment,

Coop, and EVIL.

Or, Conference is a Dictate of the understanding Power, concerning Moral Actions; considered as it has the Know-ledge of Laws; and consequently ar conticleus of what is to be done, or not done to the Legislator. See Mora L.

In the more popular Sense of the Word, Conference is a Lamonate district time of the Word, Conference is a

Judgment, either true or falle, whereby we pronounce a Thing good or evil. This makes what we call the Inner

Forum, or Tribunal. Some Divines maintain, that Conference is infallible ; and

Some Divines maintain, that Conference is infallible 4 and hold it to be that immutable Law wherethy God will judge Men: They deny that the Underflanding can be the Source of Errors, and lay 'em all at the door of the Will. A Man, fay they, may fecure himfelf from Error, by forbearing to judge of Things till he have a clear and diffind Perception thereof. See LIBERTY.

Some of the Schoolmen diffinguish between the Confei-ence antecedent to an Action, and that confequent thereto: eave antecedent to an Altion, and that condequent thereio is The fifth, citiled antecedent Confessions, determines what is good and what evil; and confengently prefeither what is to be done, and what evil, and confengently prefeither what is to be done, and what evil of foreign the confession is a first of foreign the confession is the Confession in the Confession is the Confession in the Confession is the Confession in the Confession in the Confession is the Confession in the Confession is the Confession in the Confession in the Confession in the Confession in the Confession is the Confession in th

is fail to be rightly informed, or millakers firms, or watering, or freptolants. Occonfermity of our Affision to this.
With reliched to the Confermity of fail to be grad, or real, she
keen burn burns, Confisione is fail to be grad, or real, she
forms appropriated to Theological Mattern, codematly aftense of Confisionality, whereby they men an inner Soniment of a Thing, whereby they men an inner Soniment of a Thing, whereby they men an inner Soniment of a Thing, whereby they may be a clear and difrient Nexton. In this Sonic, hery by, has two don't know
our own Soni, nor are afford of the Entleton of our own
Thought, otherwise than by Self-qualitystic. See Exam-

TENCE.

CONSCRIPT, CONSCRIPTUS, a popular Term in the
Roman Hilfory, used in speaking of Senators, who were
called Coupeript-Fathers, Patres-Confeript; in regard their
Names were written in the Register, or Catalogue of the Schate. See Senator

Senate. See SENATOR.

Plusarch observes, that those only were properly denominated Confeript, whose Names were added to those of the Antients; as being new-created from among the Knights. Sec FATHER.

CONSECRATION, the Action of conversing or fetting CONSECRATION, the Adition of conversing or feeting agent any protince or common Thing, to a pious Parpock, agent any protince or common Thing, to a pious Parpock, and the perventing a 14 Thing for a part of a pious Parpofi, to a profisor and popular one. See Sacratine in pious Parpofi, to a profisor and popular one. See Sacratine in pious Parpofi, to a profisor and popular one. See Sacratine in pious Parpofi, to a profisor and popular one. See Sacratine in pious profisor to the pious the complexity of the pious pious

Lebent, in with Eventon.

The Casplectation of Delication of a Church, is an Epifcoal Ceremony, confiding in a great number of Benediction, with Aprends, and Uncline of Chriftin, 95°C, on the
Walls, both withinfide and without. See Churcen.

The Culton of angibraring Ferfon, Temples, Alzara,
Voluncan, Utenfis, 15°C, is very autent; and all the Coremotion theory are preferred analest to Old Law. Under the

New Law, when those Conferenciess relate to Men, and are performed by appointment of Jesus Christ, they are precept called Ordinators; a excepting those personnel to Bishors and Kings, which fill testin the Name of Conference, See Bismer, and Kings (see also Oronisarions.

Those which only could in a Geremony inflituted by the Charch, are more properly called Beneditars. See Bissachest.

When they regard Churches, Altars, Veffels, &c. they are firstly called Dedications. See Depteation.

Consecution is particularly used for the Benediction

of the Elements in the Eacharitt.

of the Elements in the Escharitt.

The Russamift's define it the Convertion of the Brend and
Wine into the real Body and Blood of Jefus Chrift; see
that this is the Sentiment of that Church, is evident from the
Fried's elevating the Hoft immediately after Conferentien, fee the People to adore it. There is a great Controverfy between the Latin and Greek

There is a great Controverly between the Latin and Greek Charches, touching the Words of Conferencies: The mon Opinion among the Remaniffs, agreeable to St. The mass and the Schoolmen, is, that the Conference of the Bread and Wine conflis in these Words, This is my Easty and the not Managard, as that the Conference of the best in any Black. The Gravite, an the course, retains their in any Black. The Gravite, and the course, retains the Change of the Blemens to a certain Prayer which key Words Test in any Bade, theirs any Black, which the Gravite the Change of the Blemens to the Proceds of the Conference and the Conference of the Conference of the Conference Month of the Conference of the Conference Construction, among McGallite, in the Correspond theory of the Conference of the Conference Construction, among McGallite, in the Correspond whereof, for under Auventucess. Herein and Respond whereoff the Conference whereoff, the the Prayer of the Conference whereoff, the Managard Herein Conference whereoff the Conference the Co

Confecratio.

ays, Conference. Thefe are the usual Symbols: yet on the Reverse of thir Autoniums, is the Authorine Column. In the Apoleofis of Empresses, instead of an Eagle is a

Peacock.

For the Honours render'd them after Death, they wen
explain'd by the Words Conferratio, Pater, Divus, ad
Deux. Sometimes, around the Temple or Altar are ps,
Memoria felius, or Memoria - Elevane: For Princelles, Edumiss, and Sideribus recepts 3 on the Side of the Head Dease

CONSECTARY, is a Proposition that follows, or is de-duced from some preceding Definitions, Lemmata, Axiom, Conclusions, or the like: Whence some chuse rather to cal

it a Confequence; and others a Corollary, &c. See Conce-

Conclusion, or the like I whence some came remortume is a Configurate, and often a Graffiller, &c. Sec Class I as Configurate, and often a Graffiller, &c. Sec Class I as Configurate, and Emerican Graffiller, or capality, and former continues to deficiency, or capality, and former continues to deficiency or capality, and former continues to deficiency or capality, or capality, and the Concession of another, on deficiency, but explained by: That is, fance Master came be without Form, is so Correspin and a nother, on of certification, but explained by: That is, fance Master came be without Form, is so Correspin and a nother, on of certification, and the control of the Correspin and a nother, on the Correspin and the Computed in the Aminat Occasion, a section of the Correspin and the Computed in the Aminat Occasion, a section of the Correspin and the Computed in the Aminat Occasion, a section of the Correspin and the Configuration of the Configuration of the Configuration of the Configuration of the Bonde is the fame namer, by the Intermediation of nervous Throsh and make a Chole theory and all the capacita of the Former of the Bonde is the fame namer, by the Intermediation of nervous Throsh and make a Chole theory and all the carter of the Towling of make a Chole theory and the part originally affelded, how remove and general the Enter originally affelded, how removed and previous the fall of the Configuration of Nerves transited to the Particle.

Places.
The fifth Conjugation of Nerves branch'd to the Para of
the Bys, the Eur, thou for the Month, Checka, "Decention, and
Para adjuscent, for, are fuppout by Naturalish no be the
"Barra adjuscent, for, are fuppout by Naturalish no be the
Hence it is, that a favory Thing feen or finely, nexits side
Appetite, and affaith the Gindash and Para of risk Moshs
that a filamenful thing feen or beard, affect het. Cocks with
Blanks a on the country, if it peaks, it addits the "Operator
day, and excites the Madeis of the Month and Para or level
to try, if it givers, affect the Check or level
to try, if it givers, affect the Check or level
to the State of the State of the State
Line of the State of the State of the State
Line of the State of the

occión Teurs, and the MacEste De Face, patting them into an Afged of criving.

In Willin, quested by the Reversed Mr. Direction, poses the Flexiture of Killings, and ins Littleth in exterior poses the Flexiture of Killings, and ins Littleth in exterior gives the contract of Killings, and ins Littleth in exterior pattern of the best of the contract of the contract

Thus, we fay, two Premifes of a Syllogism being penneed. Thus, we fay, two Fremues or a synogram using granes, the Confequence must also be granted. See Synthesism. In a more restrain'd Signification. Confequence is used for the Relation or Connection between two Propositions, wherethe Relation or Connection between two Propositions, where-of one follows, or is infer'd from the other. Thus: It is an Assimal, and therefore perceiver.

CONSEQUENT, the last Proposition of an Argument; being something deduced or gather'd from a preceding Ar-

An Entisymente only contains two Propositions, the Ante-cedent, and Sequels, or Confequent: If the Antecedent be abled, the Confequent must be fo too. See Entryment. blord, the Configurant must be to too. See Enthymem. Consequent, in a more precise Sende, is used for the Pro-ofition which contains the Conclusion, confider'd in it felf, and without any regard to the Antocodent: In which Senfe,

and without any regard to the Antecodent; In which Senfe, the Configurate the State Institute ought to be rewarded; therefore Temperance is a Virtue. See Proposarcion.

Consequent of a Ratio, in Arithmetick, the latter of two Terms of a Ratio, that the which the Antecodent is

refer'd. See RATIO, and PROPORTION

Thus, in s: b, or s to b, b is the Confequent, s the Antecedent. See Anyelepart. recedent. See ANYECRDENY.
CONSERVATOR, an Officer established for the Security and Prefervation of the Privileges granted some Cities,
Bodies, and Communities; or, a Person who has a Commission to judge of and decide the Distrements arising among

them.
In molt Catholick Univerfities, there are two Conferences: the Conference of Apobloical Firstingers, or those granted by the Pope.

The first takes congenerate of Perforal and Mixt Caufes, between the Regents, Students, 5% and the latter of Spiritual Mixture Detween Exclinibilities.

ritual Matters between Ecclesatileks.

Antiently, there were appointed Conferences of Treaties of Peace between Princes; which Conferences became Iudges of the Infractions made on a Treaty, and were

Judges of the Infractions made on a Treasy, and were charged with the procuring Satisfaction to be made. These were astally Feudatories of each Prince. In lieu of Conferentors, Princes now have recounte to other indifferent Princes to Guarantee the Treaties. See Gua-BINTER.

BANTER.

CONSERVATOR of the Peace, in our ancient Cashoms, was a Forion who had an effectal Charge, by Vitera of his Office of the Cashom Cash

The Chamberlain of Chafter is fill a Conference in that County; and Petry Conftables are, by the Common Law, Conferences, &cc. in the first Senfe.

Conferences, Sec. In the first Sende.

CONSERVATORY, in Gardening. Sec Grazu-Hospe.

CONSERVATORY, in Patramey and Confesters, a day Confict, or Form of Medicine, or Food, constried to preferre
the Flowers, Herbs, Roots, Feels, or Fraits of feveral Simplet, as next as positive to what they were when first Byhierd; and to give them an appreciable Titles. Sec Construct.

Conferves are made by beating up the Thing to be preferr'd with a quantity of Sugar; vis. a triple Quantity thereof to those which are most mostly and corruptible, and

a double Quantity to fuch as are least fo.

The Phylicians, under the Name of Conferes, commonly comprehend all Kinds of Confects of Flowers, Fruits, Roots,

comprehend all Kinds of Confects of Flowers, Fruits, Rooss, Seeds, Barks, &c. both liquid and dry. Taus, e.gr. to make Conferve of Roles, Rofemary Flow-ers, Supe Flowers, or the like 3 they pound 'em in a shoe Morter, and when pounded, put to 'em fine Sugar, in a Glass closs they dry.

Giat cloic floped up.

For Fraits, as Curriant, &c. they fet 'em on the Fire to
make 'em calt their jaice, then drain and firsin 'em, and
thicken what comes from 'em over the Fire, and add it to
the Sagar. See Passers.

CONSIDERATION, in Law, the Material Casife, the
CONSIDERATION, and without which so Contract bland. See Constract, Fart, &c.

This Confideration is either express 1 as if a Man butpoin to give ten Guiners for a Horfe : or implied, when the
Law it fell erinderes a Confideration; as if a Man coming,
into an inn, take Meat, Drink, and Lodging for himself and
Horfe, the Law pressume the intends to pay for 'em, the
there he no express Contrast between him and his Holt;
and if he distinction goot the Honde, the Holt may stop his C. See Assumpart.

CONSIGNMENT, or CONSIGNATION, the denn-CONSIGNMENT, or CONSIGNATION, the depo-firing any Sum in Money, Bills, Papers, or Commodities, in fure Hands; either by order of a Court of Justice, in order to their being deliver'd to the Persons to whom they are to their being deliver'd to the Perions to whom they are adjudg'd; or voluntarily, in order to their being remitted to the Perions they belong to, or fent to the Piaces they are

deffin'd for

deflin'd for.

CONSIGNMENT of Goods, is the delivering or making them
over: Thus, Goods are faild to be configued to a Factor, when
they are feat to him to be fold, Sc. or when a Factor feats
back Goods to his Francipal, they are faild to be configued to See Factor him. See Pacyon.

CONSISTENCE, a State of Reft, wherein Things capable of Growth, or Decrease, continue for some time at a fizzad, without either.

finnd, without either.

The Term is particularly afed with regard to Trees, for the Age beyond which they don't grow, and yet at which they don't decision. See Taxas, §6.6.

The Casiffense of the Age of an Oak, is from 50 to 10 to 10

Years of Age. Thus we diffinguish three States or Stages of a Tree; its Growth, Confifence, and Return: and these are common to all Trees, even Fruit-Trees.

CONSISTENCE, in Physicks, is that State of a Body wherein its component Particles are so connected, or intangled other See Cohesia

other. See Collesion.

Confilence only differs from Continuity in this, that Confilence implies a regard to Motion or Reft, which Continuity does not ; it being fufficient to denominate a thing continuous, that ist Pars are contiguous to each other. See

CONTINUITY.

Confifence is particularly used with regard to Bodies, con-Confifence is particularly ufed with regard to Bodies, confider d as they are more for or more hard, more liquid or more day. See HARDNESS, SOFTMESS, FERTITY, ESC. Thus, Forms of Medicine, as Electuaries, Lambattve, Bolan's, Syraps, Unguents, IC. differ chefly in Confifence.

See Electrony, Sec. CONSISTENT Budies, is a Term much used by Mr.

Boyle for fach as we ordinarily call firm, or fix'd Budies; in
opposition to fluid once. See Fixenness, Firmness, and

LUIDITY. Fluinty.

That Author has a particular Effay of the Amofibere of Confifent Bodies; wherein he shows, that all, even solid, hard, penderona, and fix'd Bodies, do exhale or emit Effavois to a certain Space all around 'em. See Armos-

PHERE, EFFLUVIA, Sc. CONSISTORY, is the College of Cardinals; or the Roman CONSISTORY, is the College of Cardinals; or the Pope's Senate, and Council.

See Pope.

See Forz.

The Conglibery is the first Court or Tribunal of Rome: it never meets has when the Force pleafs to convole it: The never meets has when the Force pleafs to convole it: The anguistic of the Force and pleafs of the Force and pleafs. There, and pleafs the Force pleafs in the Fo

The other Prelates, Protonotaries, Anditots of the Rota, and other Officers, are feated on the Steps of the Throne; the Courtiers fit on the Ground; Embaffadors on the right, and Confifterial and Fifcal Advocates behind the Cardinals,

Confiferent and Fiscal Aeroceares behind the Cardinais.
Here are pleasfol Judiciary Courle before the Prope.
Befides the publick Confiferey, there is also a private one
held in a retrial Chamber, called the Chamber of Papegary,
the Bross's Thome here being only rais'd two Steps high.
No Body is here admitted but the Cardinals, whose Opinious are collected, and call'd Genteuers. Here are full produced and public all Bulls for Bildhoppieles, Abbest, &C. See
and and public all Bulls for Bildhoppieles, Abbest, &C.

Butt.
Hence, Confiferial Bishopricks and Abbies, are faid to be Confiferial Semefact 3 in regard, they must be propored in the Confifery, the Amartes be paid to the Pope, and his Bulls taken. See Banaptes.

Balls taken. See BENNFICE.

Antiently they were Elective; but by the Concordate, which abolifies Elections, they are appointed to be collated by the Pope alone, on the Nomination of the Prince. See

CONCORDATE.

Du Campe derives the Word from Confifterium, i. e. locus

subi confifteur; mied chiefly for a Vethbule, Gallery, or

Lili Ann.

CON

Antichamber, where the Courtlers wait for Admillion; and what the Word implies, a mere founding of two or sorre actional acoustic ment of the force rune; in contraditional account of the force minimization.

**Nets together, or in the force rune; in contraditional accounts of the force rune force. The Montton of the Sounds on Manufague and a contraditional accounts of the force rune force. cilied 2 exp(f) term ambitrations.

Consurvance was allo the Name of a Court under CinBeatton, where he fat in Perfon, and heard Coulses: The
Members of this Court were called Caustier. Seem of
Consurvance of Court were called Caustier. Seem of, for a
Consurvance of the Court of Court of the Court of the
Consurvance of the Court of the Court of the
Consurvance of Court Court first, the Depth Law, is
Consurvance, or Court Court first, the Depth Law, is
Consurvance of Performance of the Court o

a Council-houfe of Fecchatited Perions, or the Piace of Ju-tee in the Eccleditical or Strivaud Court See Court. Every Archibifton and Bifton has a Confflery-Court, had before his Chancellor or Commistry, either in his Cathe-dral, in form Charel, Ifte, or Perito belonging thereto, or in form other convenient Face of his Directs, for Eccledia-tical Cutels. See Ecclassarylas.

Iteal Cuells. See ECCESSIASTICAL.

The Spiritual Court was antiently, in the Time of the Saxon, foined with the County or Hundred Court: And the Criginal of the Confifery Court, as divided from these Courts, is found in a Law of the Conqueror, quoted by my

Courts, is Lord Coke

Contra, is sound in a Law of the Conquence, quotest by my Levi NSQCA, TrON, is now of the Tixes in Reherick, whreshy the Ostate endoavours to abate and moderate the Grif of Concern of an abarbot. See P. Levi. B. In Englishman (Lawrence and Contract of the Parties. Assigner one-fident mice second my other factors, which will be contracted by the contract of the Parties. Assigner one-fident mice exceeding well, de state Parties: V. The Conflict of Conflict on Secondary of the Conflict of the Conflict of Conflict on Secondary of the Conf

6 Ellin, and can be had this from from wife or learned Perfors and Expails to papel to their common Priendflipi-CONSOLE, in Architecture, or Johnson, a Patter & Mennaper of Learner, with the projecting in a manner of a Breche, with the property of the participation of the property of the participation of the participati

Carronches; others have Drops, in the manner of Triglyphs.

Virranius; calls all those of Gates Presbyrides; of Thyrs,

Friendre alls at those of Caree Prothyrities, of Iffyers, Gen. See Province 120 at 1978 and Theologistics of the Most. See Assoc. On Capitar see frequently seed as Keye Arches, proceeding out, to impret a Visio, or other Omenmen. See New. Or content, post, See associated to the Capitar see Cap

Thus, if a Man have by Legacy usum-frustum funds, and afterwards buy the Property, or Fee-simple of the Heir; this is called a Consolidation.

this is called a Compandation.

Consocitative, in Medicine, the Action of uniting fitrospy the Frectures of broken Bones, or the Lips of a Wound, by means of conflictating Remedies, as they are called, which cleaning with a moderate best and force, raking Corruption out of the Wounds, and preferring the Temperature of the First, and the Wounds, and Peterwing the Temperature of the First, and the Wounds and Packering Transport of the Parts and Control of the Parts and

applied to the Part affected. See Wount, and Fracture. CONSON ANCE, in Multick, is ordinarily used in the fame Stafe with Concert, viz. for the Union or Agreement of two Sounds produced at the fame time, the one Grave, the other Acute a which mingling in the Air, in a certain Proporties, occasion an Accord agreeable to the Ear. See

Golecons.

Dr. Holder, on this Principle, defines Confinency, * A PerDr. Holder, on this Principle, defines Confinency, * A Perfine of ferral unable Sounds thro the Medium, frequentby making and unating in their unablated Monions cutoffee
by the well-proportion'd commendature Vibrations of the
6 feorous Bodies, and confequency parining finously, and
6 feorous and prefature or the First 3 as, on the constray, 20166 feorous Bodies, and confequency indifferentiates the
6 feorous Bodies, and confequency for the form of the constraints to unifer term differentiates the
6 feorous Bodies, and for the form of the form of the constraints on the form of form of the form o

• they past, and arriving in the Lat grating and orientee. Which Notion of a Conformance, exactly quadratees with that we have already laid down for a Concord. Accordingly, north Authors confound the two together: The form of the more Accurate distinguish 'em; making Conformance to be

other. See Succession. other. See Succession.

In effect, the two Notions coincide; for two Notes, thus play'd in couphnance, confittent a Concord; And two Notes that please the Ear io Confonence, will likewise please it.

Succession,

Notes in Confinance conflitute Harmony, as Notes in Sec-ceffion Melody. See Harmony, and Malody; for all

ceffion Metholy. See Hanasows, and Manorey to the Tener.

In the popular Seeds, Confinences are either Souther, or Compromed, See. The most pervised Confinence is United Confinence and Seeds and Seeds and Seeds and Seeds and Confinence and Confirmation and Confinence and Confirmation and Confirma

or Repetitions of thele. See Octava, Se.
Considerates, in Grammar, is underflood of like Codes,
ces, or Clodes of Words, Petiods, Se.
Componences are ordinarily Faults in Discourte, especially in
Emplify Prefer is the intellists make a Figure of 'cm, which
they call quarrisorum. Too great a Confinence in the

English Prefer to tone Learns make a right-on con, wang, they call figureshown. To operat a Conformate in the Rhymes has always an ill effect.

CONSON ANT, a Letter which produces no Sound alone, or without some other Letter cither vowel or Conformat, joined along with it. See Learnes.

And hence the Namo Conformant, q.d. que finant com

alia. A Conforant, confidering it philosophically, is nothing ele-ber the Mudification of a Sound, produced by mean of the Organs of the Voice, not a Production of a Sound if fifti Thus, v.g. the Sounds fignifyd by the Characters, etc., v.g. & are differently modifyd when we fay a, d, v.g. & are differently modifyd when we fay a, d, dis-when we by set or es, as or slap and thole Modifications use call'd Conf nanes.

The Letters of the Alphabet are divided into Vowels and Confinants, See Vower.

Confinants, again, are divided into fingle, as b bing, &c.

and double, as a in saillary, &c. corresponding to the E of the Greeks. Again, they are divided into liquid, as Irmn; and mue, as b, d, and the reit, which make no Sound at all without a

as b, d, and the reit, which make no Sound at all without a Vowel. See Luguin, Merz, So C. Confinants is that of the Hebrew Grammarians; who have been imitated thereinly the Grammarians of the other Oriental Languages. The divide the Confinants into five Claffes, with repard to the five principal Organs of the Voice a which all contribus, this true, but one more notably thin the reft, to certain Madifications, which make five general Kinds of Conformat. Each Kind, or Class, comprehends feveral Conformats, which

viz. b, c, d, f, g, k, l, m, m, p, q, r, f, t, x, x; to which there are three others to be added, era the b, the j Confensus, and v Confensus, which makes the whole Number of Confensus, Busines twenty: one whereof is Guttural, viz. the African James to wenny i one whereof is Gentrard, i.e. the Africa be 5 towe Patient, ore, as when pronounced before a, 4, and m, as in Genera, Gera, Geriglier § 2, as in Genewa 5 (Daly am, 10, 52days 8, the bernet, and 10 to 10 to 10 to 10 Dented, as e. r., i.s. 2, the three List whereof are Hillings and five Labels, § f, m, p, and Coriffonest. With regard to which Derifion, it may be observed, that With regard to which Derifion, it may be observed, that when the gast of the Research of the Resear

the the g be modify it in turn different manners, as it cours before as x, and, x = x, ver bit if ill Configurate of the late y that the j Configurate of the late y that the j Configurate of the form the y before x = x is that the such time y the vertical vertex of y in the y that y is the four y the vertex of the y that y is the form y the vertex with the x y that y is considered as the Sound of y to y the vertex of y the y that y is the y the y the vertex of y the y that y is the vertex of y in y the y the y the y the vertex of y is the y the y the y the y the vertex of y is the y the

The Abbot de Dangeau thinks the Nature of the Divi-The Abbot de Dangeset thinks the Nature of the Division of the Hebres Grammarian very recisionables but does not acquiefee in the Ditiribution they have made of 'em'. To find a natural and just Division of the Confinents, to observes, no regard must be had to the Characket that refresheat cm; nor any thing be considered but their Sound, or the Medification they give the Sound.

On this Principle, the fame Author finds five Labrid Configurate, b, f, o, f, and m; five Palatat occs, d, f, g, k, s; four Higher, i, o, j, cb; two Liqueli, i and r; two histen income mix with each other, as if, and g s; which however, is peculiar to the French Language, and the

Hapirate, if, that m and m are properly two Nifal Con-He delto, the m, a b pair'd thro' the Nofe, and the m a d, gamt 5 the m, a b pair'd thro' the Nofe 5 and in effect, is like sanner, pronounce that the Nofe 5 and in effect, receipt in a Cool pronounce barket for market, deed for

The smeary promounts of the Nobe, and in effect, present in a Cod promounts herist for market, due to Repel in a Cod promount, form a see merit, showing the Confidential Code of the Code

of the Iterams, the it of the present, etc.

That the Chinese have no r, the Ireques no Labial Constitent the Huros abundance of Aspirates; and the Arabs sett, the Hars's abundance of Alpirates; and the Arabs and designs abundance of Double Confinents; which last it owing to this, that they make feveral Organs concur femals and equality to the Modification of a Sound; where-

fone) and equally to the Modification of a Sound; where-is, in the reft, only one Organ is moved very firoughy and fieldly, and the reft weakly.
The bence afto vitible, that in all Languages the Africates, or Guntral Letters, are real Complement; inner the Threat malfair the Sound as much as the Palate, Tongue, or Lips. See ASPIRATE Laffy, to find all the Confinants that may be form'd in

are Language; there needs nothing but to observe all the Medifications that the Sound of Speech will admit of by which we shall have all the Conformants practicable.

which we shall have all the Confinents practicable.

CONSORT, in Mufick. Sec Consens.

CONSPIRACY, in Law, in taken for a Combination or

Conferency to do formething evil, or Illegal: the in the origal sense of the Word, and in its use in other Languages,

signifes an Agreement, either for good, bad, or Matters is our Statutes and Law-Books, Confpiracy, in a general Serfe, is confounded with Maintenance and Champarty. See

MAINTENANCE, and CHAMPARTY. In its special Signification, it is used for a Confederacy of two, at least, falsty to indict one, or procure one to be indic-

nd of Peleny. See Indications,

zel of Felony. See INDICTMENT.
The Penifinment of this Confidency, at the King's Suit,
The Penifinment of this Confidency,
at the King's Suit,
attenty was a that the Party attained lofe his Frank-Law;
to the End that he mayn't be impuneed on Juries, and
the Like that his Lands, Goods, and Chattels be effected, his

ale; that his Lands, Goods, and Chattels be effected a new Trees sted, and his Body committed to Prifon. Even Conferences in Cafes of lefs moment, as those of Wilsulters, roughing felling of Victual, shall be grievously possible 17 Hen. VIII.

CONSPIRING Powers, in Mechanicks, are all fuch as in Directions not opposite to one another. See Powas,

all B. Meclician not opposite to one assume. One or of war, and O. O.S.TABLE, and English C. O.S.TABLE, and the C. O.S.TABLE, and the control of the Cowan is now disided in England, but the filling in Frayer, where the C. O.G. Come Cowal of the Cowan is a control of the Cowan in the Cowan is a comparable of the Cowan in the Cowa

Henry VIII, when it was laid afide, as being fo powerful as

to become troublefom to the King. Since that time, the Conflable is only created occasionally.

Conflable is only created occasionally. From those mighty Magdiffrates, the Conflables of E. gland, are derived those instrutor energy, fines caired in Conflables of Hundreds and Franchifers, first ordained in the 13th Year of Hundreds with the part of Hundreds, which, for the Conicevation of the Peace, and View of Armour, appointed that two Conflables though the choic in every Hundred and Franchife. See Hundred, and Franchise

Franchife. See HUNDRED, and FRANCHIE.

Their are what we now call Conflabridari Capitales, of
High Conflabres; in regard, continuance of Time and increase of Franchies. Eds. have consisted debers of like mature, but inferior Authority, in every Town, call of Petig-

une, but inferior Authority, in every Town, caird Petry-Confehèles, or Sul-Confehèles, or Sul-Confehèles, or Sul-Confehèles, or Sul-Confehèles, or Guirre Manones, June Fende, Beddes their, we have Confehèles denominated from particular Bases, as Confehèle et de Tener, of Dever Capite, of the Capite of Conference, and many of Wandight-Coffite, of the Capite of Conference, and many chief of the Capite of Conference and Conference of the Capite of Wandight-Coffite, of the Capite of Conference and Capite of the Capite of Wandight-Coffite, of the Capite of Conference and Capitel C that of the Caffellani, or Governors of Cattles. See Town

ER, Ec.
CONSTAT, in Law, a Certificate given out of the Court Matter in quellion.

In it also afied for an Exemplification or Copy of the Inro.

ment of Letters Paters

ment of Letters P-tent.

CONSTELLATION, in Affronomy, an Affemblage or
System of feveral Stars, expressed and represented under the
Name and Figure of some Animal or other thing; ca.i'd also an After fin. See Syan.

The Antients portion'd out the Firmannent into feveral Parts,

or Conficulations; reducing a certain number of Sears under the Representation of certain Images, in order to aid the Imagination and the Memory to conceive and retain their Number, Disposition, and even to distinguish the Virtues which they attributed to 'em- In which Sence a Min Is faid to be born under a beppy Confletiation, i. c. under a bappy Configuration of the heavenly Bodies.

The Division of the Heavens into Confletiations is very

antient; and, for ought appears, as old as Attronomy it folf;

antient; and, for ought appears, as old as Airconom; it fulfy at leaft, it was known to the most antient Authors extens, whether facred or profine. In the most antient Book of Sch, mention is made of the Names of fome of 'em; with nefs that fulfilme Expositulation. Can't then referent the facest Influence of the Picindes, or influe the Bussia of Ori-on? I had the farm may be observed of the oded among on? And the same may be observed of the Heathen Writers Hower and Heliod.

The Division of the Amients only took in the wifile Eleent, or so truch as came under their notice . This they diffribated into 48 Cuffellations a twelve whereof took up the Zodiack: The Names they gave them are Aries, fallrin, Genini, Cancer, Lee, Virge, Lib u, Scorpius, Segit-tarius, Aquarius, Caprucerus, Pifers, from whence the Signs of the Ecliptick and Zodisck, take their Names, vino now no longer contiguous to the Chaftellations which denomi-

nate them. See Sign.

mate them. See Sion.

The other Stars, on the Northern Side of the Zodicity, were displat time as described time. See, 1973 May was dependent to the Start S of these Confesions, the fifteen last, with the greatest

Part of Argo, Navis, Centaurus, and Lupus are not visible in our Horizon.

The other Stars, not comprehended under their Genfiella-ons, yet visible to the naked Eye, the Antients called In-ranes, or Sporades, some whereof the modern Astronomera, have fince reduced into new Figures, or Constellations. See INFORMES

Thus, Howlins, v. g. between Leo and Urfa Major, makes Leo Minor; and between Urfa Monor and Auriga, over Ge-mins, makes Lyax; under the Tall of Urfa Major, Canes

mini, makes Igwa; ander the Tail of Ursa Massor, Canas Venstric, &c.
In these Constitutions, the Sauss are ordinarily diffinguished by that Part of the Image wherein they are found. Beyer diffinguishes 'em further by the Letters of the Greek Al-phabet: And many of 'em, again, have peculiar Names, as Arthurus, between the Feet of Bester; Gennia, or Gueda, in the Corona Septentrionalis , Palilitium, in the Bull's Eye, Fre a Piciedei in the Brack, and Hyades in the Forebond of the Bull: Caffer and Follow in the Heads of Gentris Cocycles, with the Head in the Short of Cocycles, with the Head in the Short of the Head, and Vindematrix in the Shortler of the Head, and Vindematrix in the Shortler of Virgits Antaria; cocycles in the Head, and Vindematrix in the Shortler of Virgits Antaria; Regal, in the Foot of Orions Advises, in the Most of the Head of Orion Andrews and the 1940 Gentry, the His In the Third Orion Orion Short of the Head of of

Almore The Greek and Ramon Poets, out of the antient Theology, give us wild and romanick Fables about the Origin of the Conficiations; which may be Gen in Higgsiers, Natalia Comes, and Riveston. Hence, fome out of a vain Zeal, attack than any Lore for the Science, have been mov'd to alter either the Figures of the Conficializions, or at leaft their

Names.
Thus, Venerable Bede, initical of the profuse Names and Figures of the twelve Confellations of the Zediack, fublitated these of the twelve Apolites; whee Example believed by Yalius Schillerus, in 1621, he completed the follows by Yalius Schillerus, in 1621, he completed the Reformation, and gave Scripture-Names to all the Confleter in the Heavens Aries, or the Ram, became converted into St. Pe-

ter; Tannas, or the Bull, into St. Andrew; Andromeda into the Sepulchre of Chrift; Lyra into the Manger of Chrift; Hercules into the Magi coming from the East; Ca-

s Major into David, &c.
Weigelist, a Professor of Mathematicks in the University Weigelin, a Profesior of Mathematicks in the University of Vergelin, and a new order of Confeliations; converting the Firmannest into a Colum Heradicum; and introducing the Arms of all the Princes in Europe, by way of Confediations. Thus, Urfa Major, he transformed into the Elephant of the Kingdom of Denmark; the Scom into the Rua with Sworld of the Major, he Confediations.

the Kingdom of Demark; the Scars into the Ruis with Swards of the Houle of Scars; Obbitants into the Cost of Categore; the Triangle into the Compaties, which he calls the Symbol of Artificers; and the Pletades into the Absent Pythogoriest, which he calls that of Merchants, Ed.

But the more knowing among Aftronomers never approved of their Imnovations; as serving for no Purpole but to introduce Quartels and Confusion into Aftronomy. The prov'd of their lanevation's a ferring for no Purpole but to landwice, Quarten and Carifolion into Atheonomy. Their landwice, Quarten and Carifolion into Atheonomy. The latest could not be fishitimeted, and likewise to keep the great? Contributiones and Uniformity between the old Alisacomy and the new, bee Carazones.

When the country and the new, bee Carazones, and the country and the new, bee Carazones, and the country and the new, bee Carazones, and the contribution of the country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Country of the Ramon European make a Part of the Ramon Europ

The Conflictations of the Raman Emperors make a Part of the Civil Law. See Civil Law.

The Conflictations of the Church, part of the Canon Law.

The Confirmations of the Section 2. Sec Cannot Law.
Some of the Papal Conflictations are in form of Bulls, others of Briefs. See Bulls, BRIFF, Ed. others of Briefs. See Bulls, BRIFF, Ed. Others of Briefs.

Applement Constitutions, are a Courcino at Kegua-tion attributed to the Apolfiles, and fuppoids to have been collected by 8. Citement, whose Name they likewise bear. They are divided into eight Books; confilting of a great Number of Roles and Percepts, relating to the Daties of Christians, and particularly to the Ceremonies and Disti-tions of the Citement.

pline of the Ch Authors are divided about their Genuineness : The generality hold them fontions, and endeavour to prove them po-iterior to the Apottolical Age, and maintain they were un-known till the fourth Century; which, if fo, flews S. Cle-ment had no hand in 'em.

moor had nahad in cm.

Mr. Hi'life has wearn'd to oppole the general Option's and with fine he had been as the second to oppole the general Option's and with his he had been as the second to the Second Warrians, dichated by the Apullies in the Neetings, written down from their Mouths by S. Colomer, and Inscaled as a warrian of the Apullies of the Meetings with the Apullies of the Meetings with the second one from their Mouths by S. Colomer, and Inscaled as a warrian second of the Meeting of the M are traced.

What makes the Constitutions more suspected by the Orthodox, is, that they feem to savour of Arianism.

Constitution, is also used in a physical Sense, for the Temperament of the Body, or that Disposition of the Whole arising from the Quality and Proportion of its Parts. S. TEMPERAMENT.

Tanyra AMANT.
Phytician have confider'd the Confittation, as depending chiefly on the Humors or Juices of the Body, and hence, as this, or that Humors was improfed to predominate, the Bile, a.g., or the Blood, Phiegm, Choler, or McTany is the Bile, a.g., or the Blood, Phiegm, Choler, or McTany is the Bile, a.g., or the Blood, Phiegm, Choler, or McTany is the Bile, a.g., or the Blood, Phiegm, Choler, or McTany is the Bile, a.g., or the Blood, Phiegm, Choler, or McTany is the Blood, Phiegm, Phiegm,

Bile, e. gr. or the Blood of a Bilious, Sanguine, Phismatic,

Perfon was demominated of a Bileous, Sanguine, Philosopher Collerie, or Mercarial Confliction. See Sanguine, The Leric, E.c. fee alio Hemour, Bile, Choller, Bloop, te. CONSTRICTION, the Alt of binding, or drawing the Parts of a Thing clofe together. See Construction, CONSTRICTION Labiorum, or Orbicularie, a Mucle

CONSTRICTOR Labsorium, or Orbicularis, a Musle proper to the Lipa. Sec. Lir.

In Fibres make a kind of Ring about the Mouth; and ferre to confiringe and draw up the Lips, as in Kiffing, &c., whence fome call it #Agfater.

This, Verbeyes will not have to be one Musle, but a Pair, whole Thipees meet and join at both Corners of the

Mouth a each acting on one Lip only, the concurrently Other Authors are unanimous in calling it one Mufile; and will have it of the Sphincher kind; the Dr. Droke and will have it of the Spaincter kind; the Dr. Drake thinks improperly: in regard, it is not like the other Sphin-ters in contain Action, but at the Command of the Will: The diftinguishing Mark between a Sphincter and another

Muscle. See Sphincter. Constrictor Palpebrarum. See Orbicularia

CONSTRICTOR Paipebrarum. See ORBITCULARIS, CONSTRICTORES Nafi, a Pair of Musices common to the Ale of the Nofe, and the upper Lip. See Nose, 5%. They arife fleftly from the Forepart of the fourth Bose of the upper Jaw, and after a first a tenen, are infered into the Roots of the Ale nafi, and superior Parts of the

upper Lip.
Their use is to draw the Alse downwards, nearer each
other; and at the same time draw the upper Lip also downwards: an Action we use in taking of Snutt, or smelling of

wards : an Adison we uit in taking of Sutti, or inclining at supplied the property, the Art or Misses of and the property of the Art of the Sutting of a favoring, or deferthing a Figure, Scheme, the Lines of a Problem, or the like. See Descarytors, Fiscust, 15c. The Equality of the Lines of fach a Triangle, 15c. in demonstrated from thet Conference on Set Production to the Conference of the Conference of the Conference of the a Losson Equation into Lines and Figures; whereby the Truth of the Real, Canon, or Equations, may be demonstra-ted geometrically. See Equations.

dratick Equations the Methods shall be here subjected a to Cubic Equations, Geometrical Confirmations are of nouls, in Practice; their Intent being better answerd by the Me-

in Practice; their Intent being better satwerd by the Me-thed of extracting Roots by Approximation. To Confirmit a fimple Equation: The whole Myther conflist in this; that the Fractions, to which the unknown Quantity is equal, be refored into proportional Terms: The Method of which will be better fiven by Example

than taught by many Rules.

1. Suppose $\alpha = \frac{ab}{c}$; then will $c: \alpha :: b: x$, to be determin'd by the Method of finding a fourth Proportional.

2. Suppose $x = \frac{ab\varepsilon}{d\varepsilon}$; let $d: a:: b: \frac{b\varepsilon}{d\varepsilon}$. This fourth Proportional found, being call'd $g: x = \frac{g\varepsilon}{d\varepsilon}$ which is therefore found as in the former Cafe.

3. Suppose $w = \frac{ax - bb}{c}$. Since aa-bb=(a+b)(s-b); c:s+b::s-b:x. 4. Suppose $x=\frac{a^{-b}-b\cdot c}{s\cdot d}$. By the first Case we find

 $g = \frac{ab}{d} = \frac{a^2b}{ad}$ and $b = \frac{bc}{d}$; Again, by Cafe z, $i = \frac{b}{d}$ and x = g - i, the Difference of the Lines g and i.

5. Suppose $x = \frac{ab}{c} + \frac{adc}{bc}$. Find, as in the preceding Case, $g = \frac{ab}{f}$, and $f = \frac{adc}{h}$. Then will x = g + f be

the Sum of the Lines g and f.

6. Suppose $x = \frac{s^2b + bcd}{c}$ 6. Suppose $x = \frac{a + b + c \cdot a}{a + c \cdot a}$. Seek $\frac{c \cdot s}{a}$, and let $f + \frac{c \cdot s}{a}$ = b; then will $af + c \cdot g = ab$; confequently, $x = \frac{a \cdot b + b \cdot c \cdot d}{a \cdot b}$. Thus is the prefent Case brought to the precent Scek eg, and let f+ eg

ling one.

7. Suppose $x = \frac{a^3b - bad}{af + bc}$. Find $\frac{af}{b}$, and make $\frac{af}{b}$ + c = b; Then will af + bc = bb. Hence, x = b

 $\frac{a^*b+bad=a^*-ad}{bb}$. Confequently, b:a::a-d:x. 8. Suppose $x=(a^*+b^*):c$. Confirmed the Triang 8. Sappose $x = (a^s + b^s) : c$. Confirmed the Triangle ABC, (Plate Algebra, Fig. 1.) whose Side AB=a, BC

5. Suppose x = _____. On A B, (Fig. 1.) deferibe a Sentercle, and therein fet off A C = b. Since the Triangle ACB is rectangular; C B = √a² - b². Let C B = x : then will x = _a²; confequently, c: x : : x : x.

then will $x = \frac{a^ab+b^a}{af+b^a}$, consequency, a : m : x. 10. Suppofe $x = \frac{a^ab+b^a}{af+b^a}$. Say, $b : a : : f : \frac{fa}{b}$; and let fa+c=b; Then will bc+af=bb. Hence, $x = \frac{a^ab+b^a}{af+b^a}$. let far bed = (a' + cd): h. Find betwist A C = c. (Fig.

a) and CB = d, a Mean Proportional $CD = \sqrt{cd}$. Let CB = d; then will DE = V(a' - cd). Call this m: then

CE=s; then will DE=v(a'-ed). C

will see 7; consequency, o in it mix.

7; Cultural a quadratic Equation Geometrically. Since
Quadratic Equations may be reduced to fimple ones, (fee
Equations) those may likewise be constructed from the
Machad already laid down: For if the Equation be pure, For two 11 flower and 3 mercure for the present on the meaning and the second of the

Convavertion, or System, in Grammar, the arranging and consting the Words of a Sentence; according to the Rules of the Language. See Grammar, Word, Sentence,

rrax, &c.

The Confirmation is generally more fimple, easy, and di-The distribution is generally more fample, cafy, and dish the modern Tongues than in the nations to we have say its of those Inversions which occasion to much Emiss and Obscarity in the Lating our Thoughts are daily differed in the fame Order wherein the Imagination ascerts 'en: The Normalive Cafe, for Instance, always people the Verb, and the Verb gose before the oblique Cales it governs.

The Greeks and Latins, M. St. Evremont observes, usually The Greeks and Latine, M. St. Euremont observes, usually est the Periods, where, in good Sense and Reason, they fault have begun; and the Elegance of their Language with, is some measter, in this capticious Arrangment, or man in this transpostal and disorder of the Words. See

Confriction is either Simple or Figurative: Simple, is the abtrein all the Terms, or Parts of the Difcourie are pletd in their natural Order.

mellabilit'd by Romalus, under the Name of Confus; in

Signifi was fome God under the Denomination or conjun-tum forgetted to him the Rape of the Schimes. The field, that it was with a View to this Rape, that he take the Ed-bildiment. This, however, is certain, that has no this reast all his Neighbours were invited y when, thing and the Charleston of the Conjunction of Secretices, he field have the Foot all his Neighbours over leavined a beautiful and advances of the Solemitties and Secretifiers, he beautiful and the Solemitties and Secretifiers, he beautiful and the solement of the Solemitties of People, he are a solement of the Solemitties of Solemitical Lind Beautiful and Solemitical Solemitical Lind Beautiful Solemitical Solemitical

Neighboar's Wives, The Confusion were of the Number of Feaths call'd So-

the Confinella were of the Number of Faces ord 4 as being conferenced on a Divinity.

Originally, their Feaths and Games were not diffinguished from those of the Circus; whence it is, Valerius Maximus

at j, the still $A = a^{-1}$. Let A = a ; then A = a ; then

nert animal used to draw the Car.

Servins gives us to underfiend, that the Confuelia fell on
the 13th of August 3 but Plutarch and Disnylius place it
in the Month of March.

In the Monch of March.

The Configured diffired from other Fessils of the fame
Delay, call of Neferandra, See Nature Malla.

CONSUBSTANTIAL, in Theology, a Term of equal
CONSUBSTANTIAL, to Theology, a Term of equal
CONSUBSTANTIAL, to Theology, a Term of equal
Subfluence with seacher. See Generance.

Thus, the Onholog believe, the Son of God to be conphiliparial with the Enders. See Training, Farriers, 85:

"He Term is brought, Confederation, was first adopted by
The Term is brought, Confederation, was first adopted by

The Form iniser®, Confubficatial, was first adopted by the Fathers of the Council of Nice, to expects the Orthodox Doctrine the more precisely, and to ferve as a Barrier and Precaution against the Errors and Subtilities of the Arians 3

Freezantion against the Errors and Subtilities of the Aprians; who own'd every thing excepting the Confublicationity. The Arians declared that the Word was God, as having been made God; but denied that he was the fame God, and been made God; but denied that he was the fame God, and of the fame Subfance with the Father: Accordingly, they exerted themselves to the utmest to aboil in the Ule of the Word. The Emperor Confination said all his Authority with the Bistrops, to have it expunded out of the Symbols; but it fill maintaind it felf, and is at this Day, as it was then, the diffingailing Circiron between an Abbanglian and on Arian

and an Arian.

Sandins will have it, the Word Confubfranial was unknown till the Time of the Council of Nice; but 'tis certain it had been before propos'd to the Council of Anticol, tain it had been betwee propos'd to the Council of Matrocti, wherein Paulus Sampfatanus had been before condemn'd; the it had there the fortune to be rejected. Coursel, on the other hand, maintains, that it was an Innovation in Doctrine

other hand, maintaine, that it was an Imnovation in Doctrane in the Coancil of Nice, to admit an Experience, the use whereof had been aboilified by the Coancil of Annoth. According to S. Arbandian, the Word Capithylanatial was only condemn'd in the Coancil of Annoth, innimuch as it contained the Idea of a pre-existent Matter, prior to the Things form'd thereof's Now, in this Senie, 'tis certain, the Father and the Son are not Capithylanatial, then always been a Father and the Son are not Capithylanatial, then having been

Father and the Son are not Conflibfinantial, there naving uses no pre-existent Matter.

CONSUBSTANTIATION, a Tenet of the Linberan Church, with regard to the manner of the Change made in the Braad and White in the Eachariff. The Divines of that Profession maintain, that after Confectation, the Eody and Blood of our Saviour are fubfightantially prefent, together with the Subfignes of the Bread and Wine : which is call'd Canfubflantiation, or Impanation. See Impanation, Transus-stantiation, Lutheranism, Sc. CONSUETUDINIBUS & Servitili, in Law, a Writ

of Right, which lies against the Tenant that deforech his Lord of the Rent or Service due to him.

CONSUL, the chief Magistrate of the Roman Commonmosleh

woulds.

The Cupilst were the chief of the Senate; they commande the Armine of the Republick, and were injection manded the Armine of the Republick, and were injection between, they had made forme table of this Bower, it was allowed, by the Paternan Low, for the Evry aggine vit to appeal forms their Thomas in one Broughe, epicicality in Cate and the Compile the Co

PRETOR. After the Romans had expell'd their Kings, they were

After the Remans had expell'd their Kings, they were governed by two Capilla; chilabilith'd in the Year of Rems ago; having their Name à confidencée. Brussis and Cellatensis were the first, elected by an Altembiy of the People: Their Office was so hold a Year; and if either of 'em died in the Courfor of the Year of their Capillars, a new one was

To be elected Confiel, it was required that the Candidate should be at least 43 Years old. The Election was held in the Month of January, in the Campus Martius; afterwards in the Capitol

in the CARDON.

Coupla's were even continu'd under the Empetors, after the Republick was definey'd: But the Office of Coupla' was here listed cife but an honourable Title; which, however, the People were fond of keeping up; as effecting it fome Remain of their antient Liberty.

It dwindled for a long time; and at last, became absolute-ly extinct in the Time of Justinian; after whom, no Em-peror either created any Confut, or assumed the Dignity

Buffi in the left in the Confider Lift, for the Year six. By this time, the Digistly was depretated in that digree, the confider Lift, the left of the Confider Lift, for the Confider Lift, the Confider of Buff, i.e. from the Ethildhomest of the Applith, and the Confider of Buff, i.e. from the Next of Rame 13-0 Confider of Buff, i.e. from the Next of Rame 13-0 Confider of Buff, i.e. from the Next of Rame 13-0 Confider of Buff, i.e. from the Next of Rame 13-0 Confider of Buff, i.e. from the Next of Rame 13-0 Confider of Buff, i.e. from the Next of Rame 13-0 Confider of Buff, ii.e. the Next of Christian Section of Table, in the Next of Christian Section Confider of Buff, in Confider

and the Indictions.

Indeed, for fome time after the Confutate of Bafil, the Years are marked thus; Poft confutations Bafilis, 12,5; Ec. See the Fafil Confutate of M. d'Alméouven. That Autor reckons 1060 Confuts, befide the fubliture Confuts, Suffetil, elected to Imply Vacanties by Death; and yet there were but 10,49 Years, and confequently only so many

Canfillates. See FASTI.

Casplates. See Fasti.
The perpenual Confidence of the Eaftern Emperors, which compose the Fafit Bizantini, commenced in the Year of Chill \$45, and ended in 686, in the last Year of Confident.
Confidentine Progenates would have the Confident integrable from the Empire; which it continued to be till the Time of Configurative Perspersaces.

In this form of Government, the Empire and Conflictes were so closely united, that the Empress Irene would needs assume the Conflictes, when she was only Regent of the

Empire. Empire.

But the French Kings, those of Baly, and the Sorazen
Frinces who commanded in Systie, taking on 'em the Title
of Confidt, as well as Emperose of Confidth, as well as Emperose of Confidthing it; the fall delpiked it, and laid it and e: fo that the Name was only
continued to the Magniferates of Some Cities, and certain
other Officers, as is flowen by F. Pegt.

other Olincers, as is fliven by F. Pegi. Under the Emperors there were Ordinary Couluit, Hono-rary Couluit, and Soffelfi; which last were also on foot in the Time of the Republick. In the middle Age, we find the Word Couful wied for Councy, Count, and Proceedil or Viconit, I evicount; as is observed by Spelman, and M. de Marca. See Count. obier'd by Spinnen, and M. de Marse. See Course.
Consur, at prefent, is used for an Officer clashifted by
virtue of a Committion from the King, and other Princes, in
the Ports and Facture of the Levant, on the Coults of
Africa, Barbary, Spins, and other foreign Countries of any
confiderable Thed; to facilitate and dilparth Baffurfa, and
protect the Merchants of the Nation. See Commerce, and FACTORY.

FACTORY.

These Commissions are never granted to Persons under the Age of 30 Years. When the Constitute is vacant, the most antent of the Deputies of the Nation are to discharge the Function thereof, till the Vacancy be filled up by the King.

Function thereot, nut the Vacaney be filled up by the King.

The Confuls are to keep up a Correspondence with the
Ministers of England residing in the Courts whereon their
Confusions depend. Their Business is to support the Courmerce, and the Interest of the Nation; to dispose of the
Sams given, and the Perfents made to the Lords and Princiated of Places, to possible about Pages (2). comes given, and the recens made to the Lords and Fin-cipals of Places; to obtain their Protection, and prevent the Inhalts of the Natives on the Merchants of the Nation. See COMPANY. There are Confuls of other Nations establish'd in the Le-

vant, especially French and Date

usur, elepetally Franch and Dutch.

Consurs are alfo Judges, elected among Merchants and
Dealers, in Pers and trading Towns chiefly in France; to
terminate, gratis, and on the Spot, without any Procefs, fuch
Differences and Demands as shall arife relating to their
Merchandizes, Bills of Exchange, and other Articles of Com-The first Jurisdiction of Confuts establish'd in France, is

that of Theloufe; the Edict of whose Establishment bears date 1549, under the Reign of King Honry II. that of Paris follow'd fourteen Years afterwards. By degrees, they were establish'd in most of the considerable trading Towns in that Kingdom.

Consul, in our Law-Books, fignifies an Earl or Count,

In the Laws of Educard the Confessor, Cap. a. it is exprefe'd, That what we now call a County, Comitatus, was by the antient Britons nam'd Confultate, Confultatus; and those now call'd Vicentus, Vicecomites, were then called Vice-

cashtis. Vide Art TATON, in Law, a Wide whereby a Casife factory temporal by Prohibition from the Rectatilial Court on the King's Court, is recurred thinker again. If the Judges of the King's Court, upon comparing the Elbet with the Suggestion of the Privy, lind the Suggestion of the Privy of the Suggestion of the Privy of the Suggestion of Casification, they decree it to be return'd again, And the With Ostation decrees it will de Confidential and the Casification of the Privy of the Privy

CONSUMMATION, the End, Period, or Completion of

any Work.
Thus, we fay, the Confirmmation of all Things; messing the End of the World. See Confirmation are failed to be confirmed and the Prophetics are failed to be con-

mmatea. See PROPHECI.
Confirmmation of a Marriage, is the last Act of Marriage. which makes its Accomplishment; or the molt intimate
Union between the married Pair. See MARRIAGE, Di-

CONSUMPTION, Tabes, in Medicine, a Difease arising from a Defect of Nourithmenr; or, a precentatural Decay of the Body, and particularly by a gradual walks of mod-

lar Flofh. It is frequently attended with an Heckic Fever; and is

It is frequently attended with an Heklic Ferrer; and is divided by Physicians into feveral Kinds, according to the Variety of its Caufes; as Univerful, or Searbatic Confine-tion, where it arifes from a Caecolymia, or Scorbatic Habit, and a Pathonic Confineration, or Confinering it be Lang, where it arifes from Gene Caufe in the Lungs, properly calls

where it arises from some cause in the Lungs, property call? a Petiblis. See Parantsis, and Sconavure.

A Confinential may either be Accidental, Natural, or Hereditary: Accidental, which may arise, 1th from Uken, Chalky Stones, or Polypas's in the Lungs; caused by Something that obfitracts the Circulation in the Polmonary Vessel. or renders the Blood vifeid; as a Suppression of any material or renders the Blood vifield; as a Supprefition of any intent Evacuations. 2d, From Intemperance, occasioning either a Caccelymia, or Plethora. 3d, From Perlyneumonies, Pleur-fies, Aithma's, Coughs, Cararrhs, Diarrhaus, Venezu-Diforders, and Excels of Venery. 4th, From Grief, bred

Ditorders, and Excels of Venery. 4th, From Grief, hed Study, 85c.

A Natural Confunction may arile from the Straitects of the Thouax, or an ill Conformation of the Fatts. An Iteradiatry one may be communicated from the Perents, without

any other visible Cause.

any other vitible Caule.

A Confirmation usually begins with flying Pains, and
Stitches, Pain at the Pit of the Stomach, or in the Eks
Pains of frequent Spirting, Ioli of Appetite, a quick Pails,
a Sweemen's or Salmeds in the Saliva, Heat and Findhings in
the Pace and Palms of the Hands after Montly, an Hotile Paver toward the Evening, Heavingh, Fainneis, Night Swean; ver toward the Evening, Heavine's, Fainme's, Night Swan, and where the Lunes are first diforder'd, a Cough, Citaro

and where the Lungs are first dilorder'd, a Cough, Cutter, or Althma selantly precede it.

When these Symptoms are violent, 'its confirm'd; and then comes on an Expectivation of particles or bloody Muter, and the Venics Plaineoum; a at length, the Feet field, the Expectionation floys, a Distribute across on; both the Feet field. The Cutter of an University, or Miljular Conflumption, de-The Cutter of an University, or Miljular Conflumption, de-

The Cure of an University, or Mitthew Configuration, the good principally you Removal into a proper Air, and the sings of a regular materillum Diet; the Appetite is no best-days of the configuration of the Appetite is no best-days. The Appetite is no best-days of the Appetite in the Case, but are apt to yail the Appetite, one appetite in the Appetite in the Appetite, one appetite in the Appetite ion Obtraction in the Mouths of the Lactedis, and Diagrams. But this is contrary to common Experience: That fluct Particles are finall enough to enter the Lactedis, is evident from the fueden relief Nephritic Perfons find in violent Proxyfins of the Stone, by the Pfiftigges being relax diseased tor their Exhibition. That Diarrhease, and biguinting the ter their Eshlbition. That Diarnheas, and blussing the Appetite, in form Collitution, will be the Confequence of their Configuration will be the Confequence of their Configuration, and the configuration of their Configuration, and the configuration of their configuration of

aterflice.

Thus, we fay, the Contact of two Spherical Bodies, is only in one Point: and the fame bolds of the Tangeot and the

Hence, because very few Surfaces are capable of touting in all Points, and the Cobelino of Bodies is in proportion
to their Constal's, thole Bodies will filter filter freelftst
which are capable of the most Constal's. See Constalors
Angle of Constaces, in the Angle H.I.M. (Tild K. Genomy
T. B. 43) H. M. at this of the lot of Circle M.L., with all
T. B. 43) H. M. at this of the lot of Circle M.L., with all
T. B. 45) H. M. at this of the lot of Circle M.L., with all
T. B. 45) H. M. at this of the lot of Circle M.L., with all
T. B. 45) H. M. and T. And T. M. an

Tangent HL, at the place of their Contail.

Eitelid demonstrates, that the right Line IL, standing per
pendicularly on the Radius CL, cuts the Circle only in our
Point: Nor can there be any other right Line drawn be
tween the Tangent and the Circle.

Hence.

(315)

Herce, the Angle of Couraff is lefs than any reclifficars one ; and the Angle of the Semicircle between the Radius CL and the Arth MI, greater than any reclifficar acute

Asple Paradox of Enelid has exercis'd the Wits of Mathe-This Paradox of Energy has exercised the Wits of Mathe rationals: It was the Subject of a long Controverly between welves its and Clavius; the first of whom maintain'd the generality and Clarent, in our of water maintain of the affect of Cantali heterogeneous to a rechlinear one; as a safet of Cantali heterogeneous to a Surface: the latter maintain of the Late is heterogeneous to a Surface: the latter maintain of the Late is heterogeneous to a Surface: the latter maintain of the Late is heterogeneous to a Surface: the latter maintain of the Late is heterogeneous to a Surface: the latter maintain of the Late is heterogeneous to a Surface in the late in the late is the latter maintain of the latter courts. In wants was a formal Treatile on the Angle of Costof, and of the Semicircle; where, with other great the committees in the Opinion of Peletarine.

Se TAMBENT.
CONTAGION, or Infection, the communicating or trans-tering of a Distack from one Body to another. See Distant, Congris, in Some Distaste, is only effected by an immo-tute Contact, or Touch 2 as the Madnets of a Dog, which Aute Counth, or Tunch: as the Madness of a Dog, which is commiscated by biting; and the Venom of the Pox, which is translated from the infected Person in the Act of Countries. See Historynous, and Venuena. Disposit, so there is convey it by infected Corbers; as the Irch.

to others the Contagion is transmitted thro' the Air to a is obers the Cantagion is transmitted theo' the Air to a gent diffuse, by means of Steams or Efflavia explring from the Sick; as in the Piague, and other pefisiential Diffusers; in which Cafe, the Air is even fail of to be sentagious, i.e. fail of contractors Particles. See Pracous, Porton, &c. CONTEMPLATION, an Act of the Mind, whereby it

CONTEMPLATION, an Act of the Mind, whereby it applies it felf to confider, reflect on, and admire the won-

diffil Works of God, Nature, Usc.

Catesphiriton, among the myflick Divines, is defin'd a
furle, amorous View of God, as prefernt. This Contemplaner conflict in Acts to fimple, to direct, 6 uniform and
pactful, that there is nothing for the Mind to take hold on,
viewby to difficult in the Contemplation. In the Contemplative State, the Soul is to be entirely paf-

fir, sith regard to God 4 to be in a continual Report, withroughl Minds, which must agitate themselves, to have Hence, fome call Contemplation a

this Operation tentible. Hence Practs of Silence and Ouletude

First of Silence and Quietude.

Gestuplation is not a Ravishment, or an extatick Suprissed all the Faculties of the Soul 3 but 'tis fomething
pairs, 'is Peace and infinite Filianton's, leaving it perfect
by dipa'd to be mov'd by the Diviso Impressions of Grace,
as in Setter to follow the Diviso Impulse.

Georgiation is the height of Perfection of the mytlic

CONTEMPORARY, or COTEMPORARY, a Person, or Thing of the same Time, or that lives in the same Age

Thus, we fay, Socrates, Plate, and Ariftophanes were Communics: the best Histories are these of contemporary

CONTENEMENT, a Word in our antient Law-Books, ONTENEMENT, a Word in our antient Law-Doors, there who Esgainfaction Authors are not agreed. Accord-ing to ime, it should fignify the Countenance, Credit, or Exaction a Perfon has, with and by reason of his Freehold. And in Sech Sense is it used in the Seat. I Eden. III. Use.

where it thands as fynonymous with Counte where it fands as synonymous with Countenance.

Others will have it fignify what is necessary for the Suptort and Maintenance of Mon according to their feveral Quafice, Conditions, or States of Life. Thus, Spelman, Contenance of Maintenance of Conditionis forms que quit in

Retablica fubfiftir. CONTENT, a Term frequently used for the Capacity of a Vestl, or the Area of a Space; or the Quantity of any Master or Space included in certain Bounds. See Area;

he alfo Suprepictes, and Solip.

list all Systemycurs, and Sould.

The Canesso of a Tun of round Timber is 43 folid Feet.

Aloud of hewn Timber contain 50 Cable Feet: 10 a Foot

of Timber are contained 13 to Soulder of Source Lockes, and

as son as 17 a Inches are contained in a Piece of Timber,

to it round or square; 5 to many Foot of Timber are con
tonical.

la Gaging, the Gallon for Beer and Ale is allow'd to com-min als Cubic Inches, and the Wine Gallon 23: the Gallon of dry Meafure 272. See Gallon; fee also Mea-

Hence, 23 off as 282 Cubic Inches are contain'd in any Veffel tound or fquare, so many Gallous of Ale or Beer it hads, and the like may be observed of the other Measures.

solds, and the like may be obtered or the other accuracy, while ply, threfter, een field of a Squarter of Obiong into Mariphy, threfter, een field of a Squarter of Obiong into Obiong, and of the Charles of the Nambers, according to the Charles of the Liquer in the Objective River and Inth deep.

The the William of the Liquer is the Queening river and of the Objective River and the Charles of Squares, or the Diameters of Reusals into the Freduck is the Namber of Gallon, and Parts et Velid seamer, wrom as lack in Depth is and when that the Vessel contains, upon an Inch in Depth : and when that receives an Augmentation, by being 2, 3, or 4 loches deep,

it then commences a folid Body, and contains as many Gal-loos and Parts, as 'tis loches and Parts deep,

A Cubic Foot contains 6 Gallons, and almost a Pint, of

A Cabor Foot contents 6 Gallons, and almost a Pint, of Ale and Beer; and 7 Gallons, a Quarts of Wine. A Cubor Foot of dry Meafant contains 6 Gallons and a helf, and formerhing more. A Bushel of Salt contains 56 Pound

Averdupeste.

CONTENTIOUS Jurishistion, in Law, Forum Contentissing, a Court, or Assembly, which has a Power to judge
and determine Differences between contending Petrics.

and determine Differences between contending Portice.
The Lords Chief Juffices, Judges, &c. have a Contention's Juriplistics: But the Lords of the Treasury, the Commissioners of Cultoms, &c. have come; being merely judges of

Accorpts.

CONTEXT, among Divines and Criticks, that Part of Scripture, or other Writing, which lies about the Text; before or after it, or both. See Taxx.

To take the full Scote of the Text, the Context should be

CONTIGNATION, in the antient Architecture, the Act of laying Rafters, rigna, together; and particularly, floor-

ing. See FLOORING.
CONTIGUOUS, a Relative Term, understood of Things difiou'd fo near each other, that they join their Surfaces, or

See Contact The Houses in antient Rente were not continuous as ours

but all infolsted

The Hudein is motion Rame were not contigents as curs as, but all shidings, in Generary, as eds as his two Leg common to each daught; a thereofic called adjusting disgritted to the state of the state

CONTINGENT, forecthing cafual, or uncertain. See CHANCE.

Future Contineent, in Logick, is a conditional Propoion, which may or may not happen, according as Circumflances fall.

The Sociations maintain, that God cannot fee future Con-organts, because depending on the free Motion of the Will. Contingent is also a Term of Relation for the Quota

COSTINGERY is allo a Term of Relation for the Quota that falls to say Perfon upon a Dividency, in time of the Contract, that falls to say Perfon upon a Dividency, in citime of the Relation o

ar War therewith.

Convences Tiff, in Law, is an Ufe limited in a Convence
of Land, which may or may not happen to veil, according
to the Contingency expects in the Limitation of such Ufe.

Convences Line, or Line of Convences veil, in the
ling, is a Line that credits the Sabilyle at right Angles. See

SUBSTREE, and DIALLING.

Sensytts, and Diactarse.

Conveniency is innormant sfed by the Mathemsteines Conveniency is innormant sfed by the Mathemsteines Convenience of the Convenience of the Convenience of Catana CONTINUAL Clears. See Continued Catana among the Cavitana, the Proceedings of the Convenience of Catana among the Cavitana, the Convenience of the Convenience of Catana among the Cavitana among the Cavitan there,

CON (316)
friend, we likely to be in the Tower; the King flail I in fined to the fulfillies, repeating the Certificities, and will them in conduce the Affic.
CONTINUANDO, in Law, a Term used where Pains in Contribution of the Contribution of the

Action. For, to avoid multiplicity of Suits, a Man may in one Action of Trefpafs recover Dumages for forty or more Trefpaffs 1 laying the first to be done, with a Continuance to the whole Time wherein the reft of the Trefpaffics were done; which is done in this form, Continuance to transgraffic. nem predictam, &c. a predicto die, &c. usque, &c.

CONTINUED Quantity & Scc Continuem, and Con-

CONTINUED Body, &cc.

TINUITY.

CONTINUED Fever, is fach an one as does not intermit, or go intirely off, and rerurn again, by Fits. See Fever, A continued Fever, may be defined the Continuence of an increased Volocity in the Circulation of the Blood, beyond TINUITY.

an increased Velocity in the Greuistion of the Biood, devoca-what is natural to the Confliction.

If this Velocity often decreates, and rifes again to the fame height, it is called a Continued persodued Fever.

And if it intirely coafe in the Space of a Day, or two, it

is call'd an Ephemeris. See EPHEMERIS.

A Continued Fever, then, may remit, or abate and in-create again, alternately; but not intermit, which would conflitute it an intermitting Fever, or Ague. See REMIT-TING, and INTERMITTING Fever.

comes, and bertanstratuse Fever.

Cortators, or d'armongh Bell, in Madde, is that which
continues to play, confinantly both during the Recitatives,
and to fulfain the Cooling, or Chouse, See Blass.

The confinence of the Cooling of Chouse, See Blass.

The confinence of the first Rate is the fine with the American Cooling of the first Rate is the fine with the American Cooling of the first Rate is the fine with the American Cooling of the first Rate is the fine with the American Cooling of the first Rate is the fine Cooling of the first Rate is the Cooling of the first Rate is the Cooling of the first In the American See Telescope (Cooling of the first In the American See Telescope (Chica of Chouse of Parts is the lame Quantum Coltens deline it is blood of the first of the Day refulling from the mutual Implication of the Burn. See Parts.

come one. And others, a State of Body reluting treat the mutual Implication of the Part. See Part.

There are two Kinds of Continuity, Mathematical, and Phylified: The first is meetly lunginary, and feltitions; fince is (impoles real or phylified) Parts where there are some. Phylified Continuity, is, thirtly, that State of two or more Parts, or Particles, whereby they appear to adhere, or confinue one uniterrupted Quantity, or Continuums; or before the parts of the Par tween which we perceive no intermediate Space. See Con-

The Schoolmen diffinguish two other forts of Continuity, I no Schoolmen distinguist two other sorts of Continuity, iz. homogeneous and heterogeneous. The first, where our Senles do not perceive the Bounds, or Extremes of the Parus; and this agrees even to Air, Water, 5C. The focond, where our Senles do indeed precive the Extremes of cerain Parts, yet at the faunt time observe the fame Parts closely link'd to

each other; either in virtue of their Situation or Figure, Se and this is chiefly attributed to the Bodies of Animals and

Plants. Finns. Continuity of Bodies, is a State merely relative to the fin and south a gr. if the diffuser of two figures (Model to finch, as that the vifual dagle they inhered is incentible to rise bye, which it will if left than 2 Seconds; the two feptrate Bodies will appear contiguous. Now, the Reful of feveral contiguous Objects is Continuity; to that any Number of visible Objects, being placed to a start their Elisance (Schend as Angle of its than 16

And hence, as we can determine the Diffance at which any given Magnitude becomes invitible; 'tis eafy finding at what diffance any two Bodies, however remote from each

other, will appear as contiguous; and feveral, as forming one For the Physical Cause of Continuity, or Cohesion. Sec.

CONTINUUM, or Continued Quantity, in Physicks, a Quantity or Coextension, whose Parts are not divided, but join'd and connected together; so as to leave no room to de-termine where one begins and another ends. See CONTINUITY. termine where one degins and abother ends, See Continuity.

The controverted among Philosophers, whether a Continuum be infinitely divisible, i. e. divisible into infinite proportionable Parts. See Divisibility.

Mathematicians divide Quantity into continued and dif-

PARTICULAR OF THE PROPERTY OF THE PROPERTY OF THE SECONDARY OF THE PROPERTY OF foe also Number.

In Medicine and Chirurgery, Wounds, Ulcers, Fractures, a are express'd by the Word Solutio Continui, or Solution of Continuity. See Solutio.

In a critical Sense, we say, there is to be a Continuity, e. a Councilian between the Parts of a Discounte. In the Epopes, particularly, the Action flicted have a Continuity in the Narration; the the Events or Incident be

not continued. As foon as ever the Poet has open'd his Sub-ject, and brought his Persons on the Stage, the Action is to Action is to ject, and brought an remains on the douge, the menon is to be continued to the End: Every Character must be at work; and no fuch thing as an idle Person to be seen. See Acrton.

and no tact thing as an one carrier to be real. Occ herean, F. Boffs observes, that by retrenching dull languishing in cidents, and intervals void of Action, which break the Con-tinuity, the Poem acquires a continuid Force, which makes it run equally throughout.

The Antients attributed the Rife of Water in Pumps, to the love of Continuity, and the Abhorrence of a Vacuum; the love of Continuity, and the Abnorrence of a vacuum; in regard the Weight and Preffure of the Air was not then CONTOBABBITES, a Sect of Hereticks in the Vish

Conney: Their first Leader was Sciences of Amiech, who was fac-ceeded by John the Grammarian, firstand Philippens, and one Theodoffus; whome their Followers were called Agments and Theodoffus; Sec. Ansonras.

Part of them, who were willing to receive a Book con-posed by Theodoffus on the Trinity, made a Separate Boly, and were called Constabilities, Fron I known not what Place, and were called Constabilities, Fron I known to what Place, and were called contropparies, from 1 know not what rate; which Nicephorus does not mention, but which mult appa-rently have been the Place where they held their Affembliss. 'The Contababdites allow'd of no Bishops; which is the

ly Circumstance that Historian gives us of them.

only Greunshance that faintering gives us or them.

CONTORSION, the Addition of revisiting, or wretting a
Member of the Body out of its natural Situation.

Thus, we for Rope Dancers accultom themfelves to Cotraffician of their Limbs from their Youth, to render the Eibers of their Articulations iss, and fupple to all Kinds of ures. See Posture.

Contension is also used passively for the State of a

CONTORSION IS ABO WHICH PARTIES OF A PRING, O. S. Of a Member that is awy.

The Controlfon of the Nick, is occasion'd, according to Nick, by the Relaxation, or Paralysis of one of the Material Muicles: for hence it happens, that its Antagonii, whose Power is now no longer balanced, contracting with its whose Power is now no longer balanced, contracting with its whole Fower is now no longer balanced, controlling whis in proceed Force, afterwise the Hand stown his falls. See Paary, dily a and perforther from the beginning, Liniments capital or elazing and hoffening the Filters y to be task, nor only in the Madic in Controlline, but a filter y to be task, or only in the Madic in Controlline, but a filter y to be task, or only in the Madic in Controlline, but a filter and principally to these CONTOUR, the Outline, or that which terminates and defines a Figure. See Figure 1.

ging the Contours well. See PAINTING. The Contour of a Figure, makes what we call the Draught,

The Contour of a Face, the Halian Painters ordinarily call

The Centure of a Fice, the Intiliar Valuties collimity of the Lieuments' the Heraldry, in a fed when a Beath it flushing or running with its Bacto to the Shittine-Side of the Intiliar State of the Control of the Intiliar State of the Deuter-Side, unleft it be otherwise capterful. Deuter-Side of Medalitons, flutch with a certain bolioused all around, while Interval Capter Control of Medalitons, See Minastrom.

The Medilitons, See Minastrom.

They have their Name from their Edges, which appear as if turned in the Lathe.

All we have remaining of these contourniated Medils feem to have been made about the fame time. F. Hardwin conjectures them to have been first about the XIIIth Cen-tury a other Antiquaries go back as far as the Vth.

The Manner of the Work feems to have had its Origin in

The Manner of the Work Icens to have had its Original Greece; and to have been appropriated to honour the Me-mories of great Men: principally, rhole who had been away the Prize at the Solemn Geness Such are those remaining of Homers, Solow, Emild, Pythosperas, Scorates, Apollowith Typenases, and Everal Abbitas, whole Victions are expected by Falms and Charlots, either Edge or Syndrings. CONTRABARD, or CONTRABANDED Commodity,

in Commerce, a probibited Commodity; or a Merchandlo bought or fold, imported or experted, in projudice and carrery to the Laws and Ordonnances of a State, or the publick Problibitions of the Prince. See Commerce, Merchand

The Wood comes from the Initial Court-plants, i.e. contrary to Edill, or Publication of Prohibition.

Charreland Goods are not only likely to Conficient interference but do also fashject thereto all other allowed Missensial Court-plants of the Conficient interference but do also fashject thereto all other allowed Missensial Court-plants for the Missensial Court-plants for the Missensial Court-plants and the Mis

There are Contrabands, which beliedes Confilence There are Contrabands, which befides Confication, are

published on Pain of Dearh 5 as, w.g. in France, Isalia and Oras Stuffs, Lineas, Ed. and Oras Stuffs, Lineas, Ed. in Expland there are two principal Controlands for the In Expland there are two principal Controlands for the Interface of the Int the Hand cut off; the other that of Sheep-thins and Calif-tins, which all Poreigners are in like manner prohibited for tins, which all Poreigners are in like manner prohibited for respecting, on Jin also of having the right Hand cut off: Ye, the Subjects of England are allow d to transport the time from Prance to England. See Woot, and WOOLLIN time from Prance to England. See Woot, and WOOLLIN

Mennfaffore comfactore, other Contrabands for Exportation are raw Hort "The other contrabands for Exportation are raw Horns, white Affice, Stocking Looms, or any Part thereof, Fellers-Earth, and all raw Hides, or Skins.

Of Coult Contrabanded as to the Import, there are above

Of Court Contravances as to the Infort, there are above to in the Lifts made in 1662; and yet there are 25 of 'em which now fland in the Tariff; the Non-execution of the Acta which now thand in the Tariff; the Non-execution of the Acts
of Patliament whereby they were imposed, feeming to have
reford em to the Freedom of Importation.
The chief of those fill contrabanded, and not tariffed, are

"Te, chief of thole fill! Controlocided, and not tartiff d, are worked to provide Cloths, souther Soften and the trained all feets of tanne'd or drefa'd Hides, drefa'd Feet, all forts of Shornskers Ware, Locks, and divers form of Cutlers ware, all painted Goods; except Paper, Wires, Buckles, Gold and Silver Leaf, and Horns for Lanthorns. Since the Year 1665, feveral other Commodities have been

Since the Test 1662, icversionner Commonate use of the mode contrabasid; particularly Silk and Galloons, Luces, Empede Contrabasid; particularly Silk and Thread Management of the Princes. Buttons, and other Silk and Thread Management unicestreband; particularly Silk and Galloton, Loco, Emi-bedder, Fringe, Batton, and other Silk and Turcad Ma-nificher; black Tufferior, civil Attender, or Laterbring, which was the state of the state of the state of the special or derividity, among the Number of Cattreband Good of Exporation; but it wish, by section of the fitney Gypto-dired the state of the stat

limitings born allow'd to fitted away, upon cancering 'em, and spring the Darry of the Export.

Hensy be tudgd whether tobic who promoted the Eill seven all allefted on the Nation, from this, that is the first pill shade of September 1720, there were exerced at the College of Silver, in 1,2010. Once of Gold, and accord Occas of Silver, to 1,2010. Once of Gold, and accord College of Silver, for Holitand, 1932.0 Omnec of Gold for Print, \$197. Once of Gold, and accord to Gold, and according to the September 1932. Once of Silver for Holitand, and 1932.0 Omnec of Silver for the Zigli-Fo-day, called to 6 which was a ceptored Hossidachtyly by private description. are, exemine or what was exported fraudulently by private Perfors, without paying the Duties.

This flows, indeed, the abundance of Gold and Silver in England; but flows, at the fame time, the danger it is in

registed; but shows, at the fame time, the danger it is in d being, at length, exhausted.

In Heraldry, the Bar is called a Centre-bond, or Counter-tody because it cuts the Shield contrary, and opposite ways. Sc. Ban.

So Bas.

They silo fay, Castre-devenue, Castre-pal, Sec. when they site two Ordinatios of the finite Nature opposite to exister; fa so Scota be obspead to Menta; and Menta in Color.

Gain. And the Coat is fish to be Castre on Constra-paled, Control-paled, Contr

Animals are line to to Control pulsars, was one para-ciones fide, and another on another. CONTRA formam Collationis, is a Writ that lays where XONTRA formam Collationis, is a Writ that lays where it is a superior of the paracita of the covernor or Managers, three blenated the Lands, contrary to the Intention of the

Contan formem Feoffementi, is a Writ for a Tenana who is infeoffed by the Lord's Charter to make certain Suit and Service to his Court; and is afterwards diffrain'd for more than is contain'd therein.

CONTRACT, a mutual Confent of two or more Parties, who promife and oblige themfelves, voluntarily, to do fome-thing, pay a certain Sum, or the like. See Pact, Cove-

Siles, Exchanges, Donations, Leafes, &c. are so many different Species of Contracts,
Couracts is particularly used in Common Law, for an Agree
ment or Covenant between two, with a lawful Confideratio

A. if I fell my Horfe for Money, or Covenant, in Confidencies of 20 L to make you a Leafe of a Farm; thefe are 800 Cattedfu, because there is quid for que.
Ulbraus Convancy, is a Contrast to pay more Interest his Money than the Laws allow. See Usunx.
It is a Devetfavir in Execution to pay a Debe upon an Ujb-

If it a Develtavit in Execution to pay a servine Correct. See Developer, 1 See Developer, 1 In Marriage, the Romanift dittinguish the Civil Control, which is the Confent of the Parties, from the Sacrament, which is the Benediction of the Prieft. See Marriage.

Those Contraffs are faid to be null which the Law proble bits the making of; fuch are all Courted! which the Law peoble incapable of contracting, as Minors, Religious, Lanaticks, Wives without Confent of their Hushands, Efs. The Word Contract is also used for the Instrument in Wil-

The World Contract is also used for the Instrument in Wri-

ting, which ferves as a Proof of the Confene granted, and the Obligation paid to between the Partie.

Among the autient Ramatat, Contractly, and all volunties, Acts, were worse, either by the Parties chemiclese, or by one of the Wintester, or by a Domestick Secretary of one of the Parties, whom they call'd a Noticry job who was no publick Fertes, as smeage as. See NOTARY.

The Contractly, when fishigh was earny'd to the Magistrate,

The Contract, when finith'd was carry'd to the Magistrate, who gave it a publick authority by receiving it inter Asta, into the Number of Acts under his Jurisliktion, giving each of the Parties a Copy thereof, transcrib'd by his Clerks of Domettick Registers, and feated with his Scal.

Which Practice pass'd into France, where it obtain'd a CONTRACTILE Force, that Power or Property inhe-

rent in certain Bodies, whereby, when extended, they save

For the Confe of this Property, which is of the utmost Consequence to a right understanding of the Animal Occoromicquence to a

nomy, not FIRE.

CONTRACTION, in Logicks, is defined a Species of Reduction, wherein the Thing that reduces, abridges, of brings the Thing reduced into a lefter compass. See Range-

TION, and ARRIDAMENT on, and reasonment.

The defion of such Controllies is to bring Things, which

The defign of fact Garmelline is to bring Things, which before were too its and diffusive, nearer together, that fo their ensual Keltition may appear the most Clearly, and Than, 'following the Anguncation, From that Proposition, Theoreties, too I am flending, follows this other, 'Therefore, seen I am flending, follows this other, 'Therefore, and 'me scalings,' may be thus controlled, 'Therefore, and 'me scalings,' may be thus commelted. To this Head were referred the Anguncation, as they are called, of Forema and Orstones in the Titles and Summarice of clade, of Forema and Orstones in the Titles and Summarice.

Chapters, &c. Contraction, in Physicks, is a diminishing of the Ex-tent or Dimensions of a Body; or a bringing of its Parts closer to each other: upon which it becomes heavier, harder,

See. See Condensation Contraction, in this Scale, stands opposed to Dilatation.

Controllien, in this Senie, stands oppoid to Dilatation. See Dilatary 1000, \$1.6.

All Bodies controll by Co'd, and dilate or rarefy by Heat. See Cost, Hiars, Ratapaterion, \$6.6.

CONTRACTION of the Heart, Attentia, Langa, &c. See Structs, Histary, Autract, Pulsa, \$6.6.

CONTRACTION, a Term in Medicine, frequently used by Anasonical Wireirs, to expect the shrinking up of a \$1.5.

bre, or Affembiage of Fibres, when extended. See Fibre. Convultions and Spaims proceed from a preternatural Contrafficu of the Fibres of the Musicles of the Part convuls'd. ec CONVELSION.

Sec Conversions.
On the contrary, Paralytic Difurdern generally proceed from a too geter laseral of the Filter of the Para safeted a perfect that the process of the Para safeted a perfect the carried Monitor or Alfation of the Para, I have define the carried Monitor or Alfation of the Para, I have define the carried Monitor of Alfation or the Paralytic and the ball, the Animal Spiritor are entired every day for Paralytic and the ball, the Animal Spiritor are entire deep day for Entire proposal infinition or promote the Circulator, Paralytic III and Contrary and infinition to promote the Circulator, Paralytic and Monitors Paralytic for the Third Monitor and the Paralytic Contrary and Monitors Paral Monitor has not true from 6 and Monitors Paral Monitor has not true from 6 and Monitors Paral Monitor has not true from 6 and Monitors Paral Monitors to any time from 6 from 6 at Monitors Paral Monitor has not true from 6 and Monitors Paral Monitors to any time from 6 from 6 at Monitors Paral Monitors to any time from 6 from 6 at Monitors Paral Monitors and true from 6 and Monitors Paral Monitors and true from 6 and Monitors Paral Monitors and true from 6 and 6 and

the Power of its Antagonist, it is immediately found to con-trad; and is not by any Action of the Will or the Spirits, to be reduced to a State of Dilatation. See Museur.

CONTRACTION, in Grammar, the Reduction of two Vowels or Syllabics into one,

cls or Syllabies into one.

The Greeks abound in Contraditions, both in their Verbs and their Noune; as, was of wise, facto; food of flow, classes; grows of growin, interer; will of meries, antibule; armins of mente, antibules; a touch-low, of automature.

The French have formething like it too, at least in their Promunitation; as in family, beatiler, paon, which they

Promocinies a sin funtire, fuestiler, pees, which they greatened fluids, while for an Species of silver's specimics. The proposed fluids of the specime of silver's specime of the second fluids of th CONVEARIETY, &C.

CONTRADICTOR, in a Legal Sense, a Person who has a Right or a Quality to contradell, or gainsky: Thus, an Invensory of the Effects of a Minor ought to be made in presence of his Guardian, or Truftee, who is the Legal Contradell of the Contradict presence of this squardism, or Trutice, who is the Logist territaristics. A Decree against a Farmer has no Effect on the Landlord, the first not being the legistimate Courradistics. Courradister, Prophistics, are Opposites, one of which imports a mere and naked denial of the other. See

OFFICE Of these, therefore, one must be positive, and the other negative; as, fitting, and not sitting; white, and not white. Contradictory Propositions mutually destroy each other.

Sec Proposition

To have two Propolitions truly contradictory, they must be epopfite both in Quantity and Quality, i.e. one must be universal and the other particular, which makes the Oppo-fition of Quantity; and the one Assimative and the other Negative, miking with the Computation of the other Negative, miking with the Computation of the other Negative, miking with the Computation of the other Negative, miking with the contradiction of the Negative, which makes the Opposition in Quality. See Op-

Position.

Thus, o.g. All use of Wine and Silver is veil; 'tis falle a Same use of Wine and Silver is not ceil; 'tis true.

To this it is necessary that the one deny, and the other affirm the fame thing, of the fame Subject, considered in the fame Circumstances; under the Quellion be about an estimated attributes, in which Case, no regard is had to Circumstances with the case of the constant of the Case. ances; every thing having always its own Effence

This the Logicians express by Affirmare & negare idem, This the Logicians expects of the decoder, formation ideal of the contradictory Propositions on a particular Subject, e.gr. an individual: These are called fingle Contradictory Proposition; a., Peter is just; 9 term in the decoder of the contradictory Propositions, a., Peter is just; 9 term in the decoder. Now, to have these Propositions of the Contradictory of the decoder of th Now, to bave these Prop contradictory, Peter must be confiderd at the fame Time; without which they may be both true; face there was a Time wherein Peter was juff, and another wherein he was

CONTRA-FISSURE, in Medicine, a Term apply'd to that Species of Fracture in the Skull, where the Side oppo-fite to that where the Blow was receiv'd, is crack'd. See

FISSURE. The usual Symptoms attending a Contra-fifure, are a Delirium, fornetimes a bleeding at the Note and Mouth, Stupidity, an involuntary passing of the Urine and Excre-

ments, Convultions, &c. If these happen, and after search made in the Part when the Injury was received, no Fracture or Deprection of the Skull be found, there is suspicion of a Contra-siffure; espe-cially if the Patient be apt to point to that Part.

If the Symptoms be by Intervals, and not to a great de-ce, or there be reason to believe the Fiffure to have reach'd only thro' one of the Tables, 'tis fufficient to denude reach'd only thre' one of the Tables, 'the fulficient to demade the Bone, and the Rafagaroty then to fill the Rinas, or Crack with proper Pouders, of Iris, Gurn, Myrth, Pouder of Diapente, Cife. and above all apply a Flodget dipped in Tirchne of Emphoritism, or of equal Parts of Spirits of Wine, and Honey of Rofes.

If thefe fail, the Trepan must be had recourse to. See

REPANNING

CONTRA-HARMONICAL Proportion, that Relation of three Terms, wherein the Difference of the first and second, is to the Difference of the second and third, as the third is to the first. See Proportion.

Thus, e.g. 3, 5, and 6, are Numbers contra-barmonically proportional; for 2:1::6:3.

To find a Mean contraharmonically proportional to two own Quantities. The Rule is; Divide the Sum of the given Quantities.

two figured Numbers by the Sam of the Roots; the Quo-tient is a contraharmenically mean Proportional between the Roots. See Harmonical Proportion.

CONTRA-INDICATION, is an Indication which forbids that to be done which the main fcope of a Difcafe

points out. See Indication.

points out. See INDICATION.

Support, e.g. in the Care of a Diffesse a Vomit were
judged propers if the Patient be subject to a vomiting of
Blood, 'this afficient Contra-pulsations as to its Exhibition.

CONTRAMANDATIO 'Placiti, in our antient LawBooks, fignifies a respiting, or giving the Defendant farther
time to answer or, an Impariance, or counterminding of

what was formerly order'd. Contramandatum is a lawful Excuse, which the Defen-int by his Attorney alledgeth for himself, to shew that the

Plaintiff has no caufe to complain ; Si dies placiti fit contra-Plannin nar no casar or company and a manageria. In Hen. 1.

CONTRAMURE, in Building, an Oue-wall, built about the Wail of a City. See Wall, RAMPART, Els.

CONTRAPOSITION, in Logicks. See Contrasion.

CONTRARIETY, that which denominates two Things contrary to each other. See Contrary to each other. See Contrary.

Contrariety confilis in this, that one of 'em imports a Negation of the other, either mediately or immediately; so that Contrartely may be faid to be the Contrast or Opposi-tion of two Things, one of which implies the ablence of the other. Sec Opposition,

CONTRARY Things, or CONTRARIES, are positive opposites; which being of the same Kind, or same common Nature, and subsiding by turns in the same Subject, are a and substifting by turns in the same Subject, are at Nature, and lubuiting by turns in the lame outplet, are as remote from each other as possible, and mutually expel each other. See Offeritz. Such are Whiteness and Blackness, Cold and Heat, &c.

Hence, properly fpeaking, only Qualities can be Contra-ries. Contrariety only agrees to Qualities per \$6; to other things it agrees per accident, or in ordine ad Qualitatem

See QUALITY. Contrary, however, is often used in a more extensive Sign

Canizary, however, is often utdel in a more extendier signification, exis any inconfilence or difference between the Nasser and Qualities of Things.

The state of the state o

The Schools wie the Word Contraries in a ftill more p The Schools wie the Word Contravies in a util more pre-cife Signification, as implying two politive Things, which cannot fubfill together in the Lune Subject, but defley to expel each other; as Heat and Cold, Drynefs and Monther. Contragr, in Rheenick. F. de Colonia lays down three Kinds of Contraries in Rhotorick, viz. Adversatives, Pritives, and Contradictories.

Adverfarious are those that differ much in the same Thing as Virtue and Vice, War and Peace: Thus Tully, St state. as virtue and vice, war and reace: 1 mis 2 mig, al fulli-tiam fuginus, fapientiam fequantir; & bonitatem, fi neli-tiam. Thus Dunnillan, Malorum caufa belium eft, en-emendatio pax. Thus Drances argues in Virgil, Nallo fi. bus bello : pacem te poscimus connes.

Prinarious are Habits, and their Privations. See Pas-

VATIVE-

Contradictories are those, one whereof affirms, and the their denies the fame Thing, of the fame Subject. See CONTRADICTORY.

CONTRAST, in Painting and Sculpture, expresses in Opposition, or difference of Position, Attitude, 55c. of two or more Figures; contriv'd to make Variety in a Painting See DESIGN.

Thus, when in a Group of three Figures, one is flow before, another behind, and a third fidewife, there is fill to be a Contraft. See Group. M. de Piles defines Contraft an Opposition between the

Lines which form the Objects; by means whereof they fet off one another. A Contraft well manag'd, is one of the greatest Beautita

of a Painting. of a l'ainting.

The Centrafi is not only to be observed in the Position of several Figures, but also in that of the several Members of the same Figure : Thus, if the right Arm advance the these, the right Leg is to be kindmost; if the Eye be directly the right Leg is to be kindmost;

ted one way, the right Arm to go the contrary way, &c. So FIGNER The Coursest must be purfued even into the Drapery. See DRAPERY.

To CONTRAST, in Architecture, is to avoid the Repetition of the fame Thing, in order to please by Variety; as is done in the great Gallery of the Lestore, where the Peditors

ments are, alternately, arch'd and angular.

The Word comes from the Italian Courseftare, to oppose, thwart; and that, according to M. Hutt, from the Latin Contribution.

CONTRAT-Wheel, in Clock-work. See WHEEL; he

allo Coors, and Waren,
ONTRAVALLATION, or the Lins of CONTRAVALLATION, in Fortification, is a Trench guarded with
a Praper; ulsally cut round about a Place by the Befinger,
to focure themselves on that fide, and to flop the Sallier of the Garrison. See LINE.

It is without Musket-shot of the Town; so that the Army at is witnown Meliket-intot of the Town; 10 that the Army forming a Siege, like between the Lines of Circumvallation and Courrangilation. See Careman ALLATION, CONTRAVENTION, a Man's failure of performing of dikharging his Word, Obligation, Dury, or the Laws and Cultoms of the Place.

The Penalties imposed in Cases of Contravention, only als for Comminatory. In a more limited Scale, Contravention implies the Non-

an a more marked state, consideration in part of the concentration of an Ordinance, or Edits,

Contravention is supposed to be a degree below Prevariencistics, and to be only the Effect of Negligence, or Ignorance. See Pravantarion.

CONTRAYENVA, a Root brought from Persy c ficerd an Alexiterial, and a fovereign Antidote against Posten It is faid to take its Name from Tersus; which in the Spanish figurishes white Hellebore, a Plant whose Juice is a olent Poison, used by the Peruvians to poison their Ar-

withal s in which Senfe, Contra-yeron fignifies Course political residence of the Iris, reddiffs with the Root is finaller than that of the Iris, reddiffs with the Root is finaller than that of the Iris, reddiffs with the Root is finaller than that of the Iris, reddiffs with the Root is finaller than that of the Iris, reddiffs with the Root is finaller than that of the Iris, reddiffs with the Root is finaller than that of the Iris, reddiffs with the Iris and Iris and

The Root is finaller than that of the Iris, reddiff with-out and white within, knorty, and fibrous. To be good, it nut be new, heavy, and of a daffly red Colour. L. Smell it refembles Fig. leaves; its Taffe is Aromaeie.

In Smell it retemples Fig-leaves

geometry d with some Actimony.

There is an Officinal Composition which takes its Name

can this Root, prepar'd with the Testaceous Pouders, call'd from this Root, prepar'd with the Teltaceous Pouders, call'd Last Contrayeros. Both the Root and Lasts Contrayeros re of great efficacy in the Small Pox, Meatle, Fevers, and il Culta where either a Diaphorefis or Perferation is re-uired; in Saccets being more to be depended on than the Coffens Peader; which, among the more knowing, begins to lose ground

General Section of the Section of th

Prifes and Venoms with the Contra-yeres of Peru

CONTRE-COMPONE COUNTER-COM-PONED. COUNTER-CHAN-CONTRE-CHANGED. OFF. A COUNTRE-BEND. COUNTER-BAR-

in Heral-Course to DAR D. W. dry See CONTRE-CHEVRONNE.

COUNTER-CHEV-FON'D Conserva-CONTRE-ERMINE w.w. Conversors Converger and The P.

CONTRIBUTION, the Payment of each Person's Quou, or et the Fart he is to bear in forme Impontion, or com-mon Expects.

Contributions are either Involuntary, as those of Taxes and Impode to Foluntary, as those of Expenses for carrying a fone Undertaking for the Interest of the Commandity.

In Milliary Sonfe, Contributions are particularly used for the Conventions between the Conventions between the Conventions of the Frontice

or in Conventions between the Governors of the Frontier Bleast and the Enemy 1 in order to Georae themselves from teing pilligd and infulred. The Peninst till their Ground under the Faith of Contri-losies, as securely as in time of profound Peace. ONTRIBUTIONE factories, a Wirt which lies where termit Fories are jointy bound to the fame Thing, and one of most of the Triflic to countribute their fibers.

or muse of 'em refus't to contribute their flare.

Egy, if Tenants in Common, or Joint, hold a Mill grown their, and equally flare the Profits thereof; the Mill failing to decay, and one or more of 'em setufing to contribute to its Reparation, the reft flail have this Writ and the most down.

We to its Reparation, the rest shall have this with compel them.

And if there be three Coparceners of Land that owe Sait to be Lord's Court, and the Eldeft performs the whole; the may she have this Writ to compel the Refuser to a

CONTRITION, in Theology, a cal Serrow, refuting to the Thought of having citended God; from the fele Conferction of his Goodness; without any regard to the Fullment the Sin is intitled to. See Reservance. Sone of the Romifb Doctors avow, notwithflanding the

Sinc of the Remillo Dockors avow, notwentistaning up-facilities of their Church, that Contrition is valid, and car-tia with it every thing nocessary to obtain Pardon, without the Cormony, or as they call it, the Sacramore of Confed-ing and Absolution. See Contrastion, and Association And in this they make the difference between Contritions and Attrition to confith. See ATTRITION.

"MAINTINGS to confit. See ATTRITOS.

The Defrice was lately maintained by F. Septemet up"Monthly of the Beauty of Partie."

"Monthly of the See and the See and the See and the See
"MOLLA COMPTROLL OF CONTROLL OF

OBJECT OF COMPTROLL OF CONTROLL OF CONTROLL OF

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OBJECT OF CONTROL OF CONTROL

TO SEE AND THE SEE

man, and the RESPONDER.

THERESE, SEE REGISTER. HERSE, IN Officer
CONTROLLER, or COMPTROLLER, in Officer
CONTROLLER, or COMPTROLLER, in Officer
Controller, or Comptroller, or Comptroller, in Officer
Controller, or Comptroller, or Comptroller, in Officer
Controller, or Comptroller, or Comptroll CONTROLLER, or COMPTROLLEM, an Ouncer this first to start of the Register called Cammit, and carrier, on excellon whether the Things have Converted to not. Thus, we have, Converted to not. Thus, we have, Converted to not. Thus, we have, and the Marie Mulphold, or of the Account of the Board of Green-Cieth. See Housestoin, and Garan-Cram.

CONTROLLER General of the Cuffort. See Customs. Convention of the Navy. See Navy.

CONTROLLER of the Mint. See Mint.
CONTROLLER of the Excip. See Excist.
CONTROLLER of the Accounts of the Army; of the Chamer, etc. Sec CITAINTER, EC.

ber, Scc. Sce CHAMBER, 85c. CONTROLLER of the Hamper, is an Officer in Chancery, attending the Lord Chancellor daily in Term and Scal time. Sec CHANCERY.

time. See Chamchy.

This Officer is to take all Things feal'd from the Clerk
of the Hamper, inclosed in Bags of Leather, and to note the
just Number and Effect of all Things to received; and to
enter can in a Book, with all the Dutes belonging to the
King and other Officers for the fame, and of charge the

ing and other Omeers for the rame, and to charge the lerk of the Hamper with 'em. See Hamper. Controller of the Pipe, an Officer of the Exchequer, CONTROLLER of the Pips, an Officer of the Exchaquer, who writes dot Summons which a Year, to levy the Farms and Debts of the Fips. See Firs, and Exertingues.

He was anticenty called "Puplex Payerflare".

CONTROLLER of the Fell, are Officers of the Exchaquer,

CONTROLLES of the Tell, are Officer of the Exchequer, whereof there are 100, the two Chamberlains (Clerk, who keep a Central of the Fell, of Receits, and Geings-cat: to Originally they took Notes of other Officer Accompts, in each to different if they did amis. See Plett.

CONTROLPER, in Lew, he who of his own Head destination of the Controlles of the

vinity.

CONTUMACT, in Law, Centempt; or a Refull to appear in Coert when legally fammond.

The Word is used in Civil, as well as Crimins) Matters; but more narely in the first, wherein the Word Defaut ordinarily furplies in Place; The Refunding of the Charges of a Defaut judgi'd at the hearing is allo the Pennity of Coefficients.

In a Criminal Scofe, the Contumacious is con In a Common octor, the contamescent is condemn a, not because the Crime is proved on him, but because he is ablent. By the Roman Laws, there was no Process in case of Contamency, during the first Year of absence: they only took Continuacy, during the first Year of ablence: they only took an Invectory of the Goods of the Fugitive, and if he died in the Year, he died inter? Batus; but after the Year was expir'd he was deem'd coipable.

In England, Continuacy is prefected to Outlawry. See

OUTLAWRY.

OUTLAMEN.

In France, all Continuacies are annualled, if the Accused make his Appearance in five Years if the die in that Time, his Relations are permitted to punge his Mamony.

CONTUSION. 20:00f., in Medicine, a Solution of Continuity, either in Fesh or Bone, exceition of by a Fall, a Blow, or a violent Persiane, whereby the Fields is broke, the Skin

or a violect Frefüere, whereby the Field is booke, the Skin fill remaining scients, and an Entidence Blood critics, from feveral little broken Veffeld, fo as to dictolors the Skin, tho it don't make its way thow the Percs thereof. Or, Constifiers may be defined a particular fore of Tumors, attended with a Sugnation of the Blood in the Part affec-ted, and, generally, with an Inflammation, Difcolouration, and Prince Ser Tensorm.

Contustions are either internal, or external. When from Gaustina su cithe internal, or enternal. Whose from any catternal laysy, there proceds an internal Disformation, e.g., an Adhuma, jointing of Blood, or the like, the Gaustina is faith to be reserved. If only caternal Symptoms as Tamoore, Blockend, Ec., is it term'd external. In case of insured Contributes, becoming the Faitest in enternal, and haltmacks must be given internally, fach are contray, and haltmacks must be given internally, fach are contray, and haltmacks must be given internally, fach are contray, and haltmacks and haltmacks and haltmacks and haltmacks and haltmacks and haltmacks. The contracts of Marthmallows, Old of the Contracts of Marthmallows, Old of the Marthmallows, the Marthmallows, the property of the Marthmallows, the Marthmallows, the Marthmallows of the Marthmal

Limineats or Unetiments or marinamenous, On the Invest assumeds, Spatin of Wine with Camphire; proper Formentations and lireagtheing Emphaliters; as that of Oxyraccum, Ele. according as the Nature of the Contustion and Part con-

CONVENT, a Monastery of Religious, of the one or the other Sex. See Menastery.

The Word comes from the Latin Conventus, Meeting, of

Convenire.

CONVENTICLE, a diminative of Convent; denoting, properly, a Cabal or fecret Affembly of a Part of the Monks of a Convent, to make a brigge in the Election of an Abbor.

From the ill Use of the Asfemblies, the Word is come into difference; and now flands for any feditions or irregular Affembly.

Affembly.

F. *Dissoire* observes, the Occidentals always ofteem'd the Via Courail Consolid as undersial Conventions. have been first attributed, in Egiptical, to the School of Wickleff: Now it is apply 4 to the Mexicing of Nonconformilit.

CONVENTION, a Treaty, Ocean of Agreement between the most of most Parish. See Treaty, 45.

Convention of the Consolid Consolid of Agreement between the most of most Parish. See Treaty, 45.

Convention of the Consolid Consolid of Agreement between the most of the Consolid Con

trary to Honesty and good Manners, produces a natural Obil-gation, and makes the Performance a Point of Conference Sec OSLIGATION.

Every Contration to the science a Name, and a Cade or Ferry Conflictration, or in has none: 1 in the first Cafe, it obliges good is civily and naturally; in the latter only naturally. See Constitution of the Cade of the Ca

Convention is much used both in antient and modern Pleadings for an Agreement, or Covenant. See Covenant. Hence, Conventions facienda, a Writ that lies for breach In the Book of Roils of the Manor of Harfield in Tark-

in the Book of Rolls of the Manor of Hatfield in Tork-bire, we have a Record of a pleafant Convention, Anno 11. Ed. 111. between Robert de Roderham and John de Bien, the latter of whom fold the Devil in a firing for three-pence alfpenny to the former, to be deliver'd on the fourth Day naments in the termination of the desired that in bounds and after the Convention: when, the Purchasfor making his demand, the Selice retained to give him livery; to the great Lofs (as the Record represents it) of forty Sellings' to the Purchasfor, Sf. But it appearing to the Court that fach a Plea door not lie among Christians; the Parties were adden to the contract of the Court that fach a present of the contract of the Court that fach a contract of the Court that fach are contracted in the Court that the Court that fach are contracted in the journ'd to Hell for Judgment.

Convention is also the Name given to an extr Attembly of Parliament, or of the States of the Realm, held without the King's Writ. See Parliament.

The Convention of Edutes, in 1688, after the Retreat of K. The Lowentiess of Listers, in 1635, after the Retreat of X-James II. upon mature Deliberation, came to a Conclusion, that K. James, by his Practices here, and his Flight hence, had abdicated the Kingdom; and that the Thoroc was vacant; and therefore devolv'd upon King William and Owen Move. See Amplearing. Oucen Mary. See Annication.
Upon this their Affembly expir'd, and a Parliament was

mon'd in their flead. There was a Convention of the like kind in Scotland, and

with the like effect. CONVENTIONE, in Law, is a Writ which lies for the Breach of any Covenant. See Covenant.

Fireherbers calls it a Writ of Covenant.

CONVENTUAL forething belonging to a Convent. See CONVENT. CONVENTUAL, is particularly used for a Religious who actually refides in a Convent; in contradiffication to those

achailly refides in a Convent; in contradillinction to thele who are only Holfs, or are entertained there, or are in pof-fedition of Benefices depending on the Houke. Conventual Pyror differs from a Clauffred Prior, in that the former has the full right and Authority of an Abbot; a the only difference betwom: the being in the Name: Whereas the Giultini Prior is a Dependant of the Abbos, and derives all his Authority from him. See Pacos, and and derives all his Authority from him. See Pacos, and Assor.

Alson:
The Conventual Prior is oblig'd to affirme the Pricithood
in a Year, or at malk in two Years, from the Day of his
Admillion is default whereof, the Benefice becomes vacant.
Some Priories are achaily Conventual, i.e. are flock?
with Religious; others are only Conventual by habitude,
or, g, where there have been so Religious during the Ipace
of a Years: The Cominguance of one fingle Religious, keeps
of a Years: The Cominguance of one fingle Religious, keeps the Priory Conven rual Actu ; for in default of one the Priory By a Declaration of the King of France, in 1680, 'tis

decided, that a Conventuality never degenerates in any lapse of time, while there are regular Places subfishing in it for twelve Religious, with Revenues for their support. See PRIORY. CONVENTUAL Church. See Parish

CONVENTUAL CHURCH. See PARISH.

CONVERGENT Lines, in Geometry, are those which continually approximate, or whose
distance becomes continually lets and tels. See Line.

In opposition to discreptent Lines, whose distance becomes
continually greater. See Diversione.

Lines that counterge one way, diverge the other.

Laurest that converge one way, diverge the other. Convencing Reys, in Dioptricks, are those Rays which in their Passage out of one Medium, into another of a different Density, are refeated towards one another 5 so, as if far enough continu'd, they meet in a Point, or Focus. See RAY, REFRACTION, 25

RAY, REPRACTION, USC.
Thus, all convex Lenfes make the Rays converge, and concave ones to diverge, i.e. the one inflicts 'em rowards a Centre, and the other deficts' em from it; and the more, as fach Lenfes are Portions of finalier Spheres. See Concave, and CONVEX.

On which Properties, all the Effects of Lenkes, Micro-kopes, Telefebpes, Sc. depend. See Lens, Microscopes, Sc. Rays coming converging out of a denker Medium into a rarer, become more convergent, and concur foener than if they were to continue their Motion thro' the first. See Medium.

Rays coming converging out of a rarer into a denfer Me-dium, converge lefs, and concer later, than if they had con-tinued their Motion thro' the first. Parallel Rays, passing from a denser into a rarer Medium, v. g. from Glass into Air, the Surface of the Glass being to-

wards the Air, will become convergent, and concur in a Fo-See PARALLEL Diverging Rays, or Rays coming from a Point, under the fame Circumillances, become converging, and meet in

Form; and as the radiant Point comes nearer, the Feens goes further off: If the Radiant be near, the Feens will be infinitely difficult in the Radiant be near, the Feens will be parallel; And if the Point be brought nearer fill; the Rays will diverge. See Divergent; for also Convexity, Concavity, and PARALLELISM.

PRAILELING.

CONTRONOS SOries, in Mathematicks, a Method of Supordination, or coming fill neater and notice towards to,
mer Rote of any Number, or Equation is even the letimposfills to find any fact true Rote in Numbers. See
Affracescarptions je feal SERSILLS, QUARTATURE, GECONVEREE, in Cooncrety, SE-. A Proposition is full
to be the Country of numbers, when after drawing a Coutent of the Country of numbers, when after drawing a Couwhen the Country of numbers, when a proceed to impose
what had been before concluding.

what had been before concluded, and so draw from it was had been fapport. See Governancy, That if the sale had been fapport is See Governancy, That if the sale Sides of Timingle be equal the two Angles regorders of the Sides are equal side: The Governor of the Proofition of That if the two Angles of a Triangle be equal, the two Sides opposites who for Angles are equal side, regorders, sides opposites who for Angles are equal side, regorders, sized Direction 5 i.e. by the latter, the Promoter's could to the Significant, according to the Order of the Signs; the the fement is a carried from East to Weel, and country to CONVERSION, its moral Sides, a trains from East.

the Obser of the Signs, CONVERSION, in a moral Senie, a return from Evil to Good; refulting from a Senie, either of the natural Deix-mity of the one, and Amisblench of the other; or or in Advantages and Difadvantages that await the one and the

Or, It is a Change of the Heart, with a regard to the Morals, Paffions, Defires, Purfuits; and of the Mind, with regard to the Sentiments, &c. Conversion, Conversio, in Logicks, a Circumstance, or

Affection of Propositions, wherein the Order of the Terms, or Extremes is changed; so that the Subject comes into the

Addition or Propositions, whereas the United on the stans, and the proposition of the Proposition of the Proposition in the large law of the Proposition, and the Proposition in the law of Sabjedia, without say Alexandon in the Quality of citize. As, No First as Place, No First a Privace I which to Sabjedia, without say Alexandon in the Quality of citize. As the Proposition of the Proposition of the Proposition of Consequent in Sabjedia and the Proposition of the Hander and Obligation of Consequent in Sabjedia of the Consequent in Sabjedia of the Proposition of the Consequent of the

belife chaptes the Fisco of the Terms, there is a Chapte of an universal Sign tone a particular cos: As, Every and Man Bullet site Weifrer of his Country, Some Man that the Country, Some Man that the Country of the Country Man is a Asimal, Every Man is a Asimal, Every Admai to Countryline, call by Countrylifties: As, Every Man is Countryline, the Countryline, the Countryline of Agents of the Countryline, Countryline, the Countryline of Agents of the Countryline, the Countryline of Agents of the Countryline of the Countryline of Agents of the Countryline of Agents of the Countryline of Agents of the Countryline of

nterfectes? interfecit Anthonius. Desideratis clarifi cives? cofque vobis eripais Anthonius. Authorisas bagus et-dinis afficta est? afficis Anthonius.

anti appete q: agrixir yntoonus.

Conveniences, in Was, is when the Soldiers are ordered to prefent their Arms to the Enemy, who attack ten in Blank whereas they were before (append to be in Front: The Evolution necessary thereto is called Conversion, or Quarter-backeton.

volution necessary thereto is called Convergent, or Americalized Soc Quarters, westerling, Soc Quarters, westerling, Soc Quarters, which is the Quartity Sought, or any Part thereof, being in Fractices, the Whole is reduced to one common Demonstration; and they omitting the Denominators, the Equation continued in the Names are not Soc Fourteen way and Faurteen. Numerators only. Sec Equation, and Fraction.

Thus, furpole $s - b = \frac{ds - ds}{ds} - b + b + b$, multiply all b, and it will thus thus, ds - ds = s + (ds - ds).

A set it will thus thus, ds - ds = s + (ds - ds) + ds.

The set of the set of the thus the properties by Course of Education, and Course of the set of

tween 2 and 1, as between 8 and 4. CONVERSOS. See CONVERT.

CONVERT, a Person who has undergone a Conservi-See Conversion.

See Conversion.

Occupit is chiefly used in respect of Changes from any

Religion or Religious Soft to another Religion or Mengious Sect to another.

Converts, with relation to the Religion turn'd to; are

Assembated Applicates, with regard to that they have relin-

define the ADMANNA of See APOSTATE.

the Rells. See ROLLS.

mer III. no America Compression was given for Ecciping of the Rest vet, in a Mansilité Sené, ne vet. privire, ng 2007 titte, adamted for the Service of the House is without Or-ten, adamted for the Service of the House is without Or-ten, and net intoole of thing in the Casto. See Lax. or the Compression of the Kith Century, when they began to receive manufactured interest Persons, neargoble on being Cleak, and any defined for Bodily Labour; the Signification of the Mith Century, when they began to receive manufactured interest Persons, neargoble on being Cleak, and any defined for Bodily Labour; the Signification of the Compression o He of becoming to.

CONVEX.

CONVEX Mirror.

See Mirror.

Lun.

CONVEX Lett.

CONVEX Lett.

Lun.

Convex in the convex i. e. a

convex. It is exterior surface of a convex, It is elected by a convex of the converted by t

DOE, and LENS. nos, and LENS.

A Courar Mirror represents its Images smaller than the Chiefts; as a concave one represents on larger: A convex Mint reflects the Rays from it, diverging 3 and therefore

Most reflects the Rays from it, diverging a and therefore dipters and weathers their lifted: a a conceive one reflects into coverering; fo as they concer in a Point, and have been being a constant of the point of a finisher, being a finisher of the lifted and difference being the more. See Minanon. A thoree Lear is either convers on both dides, called a former formers or "its plain on one Side and converse on the set of the control of the lifted and lifted a four on the other, called a Converse Concave, or Concave, Green, as the one or the other Surface prevails; i. e. as this

or that is a Portion of a finaller Sphere All Corper Lenfes inflect the Rays of Light in their Pafis i.e. fend them out from their contact Surface conversite: 6 as that they concur in a Point, or Focus, See Con-

Hence, all Convew Lentes magnify, i. e. reprefent their larger larger than their Objects; and this the more, as they are Portions of finaller Spheres. See LENE, REPRAC-

THIS, HE. ANCE, in Law, a Deed, or Infirument, by slich Lands, e.e., are compay'd, or made over by the Profess, or Owner thereof, to fome other Perfon. See Dran. CONVICT, in Common Law, is one that is found guilty of an Offence, by the Verdict of a Jury. See Caiminal, Vitance 86.

ADICT SEC

According to Crompton, a Person is also a Convist, or faid to be convisted, when, after having been outlawed, he appean and confesses. See Outlaway.

PAIN AND CONFIGURE SEE OUTLAWAY.

OWNERS and Attainder are frequently confounded. See
ATMANDER, and ATMAINNED.

A COUNTRY EXCEPTION.

A COUNTRY EXCEPTION.

A COUNTRY EXCEPTION.

TO COMMENT OF THE COUNTRY OF THE COUNT

the Common Prayer, according to the Statutes 1 and 23 Die and 3 Fac. I. This is commonly understood to be a Popish Reculant; the any others that refuse coming to Church on the same Account are as properly denominated Reculants. See Re-

CONVICTION, in Theology, the first degree of Repen-tine; wherein the Sinner becomes sensible of his Guilt, of the eril Nature of Sin, and the danger of his own ways.

SCE REPENTANCE.

See REPENDANCE.

CONVICTION, In Law. See CONVICT.

CONVIVIUM, Bengist, in our suffice Cultons and Law Book, Significe the farme Thing among the Laity, as Alex Book, Significe the farme Thing among the Laity, as Freezense smong the Clergy; viz. when the Tennes is sidiligid, in virue of this Tenner, to provide Meat and Drink for his Lord once or ofner in the Year.

CONVOCATION, a National Synod, or general Af-fembly of the Clergy; funmon'd by the King's Writ to configured the more weights Affairs of the Church, as of sas Parliament is consoled to confult of those of the State. See Synon Crancy Mc

The King's Writ is directed to the Archbifton of each The King's Writ is directed to the Atchbifhop of each Province, requiring him to lummon all Bifhops, Deans, Archdeacons, Cathedral and Collegiate Churches, &c. Upon which, the Archbifhop directs his Mandate to his

Andelectors, Cathedra and coungils current, 50% on his Deals Particula, 146 (ting his prepringit), time willing him, in the maner, no circ all the Ellings, Denn, 65% on the Copy of his Particular, but the Ellings, Denn, 65% on the Copy of his Particular bed made to the Copy of the Particular bed to the Copy of the Particular bed to the Copy of the Particular bed and two for the Body of the intrine Copy of text Director may faller. Visit the Denn secondary does.

On the Copy of the

The lower House confishs of 22 Desns, 24 Prebendaries, 54 Archdeacons, and 44 Cierks, representing the Diocesia

Clergy.

Things are first usually proposed in the upper House; then communicated to the lower. All the Members of both Houses have the fame Privileges for themselves and mental Servann as the Members of Parliament have. See Parlia-

MINY.

The Archbishop of York, at the fame Time, holds a Concentrium of the Clergy of his Province, after the like manner, ar York; and, by conflant correspondence, debates and concludes of the fame Mattern as are debated by that of Contrabary. Not that the Northern Province is obliged to follow what the Southern on does. See Protocuryon.

tollow what the Southern one does. See Protocuron.

The Englift Clergy, antiently, had their Representatives in the lower Houle of Parliament; as appears by the Re-

in the lower House of Parliament; as appears by the Re-ced much prist by my Lord Cabe.

CONVOLUTION, a winding or turning Metion, proper to the Tranks of fome Pinus; as the Convolution, or Bind-weeds, and the Claffers of Vines, and Briony.

Dr. Grew thinks, that all thoe Pinuts whose Roots are twisted, have fact a Camelarien: and he stiffpus two great efficient Causes of this winding Motion, the Sun and the

AMOON. It is very easy to try whether there be any fuch Composition on the Trunks of Plants; which may be done, as he bints, by trying a little bit of Paper to any of the Bearches which are exactly North, South, \$5e. and then feeing whether it will change its Pofition or not, in respect of the Point of the Computs.

Point of the Computs. CONVOY, Effort, a Sca Term, fignifying one or more Veffels of War, intruffed with the Conducting of a Fleet of Marchants; strong as a Watch, and a Shelter from the In-fults of the Bennies of the State, or of Firates. See Becoax, and CONSERVE.

and CONERRYE.

The Word is also used in speaking of Military Affairs by
Land; where it fignifies a Body of Forces sent to guard a
Supply of Provision, Arms, Ammunition, or the like, going to a Camp, or the like.

CONUSANCE. See COGNISANCE.

CONVICESION, Spaffmus, in Medicine, a continued in-convictation of fome Parts of the Body otherwife accusion of to move according to the Direction of the Will. See SPARMIN

It owes its Origin to a Contraction of the Muscles of the Part, occasion'd by a too copious and violent influx of the nervous Juice: Of thele may be infinite Guiles in the Blood, Arteries, Meologos, Brain, Nerves, Mufeles, Cranium, &c. See CONTRACTION.

See Convenerations.

If the Convenifies be universal, attended with violent Mo-tions, foaming at the Mouth, and periodical; it is usually called the Epilety's See Explicits.

The usual Evacuations and Medicines proper for the Cure

The usual bracustions and Medicines proper for the Care of Couvollbaus, one Philabours, Pinneteck, Catestrick, Egif-agilitik, and proper Carbalacks; as Sai Volat Oney, Syrvis of Larenders, Timblieve of Colley, Consuber of Antimony, Coffmentor Root, Vantalia Sair of Ambour, Sa. Gymanor Root, Valerian Root, Valerian Sair Oney, Coffmentor Root, Valerian Sair Ambour, Sair Gymanor, In periodical universal Corvulfion, a Sailvation formatimes anison, after other Courtes have fail'd.

Women and Children are particularly liable to Convul-ficus: Women after Delivery; as upon a Stoppage of the Lechia, or a violent Extraction of the Placenta. See Con-

CONVULSIVE, in Medicine, is applied to those Mo-tions which, naturally, should depend on the Will; but which, by some external Cavic, become involuntary.

A Convenience Motion, is a Contraction made by Fits and intervals; wherein it differs from a Convenience, which is a continued Contraction. Convulfius Motions arise from a Disorder in the Origin of

the Nerves. A Countifive Tention of the Solids, is one of the principal Caufes which defines the Equilibrium that should obtain between the Solids and the Flaids. Journ. In

CONVULSIVE is also used for any Thing that occasions Convulfien, or a Convulfive Merion.

Thus, Wounds of Nerves are faid to be Comunifice; white

Hellehore is Convultive.

Children are very liable to Caronifere Diforders from va-rious Cautes; as Repletion, curdling of the Blood in the Stomach or Intellines, Worms, Dentition, &c. See Caut-Stomach or Intellines, Worms, Dentition, 90: See Calladara, Womass, Diantificion, 25c.

The Cramp is a Convulfer Contraction of some mufcular Part of the Body. See Carmy.

COOK.ROOM, in a Ship, is where the Cook and the Mate decis and deliver out the Meat, 25c.

Mate deets and deliver out the Mear, Efc.
COOLERS, in Medicine, Remedies fo call'd; which
may be confider'd under these two Divisions: 1st, Those
which produce an immediate Sense of Cool; which are rais
at have their Farrs in less Motion than those of the Organs

of Feeling. Sec ColD.

adly, Such as by a particular Viscidity, or Groffinels of tres, give a greater Confishency to the Animal Fluids than tres, give a greater confishency to the Animal Fluids than Parts, give ... they had before; whereby they are disabled from moving fo fast, and will therefore have less of that intestine Force on which their Heat depends. See CALIPUM.

Of the former Kind are Fruits, and acid Liquots; to the latter belong Cucumbers, and all Substances producing Vif-

COOM, a Term for Soot that gathers over an Oven's

Mouth; and aifo for what works out of the Wheels of Car-

Soot is fometimes used in Medicine, infus'd in Wine with ther Ingredients, as an Antihyflerick, and against Palpita-tions of the Heart, &c. See Soor.

The Spirit of Soot is also used for the same Intentions, tions of

and in Cephalick Cafea.

COOMB, or COMB of Corn, is a dry Meafure, containing four Buffiels, or half a Quarter. See Measure; fee also Busses. Se. COORDINATE, fomething of equal Order, Rank, or

another Degree with anomer.

GOOR DINATION, in respect of Causes, is an Order of
Causes, wherein several, of the same Kind, Order, and
Tendency, concur to the Production of the same Effect.

OCPAL, a Gum, of an agreeable finell, refembling that of locenfe; brought from Newsjain, where it ooses out from locitions made in the Bark of a large Tree; much after meaner in which the Vine yields its Water, when cut in the

Spring. See Gust.
The Indians uso it to burn on their Altars: Among the

The Instants who it to burn on their Altars: A Among the Europeaus, it is used in Disfacts of the Heart. "Tis very rare: when good, 'tis of a fine transparent yellow; and ments easily, either in the Mount or Fire."

It is a deficed of this is brought another Kind from the Anti-less which is should the one of the standard of the stan les, which is almost the only one known among the Druggi Its chief Consumption is in the making of Varuish.

VARNISH COPARCENERS, or Parceners, unite COPARTNERS, and Partners, are fuch as have equal Portions in the Inhe-

ritance of their Ancestor. See Parceners. Parceners are to either by Law or Cufton. Parceners by Low, are the Iffue Female; which, in default of a Male

by LEON, are the time remains; watch, in octual of a Male Heir, come equally to the Lands of their Ancethor.

Parcount by Guiffent, are those who by fome peculiar Custom of the Country, challenge equal Parts in Such Lands; as in Kent, by the Custom of Gaveikind. See Gatands; as in Kent, by the Custom of Gaveikind.

VELEIND. The Crown of England is not subject to Coparceny. See

CROWN.

COPARCENY, or COPARSENY, the Share or Quota of a Coparceuer. See Coparceners.

COPE, an Ecclefiaffical Ornament, usually wore by Chantors and Sub-Chantons, when they officiate in Solemanty. See CHANTOR.

"Tis also wore by the Remiss Bishops and other Ordinaries: It reaches from the Shoulders to the Feet. The Antients called it Pluvial.

called it Private.

S. Martin's Corx, was a Relick, formerly in great Effects
among the French Kings, and carried with them to War
as their Stundard. See Chrastra, and Charlash, as their Stundard. See Chrastra, and Charlash, six the System COPERNI CAN Spitem, or Hyperboxis, is the System of the World, wherein the Sun is supposed at refit in the Centre, and the Planets, with the Earth, to defertibe Efficience and the Planets.

Sec System. nim. See SYSTEM.

The Heavens and Stars are here supposed at rest; and that diurnal Motion which they appear to have from East

to Weft, is imputed to the Earth's Motion from West to East.
See Earrs, Sun, Stan, Sc.
This System was affected by many of the Anticus; 3 sod

This System was affected by many of the Amicess; and particularly Eephonates, Sciencess, Ariftereits, Philology, Place, and Pythogorat; from whom it was anticutly drom minated the Pythogorat System. See Pyrthacon Ram, It was also held by Archamedes, in his Book of graps, arms error emmero; but after him it became explicited, and for many Arch. itill about 30 Years of many Arch. itill about 30 Years of many Arch. itill about 30 Years of the second and the second arch.

even forgotten, for many Ages; till about 200 Years ago when N. Copernicus revived it; from whom it rock the Name of the Copernicus System.

Nich. Coperni

cus, now a Name fo popular, was been at Nick. Capernicus, now a Name to popular, was born as Thorm, in Popilis Praffic, in the Year 1472, according to Jumilinus, or 1473 according to Mellinus. After the usual domestick Education, he was fent to the University of com; where he applied himself to Philosophy and Physic, or year to be a published to the proper of the company of the com; where he applied himself to Philosophy and Physic, the property of and at length commenced Doctor in Medicine. In the men and at length commenced Boctor in Medicine. In the using time, having a fitnong Propentity to Mathematicks, be dil-gently attended the Lectures of Milert. Bruskeeving, and even learn of him at home. After he had here attained to the Ufe of the Aftreibbe, and was covering upon Aftron. Constitution of the Abready, and was cereing upon Afraga-mery Le wood Regimenterant for his Guide 'T ble Re-ney Le wood Regimenterant for his Guide 'T ble Re-throw all the Marthematicks of the Age, yet he Gened Sun Land and the Constitution of the Constitution of the Constitu-ing, in which he is faid to have excelled. When 15 Years of age, being at Estudiey, the became acquainted with a eminent Martematician Dom. Adreis Perestrictly is at was achieved to their with him in making of Altrocoulder Observations. Here, in the local way by the one of the end of the Constitution of on to Rome, he taught publickly, and made some confiderable Observations; and at his return to Cracece, was made Canon of the Church of Wermslands, or Ermeland, and at length Vicar-General

The Course he took in professing Astronomy, which has render'd his Name immortal, is as follows: Observing has the Astronomers of those Times were gravell'd to make the the Altronomers of those Times were graveled to mike the Planets more equably in circular Orbits, vize. to lapple em to move, not about their own Centre, but that of the Equant; and that they could no way make out a tolerably regular System, out of all their Shifts and Hypotheles; He reford to try what be could do. With this View he pe-raid the Writings of all the Philotophers and Altronomer. cutant; and pick'd out of each what appear'd probable and elegant. In this Review he was chiefly taken with two sioft fimilar Opinions; (the one attributed to Martisum Co pella, the other to Apollenius Pergeus:) which give a very good Account of the Motions of Venus and Mercury; and explain the Caufe of their Directions, Stations, and Remo explain the Caute of their Directions, Stations, and Remo-gradations very happily: The latter, withal, performing the lame in the three fuperior Planets. Bur, then, in both their Hypothetis, the Earth being Juppos'd the Centre; to permissis close trather to adopt the Opinion of the "Pythyr-trams; to remove the Earth out of the Centre of the Verid, and to give it, not only a diurnal Motion round its out Axis; but also an annual one round the Sun.

Acts i for alle in annual one round the Sun.
On this Footing the legal to obliver, calculars, compare,
On this Footing the legal to obliver, calculars, compare,
Office, and at length, after a long folializes Difsquirition, faired himself in a Condition to account for the Phenoment and
Musions of all the Planets; and to make an orderly for
rangement, or Difforition of the whole Reversey swhering
onlying could be alreed, or diffact di, without beniging the
Intl. Consideration must be whole.

The Consideration the whole.

The their proceeded to famility himself with four-time
of the proceeding of the proceeding of the control of th

Apparetus; particularly a Parallactick Instrument, and foot Prolemaic Rulers, wherewith to observe the Altitude of the Stars, and determine the Periods of the Sun and Moon: And without other Means, composed his fix Books de Or bium Celestium Revolutionibus; containing the Whole of Astronomy, deliver'd after the Example of Protemy, in the brum Celestium Revolutionibus Attrosomy, octiver a stee the Example of Protony, in the Geometrical Method. We have already oblived that is began it in 1507; He finish'd it in 1500. Five Years effect he polish'd and improv'd it. He died of a Dylentery, and a Piliyo oh in right Side, in the Year 1545.

See the Order, and Disposition of the beaventy Belsie, as tall down he had no control with those in the other Side.

laid down by him, compar'd with those in the other Sys-tems, under the Head System.

tems, under the Head System.

COPENNICUS, is the Name of an Altronomical Influences, contrival by Mr. Wolffen, for the Calculation and Exhibition of Ediples, and of the Motions of the Planets, both Primary and Secondary, Ed.

It was for Carld by the Inventor, as being built on the Office of the Company of

agreeably thereto.

It confitts of feweral concentrical Circles of Wood 1 upon which are inferible Numbers, transferd thinker from the Aftronomical Tables: By the various Disposition of these Circles, which are made to as to slide within each other, Questions are folv'd; and thus long Calculations are fav'd and the Work of many Hours brought into a few Minutes.

COP COP

For the Enhibitor of Eclipfes, there is a positive eleption of Eclipfes, there is a positive eleption of Eclipfes of a structural Globe, go defined as the
being surfaced that Asia, the Light of the Conna, as the
being surfaced that a glish Tance, mark? do us into concering the control of the Eclipfe, with its Degree or Quantity in
the Light of the Eclipfe, with its Degree or Quantity in
the Part of its Eth, agreetably and canturarly repredicted,
"the Infrastructural Conference on the Con Gription were fuperfluous.

spiese were injectiones. In Austrole and Street, and S of heir Fradice of Circumciting: Bus P. Sellier, another fight; petters this Opinion. Settinger afterwards changed his Opision, and deriv'd the Word from AITTITOS, the anace Name of Egypt, by rerecuncing the first Syllable: But this Opinion, too, P. Sellier disputes. John de Leo and deep fly, that the Egyptiens and enterty called their Country Behilt or Childs, thom Childs their fift King, whence Opinion, Sc. others fly from Chestine Second King of Egypt. Vesileb derives the Word Coabti from Coat Son of Militaria. smillen of Neath.
All these Etymologies P. Sollier rejects, on this Principle

All facts frythologies F. Souter rejects, on this remember, that were they true, all the Egyptians ought equally to be salled Cobits: whereas, in effect, none but the Christians.

and among those none but the Jacobines bear the Name; the Mekhiris not being comprehended under it. Hence he thuses to derive the Ward from the Name Jacobine, by retreaching the first Syllable 3 whence Cobite, Cobus, Copies, and Copies.

s, Citá, and Cophia.

As to the Hieratchy of the Cophii, they have a Patriarch, the relicies at Cairo, but takes his Title from Alexandria:

He has no Archbifhop under him, but 1s or 1: Bifhops, Thereff of the Clergy, whether Secular or Regular, is compole of the Orders of S. Anthony, S. Paul, and S. Maca. nut. who have each their Monatheries

pile, we have each their Monatterres. Beside the Order of Priefts, Deacons, and Subdeacons, the Ossiti have likewife Systemetes, or Archimandrises, the Digity whereof they confer with all the Prayers and Ceremiss of a ffeit Ordination.

This makes a confiderable Difference among the Prieffs; sal buildes the Rank and Authority it gives them with reand befales the Rank and Authority it gives them with required to the Religious, comprehends the Degree and Famelius of Arch-Priefts. By a Cafform of 600 Years flunding, if a field elected Biftop be nor already Arch-mountains. The Bigiting must be confort of on him before, Epitopail Ordinarion.

Busty must be confired on him before Engineen Collections. The forced Perfords among the Celegy, after the Panish, is the Tiraker Partisech of Jernshitzen, who add ne-billes Letter, by readon of the few Collection 2 Gregorian and the Panish and Panish

To be elected Patriarch, us necessary the action have been all his Life in Continence; and even that he be a Vigin; Tis he confers the Bishoppicks. To be elected Bishop, the Person must be in the Celibare; or, if he have

been married, it must not be above once.

The Priefls and inferior Ministers are allow'd to be married

The Friefs and interner Painters are allow a to the Markette before Ordination; but are not obliged to it, as Ludolphus nillakenly observes. They have an Infinity of Deacons, milikenly observer. They have an infinity of Deacons, and ere confer the Dignity frequently on Children. None let the lowest Rank among the People commence Ecclesial-toks; whence sailes that exceeding logorance found among ten; It the Respect of the Lairy towards the Clergy in New commentation.

ay extraordinary.

Their Office is longer than the Roman Office, and never changes in any thing: They have three Liturgies, which

vary occasional

ly vary occasionally.

The Menastick Life is of great Esteem among the Copbes: be admitted into it, there is requir'd the Confene of the a kadmired Imo ir, there is required the Coicion of the Billow. The Religion Copier made a Yow of perpension. The Religion Copier made a Yow of perpension of the Common Country of in Experiment Common Country and the Common Country and their Girling on Mart Herich'de an the Ground Loude Martin Manufacture (1997) and the Common Country of the Common Country of the Common Country of Martin Country (1997) and the Country of the Martin Country of the Country of the Country of the Martin Country of the Country of the Country of the Martin Country of the Country of the Country of the Martin Country of the Country of the Country of the Martin Country of the Country of the Country of the Martin Country of the Country of the Country of the Martin Country of the Country of the Country of the Country of the Martin Country of the Country of the Country of the Country of the Martin Country of the Country of the Country of the Country of the Martin Country of the Martin Country of the Country of

13) Wives, and cipoude others while the first are living, ad, Tair they have force Sicremoun, etc. Bigifin, the Ex-ception, the Common of t

That have one more than where, when an action in Jense Land have one one Nature, Wan, and Action in Jense In For their Research to Dickpipe, they will be Dickpie, they have been a support of the Parallel of circumcining their Calidren before Bay-line, which has desired a many of more the XII-bit Carlon, which has desired a many of the property of t tis'd as a Ceremony of Religion; nor as of any divine Ap-pointment, but merely as a Cuftom which they derive from the Ilbunethes; and which, perhaps, may have had its Ori-gin from a View to Health and Decency in those hot Counice. See CIRCUMCISION.

The Capter, in different Times, here made foreral Re-untions with the Lawre; just always in Appearance only, and under fonce Neterlity of their Appearance only, and auther fonce Neterlity of their Appearance on the Paris Appearance of Paral IV. a spring as undispated to after four the Paris and Appearance of the Capter of the Paris of the Capter of their appearance of the Capter of the Appearance of the Capter of their appearance of the Capter of the Capter of the Capter of the their appearance of the Capter of the Capter of the Capter of the paris of the Capter of the Capter of the Capter of the Capter of the paris of the Capter of the The Costra, in different Times, have made several Re

licel Nenrio.

But the Jefuit, upon a Conference with two Cophsi depa-ted for that Purpole by the Patriarch, was made to know, that the Titles of Father of Fathers, Pollon of Pallors, and Master of all Charebet, which the Patriarch had to and Mafter of all Chewchel, which the Fatriarch had be-flowed on the Pope in his Letters, were mere Matters of Civility and Compliment; and that it was in his manner the Fatriarch and to owner to his Friends: They added, that fince the Council of Chaiteney, and the Ethblishiment of different Fatriarchs independent of one another; each was Chafe and Mafter of his own Church. This was the Aufwer different Patriarchs independent of one another; each was Chief and Mafter of his own Church. This was the Anfwer the Patriarch gave the Pope, after he had received a Sum of Money remitted to him from Rome, by the Hands of the

COPHTIC, or COPTIC Language, the Language of the Copini. This is the antient Language of the Egyptians, mix'd with a great deal of Greek 4 the Chemiter it is written in

with a great deal of Greek 3 the Charaften it is written in being all Greek. See Copyrit, and Language. F. Kurther is the fift who publified a Grammar and Vo-cibility thereof. There is not known any Book extrait in the Coplina, except Translations of the Holy Scriptore, or of Ecochilitic Offices 3 or others that have relation thereo, as Diffensation, 50c. See Bilels.

The astimet Depthic is now no longer found, but in their

Books: The Language they now use throughout the Country

is Arabic. is Artane.

The old Cophrie, which Kireber maintains to be a Mo
ther Tongue, and independent of all others, has been much
alter'd by the Greek: For befides that it retains all its Chaifters, with a very little Variation, a great number of the

Words are pure Greek.

Words are part Greek.

Figlin; indeed, different that there was no Ophiric Language and Righty become fished; to toke Arabi. The Language, as a fine part of the part of the Company of the Company. But this, M. Some observed water Matters of the Company. But this, M. Some observed water Matters of the Company is the thing the Company of the Company o tirely lost their antient Tongue; that 'tis now no longer un-derstood among 'em; that they have nothing extant there-

derinod among 'em; that they have nothing exant there-in but form faced Books; and that they till for Mafi to it, and file harves in effe alterni labri facri, alterade autors is amufit; in qualitations.

All their other Books have becautrasflated into the Archie, which is there valgar Tongue; which has occasiond the Originals to be left: Tis added, that they releasely the Physics as Mergies in the Mafi except on Parkles, and

Epitities and crothers in the small trivits quite in 1998-1998 and source in Opphite.

Indeed, if we believe F. Vanlleb, the Ophit lay Maß in drashie, all but the Epitities and Golpes, which they re-hearfe both in that and Ophite 3 La Maffa celebrano in timgna

gun Arabica, eccesso l'Evangelio & alcune altre cost che sef-gliano loggre nella lingua Copta & Araba. COPIA Libelli deliberando, a Writ which lies in Case where a Man cannot get the Copy of a Libel at the Hands of the Ecclefiaffical Judge.

COPIATE, under the Western Emrire, a Grave-digger. In the first Ages of the Church, there were Clerks deftin'd for this Employment. In 357, Confiantise made a Law in favour of the Prieds Copiases, i.e. of those who had the Care of Interement; whereby he exempts 'em from the

Luftral Contribution which all other Traders paid. It was under him that they fift began to be called Co-piates, a. d. Clerks defined for bodily labour, from and of our to family, each, from. Before that Time they are called Leeons and LeGlicerii 5 perhaps, because they were which by Decade or Two each whereas had a Birdivided by Decads or Tens, each whereof had a Bier or Little for the Carriage of the dead Bodies. See DECANUS,

and LECTICARIUS. Their Place among the Clerks, was the next in order before the Chantors.

before the Chantors.

COPING of a Wall, the Top or Cover of a Wall, made
floping to carry off the wet. See Wall.

Coring over, in Carpentry, a fort of hanging over, not
figuare to its apright, but bevelling on its under Side till it
read to on Education.

cod in an Edge.

COPIVI, CAPIVI, COPAYBA or CUPAYBA, a Baim
or Balfam, oozing out of Incifions made in a Tree of Brafil;

nor taken notice of but by very late Writers; at least, not under this Name. See Balm. It is of a thinner Confiftence than common Tury

but much more fragrant and deterfive. It is extremely nut much more traggant and occurrer. It extends to quick in puffing off by Urinc, and mightly cleasifish those Patileges; by which it has obtaind very much in Georgian Process, Seminal Weakenfiet, the Whites, and all Otheractions, and Ulceracions of those Parx. It is likewise appoint of the Parx. It is likewise appoint of the Park. It is likewise appoint of the Park. especially Catarrhs, ticking Conghs, spirting of Blood, &c. In Dysenteries and Diarrheas of long continuance, where the Muons that lines the Inteffines is, by the Acrimony of the Humonrs abraded, it is of great fervice in fupplying its Piace by its balfamick quality. It mixes intimately with the Yolk

In Egg.
The Jews wie it to flop the Flux of Blood after Circum-

COPPEL, COPEL, or CUPPEL, call'd also Test, a Vef-fel used by Refiners and Efflyists, to try and purify their Metals.

Dateius.

The Criptel of Effey, is a little flat Velfel, compos'd of Vinc Afhex, and Boncs of Sheeps Feet, calcin'd and little, viated, to leparate the Salty, which would otherwise make it crackle. At the bottom of the Velfel is a little Cavity fill'd with a kind of white Varifile, compos'd of Hardhess or of Bones of File, calcin'd and dilleted in Water: the Ufe of this Liquot is, that the Gold or Silver to be efficy'd may be more conveniently lodg'd, and that the Button of the Effay

may be feparated the more easily. See Essay.

Note, Tho Metals may be tried otherwise than by Copteling: and the the Touchflose, Graver, Se. are of some fervice to the Goldimith in judging of their Purity; yet, 'tis certain, without the Coppel 'tis difficult, not to fay impossible,

centin, without the Chypd in difficult, one to far impossible, to know their period degree of Pattiry. The Refiner's Chypd, is a large Free-Chao Velfel, lined withinfied with a sind of Father made of Africa well artistic, cleaned, of pl, beates and father interest, cleaned, of pl, beates and father interest. The characteristic control of the control of the characteristic control of the charact

Copper is of all Metals the most ductile and malleable after Gold and Silver and abounds much in Vitriol and Sul-

phur. Sec VITRIOL, Sc. The Chymits call it Venus; as supposing it to have some ore immediate Relation to that Planet. See Venus.

more immediate Relation to that Planet. See Vasses. By an Analysis it appears composed of a Solphur ill di-gefield, a yellowith Mercury, and a red Sult. "Tis found both in Duit and in Stones, each of which are fiftl well walfid, to Separate 'em from the Earth wherewith they are mix'd. In this State 'this call' Virgin Copper.

After washing 'tis melted, and the melted Matter run into a kind of Molds, to form large Blocks, by fome call'd Sel-

To render it more pure and beautiful, they melt it again once or twice; from of its osarfe earthy Parts being left at each Fusion, and a Quantity of Tin and Antimony added in each. In this Stare 'tis call'd Rafe Copper, in Latin AS

Of a Mixture of this and Lapis Calaminaris, is form'd Brafs, which the French call yellow Copper, in contradiffiction : Natural Copper, which they call red Copper. See Bass.

Copper melted together with 22 or 23 Pounds of fine Tin per Quintal, makes Bell Metal. See Beat. Metal. Copper melted with Calamine, quantity for quantity, makes Brafs. See CALAMINE.

Copper and Brais melted in equal Quantities, make what the French call Brouze, used for Figures, Statues, Sc. Sec FOUNDERY.

Copper turns white by an Unction of Spirit of Wine and Orpiment. Phny fays there is a Copper naturally white, found underneath the Silver Mines. The Use of Copper is very extensive: Among other Works of Copper may be reckon'd those of Brass, Bell Me-

tal, Por Meral, &c. which are all Compositions where Cop per makes the prevailing Ingredient.

for makes the prevailing Ingredient.

The Chymith call Suffron of Copper, or Crees; warn, a Preparation of Copper Plates iteratived with deceptuted Salt, in a Credible; after having extinguished em in Water, and ferap'd 'em with Iron Brethes. This Suffron is very red, and is used in Emplaithers to mundify Wounds and Uty red. and is used in Emplaithers to mundify Wounds and Uty Res. See Cancers.

Some Chymits have pretended that the Spirit of Vesus was a real Alkaheft, capable of diffoliong wholy Pearls, Carals, Crabs Eyes, Sc. without any Dimination of its force, but Experience has flewn the contrary. See Alcanter.

The Calx of Brufs, called Æs Uflum, and fornetimes also Soffron of Venus, is nothing but Copper calcia'd in a violen Fire. See Æs Usyum. Verdigreafe is a Ruft of Copper. See VERDIGREASE.

Verdigreale is a Ruit of Copper. See Varniora.ss., M. Beeber observes, that the drinking of acid Liquon, com-out of common Silver Plate, is very unwholesom, by reake of the Mixture of Copper therein; much more out of Vosses of

The Indian Phylicians are faid to fet a great Value of Tale and yellow Copper; which, they fay, confumes the most vifeid Humonra, and removes the most obstinate Ob-

COPPERAS, or COPERAS, a Mineral, form'd in Coper-Mines, and which is properly a Kind of Vitriol. Son VITEIOL.

Copperse is purify'd and prepar'd in the fame manner as Allum and Sale-petre, by pating theo feveral Lixiviums, till it be wholly reduced to Crystal. See Saur. Some make Copperse to be the Chalcitis of the Antiena.

CE CHALCITIS. But the more common Opinion is, that 'tis rather a Cal-canthum, or Vitriol. See Calcanthum.

ceathem, or Vitrio. Sec CALCANTIVAM.
There is Opports of England, or Pipl., Germany, Opim,
Bangery, and Roly, which only differ from setch other to.
White Copperat, is the Opperation of Germany, califul,
laid in Water, thesee filterated, and reduced to Salt's where
of, as it ecogalists, they from Calcant of our or 50 end each
fash see thole brought from Giffater in Satisty. This Same
Opperation, or the whether, is not bailing from, clear all
Opperating the whether, is not bailing from, clear all
Opperating the whether, is not bailing from, clear all
Opperating the whether, is not bailing from, clear all
Opperating the whether, is not bailing from, clear all
Opperating the shades, it is not bailing from, clear all
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Opperating the shades it is not bailing from, clear all
Opperating the shades it is not bailing from the shades it is not bailing the shades it is n

The Englift Copperas is of a fine green; that of Cypras and Hungary a fky-blue, in Pieces cut like the Point of a Diamend. That of Pifa and Italy is likewife green; and the last as transparent as Glass. Copperas is of confiderable use in many Preparations; but

especially in Dying. The Hatters also nie it in their dye; d this and Galls are the Ingredients that compose writing Ink. Sec INB, &c.

The ordinary English Copperas is made of a Kind of Stones found on the Sca-shore in Essex, Hampshire, and is Westward, ordinarily called Gold Stones, from their Colours they abound much with Iron.

mey a pound much with fron.

To prepare the Coppera from them, they are lidd in
Heaps or Bods under ground. In process of Time they fired
and ferment; and, by degrees, a Humour diffills out, which
desirating into a Ciliem, and afterwards boil'd, in the belling
shoots into those Crystal, we fee it in. The Works at Deptford for making it, are known to make

People. . Many Chymiths diffolic this, and fhoot it again for the enmon Salt of Steel.

COPPICE, or COPSE, a little Wood, confifling of Un-der-woods; and may be rais'd both by fowing and planting. Sec Wor

COPULA, in Logick, a Verb that connects any two Terms in a Proposition, either Negative or Assimmative : As

Refe is freet; where is is the Copula.

COPULATION. See Corrion.

COPULATIVE Propositions, are those which include

COPULATIVE Propertions, are those which inter-creal Subjects, or feveral Arribates joind together by a fiftemative or negative Conjunction. See Conjunction. Thus, or g. Fourt and Riches don't make a Man boppy. Where and is the Conjunction that couples Great and Riches Conjunction Copulative. See Conjunction. COPY, a Minute, Draught, or first Design of an Instru-ent, to be afterwards put into form.

COR (325) The Word comes from the Latin Copies, which was whed for the fame thing. Corv is also whed for a Transcript of a Writing or Influence, made for the Use and Satisfaction of some of the prites concerd 3 or in order to preferre the Memory

barred Such a Copy was raken from the Original 3 has been col-leted with the Original. Antient Titles do now few of 'em fahilit otherwise than in Copies.

incommence from in Cybic.

Gov 1 is 100 offer on ministens of any original Works, relativity Pulning, Dramph, Figure, 15c. Sec Onsonsation, Among Princes, Cyby in the Manageries, or Cybic intelligence, 15c. Sec Onsonsation, 15c. Among Princes, Cybic in Commenter, or Cybicinal of a Book and the Cybic in Commence of Cybic in Charles in Ch

continued to the contin See Roll

See Rott.

This Tenure is called a basic Tenure, because the Tenant bilds at the Will of the Lord. Fireherbert fays, it was feesetly called Tenure in Villenage; and that Cobe-bold is

but a modern Name

but a modern Name.

However, it is not fimply at the Lord's Will, but according to the Callom of the Manor; to that if the Cafe-builder dain to break that Callom, and forfeit his Tenure, he feems not to fland at the Lord's Courtefy.

gems not to hand at the Lord's Courtey.

The's Cultoms are infinite; varying in one Point or other
almost in every Manor. See Customs, and Manon.

Copy-bolders upon admittance pay a Fine to the Lord's
which Fines are in forme Manors certain, in others not; but

while First are in forme Manors certain, in others not a better for the first first ford exceeds no Veran Valles, the Coart of Chaccay, King's-Bench, Efe, have, in their feweral Jarif-Edons, Power to reduce the First. For First. In many Parces the Copy bods are a kind of Indexistate, in many Parces the Copy bods are a kind of Indexistate, in the All Reconsing words, the exact of Biolog paying the delicancy First, as two Shillings an Acre, or the like, may not be deated his Admission.

be deticed his Admiffina.

Since Oxyl-volders have by Cafforn the Wood growing upon their own Land 3 forme, again, hold by the Verge in antern Demelies, so that the they hold by Copy, they are exsonated a laid of Free-holders: Lattly, tome others hold by common Tenure, called mere Copy-beld; whose Land, upon Felowy committed, effectives to the Lard of the

This is the Land which the Saxons called Folkland, as

This is the Land which the Savar called Fiblicat, as this plad flat pripe is no controlled more problem, or Cames Land, Terre or Ferripe, and one Free Land. Sec. ONE STATE OF STATES, Wife to be a Free Land. Sec. ONE STATES OF STATES, Wife to be a Free Land. Sec. ONE STATES OF STATES, Wife to be a Free Land. Sec. Which I flow out or Mind, by the Use and Carlton the Advanced have been demilified for as will take the fame by Cryp. Vor. Rev. 1997. Which I flow out of Carl Kells, seconding to the Carlton of the fall Manner.

COQ. ad Med. Confumpt. an Abbreviature among Physician, fignifying that the Thing is to be boil'd till half of it be soulun'd.— Coq. in S. Q. Aq. implies it to be boil'd in

South. See Hypa A. Con Leonis, or Regulus, a Fix'd Star of the first Magni-tude, in the Constellation Los. See Lao.

Con Caroli, in Aftronomy, an extra-conficilated Star in the Northern Hemifphere, finated between the Come Bere-tices and Urfa Major; to call'd by Dr. Hally in honour of Sec Syar, and Constellation

Nang Cherler. See Sylk, and Consystellation.

CRACOBRACHIALIS, a Music which ariseth from
the Praceflys Consolder of the Scappile, by a condinous
beginning, and priling over the Articulation of the Hungru, is inferred into the middle and interval Part of that
Borne. Bone, and with the Deltoides and Supra Sinatus, lifts the

200c, and with the Deletered und compressions, and arm upwards and alone, obliquely outwards.

CARACOHYOIDEUS, in Pacific Caractery, a Market which hath its Origin from the Proceeding Caracteristics of the Omer-Plates, or rather, according to Keil, from the upper Edge of the Caracteristics of the Caracteris of the Scapula, near its Neck; whence afcending obliquely

under the Malleident, it is inferred into the Os Header: under the Mafficialess, it is infected into the O. Hyoider; which is ferve to pull obliquely downwirds. See Hyonnes. It is also called Digasfirent, as having two Bellies at its the Eutremities, and a Tendon in the middle, to give room for the Paffige of the Carotid and inner Jugular Attery.

See Digarrage c Digastrate.
The Word is form'd from Caracoides and Hyoides, the two

Farts.

CARACOIDES, in Anatomy, a Process, so call'd from its resembling a Crow's Hill. See Pracess.

The Caracouses is plated in the upper Part of the Neck, and projects over the Head off the Bone of the Arm. It serves to throughten the Articulation of the Shoulder 3 and gives Origin to one of the Muscles of the Arm.

The Word comes from the Greek short should comes

The Continues from the Greek slogt, sieged, cervent, and edge, sieged.

George CORAL, in Namul Hilbert, a Prediction of the Sea, really a sneed the Namber of Mainer Jissa. See Planty.

This Opinion, which we received from the Assions, is closed.

"A Farrier has all closed scenarios from produced to the Continues temporated to the Continues of the Sea, and Martansferr, that all the Benefit, ministics but it revidently multiples by Sood; also active in the Fronte rear Grain be known therefore, the Assion of the Sea, and Martansferr, that also Benefit, ministics but it revidently multiples by Sood; also active in Flowers ere Grain be known therein which George in Server, and Purpose of Grains and Flowers. See Stan, Gr.

Flowers, See Stan, Gr.

Flowers, See Stan, Gr.

Flowers. See Skin, Sr., Creal, then, Song, eithkilfi'd a Pant, has, in that Qua-lity, Rent, wherevols it is fifted in the Rock whereous it received the second of the second of the second received the second of the second of the second received the second of the second of the second received the second of the second of the second received the second of the second of the second received the second of the second of the second of the long white Streeks therein, which form to represent a few of Florer. The Examentation of the Plant are for fixed of Florer. The Examentation of the Plant are for fixed of Fibres. The Exercisities of the Fibrit are int, and rounded into little Bowls, ordinarily divided into fix Cells, fill'd with a Humour fornewhat like Milk, fatty, fluare, and

fill'd with a Hamour fomewhat like Milk, fatty, fluty, and affringent.

Lally, that cocking may be usering to confidence a teal.

Tree, rinde flowle are elicent'd a lind of Fode, or Ceyfille, comming the Social of the Curit. The even link is teat in comming the Social of the Curit. The even link is teat in curine Feerchips with it, and power this just be flowle, at whence is it, that in the Californ of the Curious, we find from of it no dead Merus Skills, Freet's Florther Were, and other Kinds of floid Bollies, which Chance and the working of the Case have thrown into flown of F. Kricher's. Forefis

Corel, M. le Courte de Merfigli observes, grows chiefly in Grottos, whose Mouth or Aperture is towards the South, and Gentris, whole Month or Aprirese is towards the South, and the Vault, or conserve Arch mentry parties to the Surface of the Earth. For its General, it is necessity the Sea to as against an Ford it regentes the contrary ways to all other Plants, it is Ford athering to the top of the General, and its Form of the Solid is grown to, and orce corrects, like a Plant, to a certain extent, which M. de Marifold thinks a Froof-that its Boldinese van eighnish [Indic And what confirms the Thought, it, that the fame Solidinese final Generices line the Bolds of a Solid, which it could never centre but in form of a Fluid.

Upon a nice Examen of the feveral Parts of Coval, M. de Marfigli gathers, that all its Organism, with regard to Vegetation, confiits in its Bark, or Surface; that the Tubules of the Bark filtrate a Juice which fills the Cellules, and runs along the Canals as far as the Extremities of the Branches; and that this Juice being perrify'd, both in the Cells encompassing the Coralline Substance, and in those of the Extremes of the Branches whole Substance is not yet form'd. makes the Plant grow both in height and bolk. See Vacas-

TATION, &c.
The Antiques believ'd that Coral was foft while it const.

The Action believed that Cord was full while in cashmed in the bettom of the Water, and that it only became
hard and fold by the Imperfition of the Air. But the Modema are consisted of the country flows Reporters, as it
was a consisted of the country flows. Reporters as a
Name Grapmina, which they give it to flieve that Medigith Head did not convere Dipoch in Some, more fairly
than Gord was convered up to loss some, more fairly
than Gord was convered up to loss it is grayed that the Air.
In the Cord of the Cord of the Cord of the Cord
to the Cord of the Cord of the Cord
to the Cord of the Cord of the Cord
There is kind of white Cord plered fail of bole, and a
back Cord, mand Antherlets, a generacy of a different
The Cord of the Cord of the Cord of the Cord, and
a Solit.

It gives Thie to an Officinal Composition, call'd Syraps of Caral, often preferib'd by Physicians; as is the Peoder of Caral sincy ground, and stere levigated on a Marble, and made up into a peoper form. But there are few except those who are ford of Medicines with Pearls in 'em that

these who are foul of Medicians with Pearls in can fast make ait between I by means of its exceeding harbord, it may be mean of the exceeding harbord, it may be made the several part of the pearls of the Medician, and Frontiering, are that it is Credite, and therefore of six in Diarrhams, are the pearls of the Medician and Frontiering, bedde in the Pearl Philas, and Theorems Pearls in Children Brief of the Children Brief of th

cufe, the Centramans Diploys.

Some alle artistante to Gerd the immediate flopping of Blood, the featuring of Husfus from Thunderbolan, the keep-ing saway of cull sighting, and the promoting of Dentification. This added, that Gerd appears redder succe on a Man than on a Warman than is a Warman that it becomes plean affirst when so as Warman is that it becomes plean affirst when wore by a field Perfora; and that the Chang for the contract of t

and other Toys.

COAL Pibliry. The Time for fifthing Caral is from
April to July: The Places are the Perssas Guis, Red Sea,
Coasts of Africa towards the Bassiss of France, the Ille

Of Majores and Carses, and the Coasts of Provence and Ca-

The Method of filling is nearly the time in all Pheest This side at the Buffelow of Parison, where them feel at the Start is a single of Parison, where them feel con-traction are considered in the Start is a single of Start in the Weight to peef to down a. The Beans is fafted a great quantity of Henry lookly resided roads, among which In this Condition to Methods is the down in the Sea .

In this Condition the Machine is let down into the Sca and when the Caral is pretty firongly embarasied in the Hemp and the Nets, draw it out by a Rope; which they unwind according to the Depth, and which fometimes re-

summal controlling to the transport of the Controlling to the transport of the Controlling to the transport of the Controlling to the Controlling

CORALLINE, or Sea Most, a Plant found adhering to Rocks, Shells, and even to Coral.

Rocks, Shells, and even to Caral.

It has no Stern, hut its Branches shoot immediately out of the Root. Its Use in Medicine is not very confiderable; yer 'its suppost' of some effect to destroy Worms in Children when taken in Ponder; and is also side as an Ornament in Rockwork. The best is greenish; the worst ashares.

ment in Rockwork. The best is growning in the want ancolourd; the red is not much bester.

CORAM now Judice, in Law, is when a Cause is brought
into a Court where the Judges have no Justification.

CORBAN, a Scripture Term, fignifying an Oblatico, or
Officing to God on the Alar. See Opperation, Ec.

The Word is Habren, 2779.

The Word is Heleron, 2720. Consan's is lide Coccosing in the Consan's is lide Coccosing in the same given's perform'd at the foot of Mount America in Arie-Rich, enex Africa. It conflicts in shaped given Number of Steep, and difficulturing from shaped given Number of Steep, and difficulturing from the Steep of Steep, and difficulturing from the Steep of CORBEL, in Architecture, the Representation of a Basket, sometimes seen on the Heads of Cariatides. See

CARLATERE.

The Word is also used for the Vasc or Tambour of the Corintism Column; so call'd from its resemblance of a Bufket; or because it was first found on the Model of a Basket. See Construian Order. CARIATIDES.

CORBELL, CORBEL, or CORBEL, is also used in Building for a short Piece of Timber placed in a Wall, with its End

flicking out fix or eight Inches, as occasion ferves, in min-ner of a Shouldering piece.

The under Part of the End thus flicking out, is fonctime, cat into the form of a Boultin; fometimes of an Ogive, and fometimes of a Face, &c. according to the Workman's Fas.

fometimes of a Face, S.C. according to the workman's Fas.

cy; the upper fide being plain and flat.

These Confects are usually placed for Strength immediately under the Semi-girders of a Platform, and fometimes under the Ends of Chamber-Beams: in which latter Cafe.

der the Ends of Chamber-Beams: in which latter Gife, they are commonly placed a Foot or two below the Beam, and have a piece of Timber flanding upright clofe to the Wall from the Carlet to the Beam. Consext is also fuel by from Architects for the holiosy Niches, or bellows left in Walls for Images, Figures, or Sta-

Tues to fland in. See Nicus.

CORD, or CHORD, an Affemblage of feveral Theals
of Hemp, cabled or twiffed together by means of a Wheel,
See Condags. The Word comes from the Greek xndh, which properly fignifies an Intelline, or Gut, whereof Cords may be made.

See CHORD. CORD of S. Francis, a kind of Rope adorn'd with Knee, wore by the Brothers of the Fraternity infittuted in honour

Some, as the Codellers, Capachias, Minotites, and Re-colets wear it white 3 others, as the Pique Pucca, black. In defign is to commemorate the Bonds wherewith Jefas

In defign is to commen-chrift was bound.

The Society of the Coan, includes a great Number of People beinde Religious. To obtain Indulgences, they are easy oblig'd to lay five Paters, five Abw Marys and Ginne colly oblig'd to lay five Paters, five Abw Marys and Ginne and the wear this Rope, which must have been first only obiged to lay her Praces, now for marryl and Giving Part's, and to wear this Rope, which must have been fift blefed by the Superiors of the Order. Cond of Wood, a certain Quantity of Wood for burning; so called, became formerly measured with a Cord. See Mra-

"Tis now meafur'd between two Stakes of Wood, four Foot

The now mediar'd between two Stakes of Wood, fair Pont, high, and eight Foot part.

CORA-D'Mont, is properly new Wood a and when bought by Water comes about a Velfel, in opposition to the side found. All but not a Velfel, in opposition to the side found. All but not properly the state of the side of the s

facturing the Ropes, &c.

facharing the Ropes, Ele.

The Carding's failed to beheld, when having paired a
Store or other hot Place, 'tis drain'd of all its Meithree.

White Cardings, in that our tey pitch'd. Carding pitch's lite.

Store, in that which is paired they have been a trooms
out of the Store. Each Quintal of Carding may take up
about 20 Pounds of Pitch. The Carding is isometimes pitched. out of the Szove. Each sbout 20 Pounds of Pitch.

in the Thread. When a Cordage is faid to be of fix Inches, 'tis under-flood of fix Inches around, or in Circumference. The Commond of my inches around, or in circumterence. The Commerce of Cardage is very confiderable at Amplerdam: That made of Comingulary Hemp is valued at so per Cart. me than that of Amplerdam; Hun. They are fold by weight.

The Number of Ropes required in fitting our of a Veiled.

almost inconccivable : Each has its particular Name and Ule. See Carle, Halser, &c.

The Spaniards make a kind of Shoes of Cordoge, which

The Spanners make a kind of Snocs of Lorage, when a though a different whose they call different when the first home, and yet drive a very confiderable Commerce to the Ledect; to as to fend sway whole Ship-loads thereof. The Indians make their Cordage of the Bark of Costs, Meguey, and other Trees

As the Strength of Ropes or Cordage, M. Reasons As to the Strength of Ropes or Cordage, M. Reasons takes occasion, in the Memoirs of the French Academy, to confider the Question, whether a Rope composed of feveral Twifts or Strands interwoven, e. g. ten, have more force to fuftain a Weight, than the ten Twifts would have separately,

placed parallel over one another: or, which is the inne-thing, whether if each Twift be capable of futuring the weight of a Pound, the whole Card be able to fuffain more

There, indeed, appears an great difficulty in the Que-tions, the Evidence Icons Heng on the 186 of the Animo-tics of the Evidence Icons Heng on the 186 of the Animo-tics of the Indeed Icons Heng on the 186 of the Animo-tics of the Icons Icons

On the other hand, 'it true, that in twilling the Strang-ine am friend'd, and othern left more look; and the sur Tenline pices the former, force so weeken 'en, and the side to faithin one to large. Those more issue, on the side to faithin one to large. Those more issue, on the correr, excels in form enclare the Alfaion of the Weight for the Alfaion is diffused equally on the ten foppolically senting. The side of the surface of the surface of the same furthy on the refs. and will-break them intig as be-siden, receive left than their Quesc, the Weight will as a part force of the surface of the surface of the surface are being in diffused results. The surface of the surface are being in diffused results and the surface of the surface "This is the Sum of what can be ungot for and squaint the critique, To devolve thereous to me. He accurate had recomed

railing. To decide between 'em M. Resamur had recourse to Experiment. The Result was, that contrary to all Expedition, he fill found the twifting diminished the Force of the Repu: whence it is easily infer'd, that it diminishes it

the Rope: whence it is early inter'd, that it diminishes it the more, as the Rope is the thicker: For instituted as the milling diminishes; the more Twifling the more Dimiunion. The Refollance or Fritlinn of the Cordage is very confidence, and by all means to be confidered in calculating the Power of Machines. M. Amuntan observes, in the Freed Memoirs, that a Rope is to much the more difficult to bod, first, as it is tiffer, and more directed by the Weight it draws. 2d, As it is thicker; and, 5d, as it is to be more best; i.e. as it is to be roll'd, for indiance, into

a fmaller Gyre

agamte some 3 r.e. at 11 it to be mil'd, for initiates, into
The first point has the should set styre to preve in white
The first point has the should set styre to preve in white
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agmentation or weight will render the coras it in the more if: which excess is to be computed as before. Thus we shall have different Sums shill decreasing; which This we mail have different Sums in a decreating; which are to be added together, as in the Article of Friction, and it will be furprizing to fee what a Sum they will amount to.

See Friedrich

See Faccision.

Where Kopes are still in a Machine, all the Refifiance religing from their filling is to be put together; and all refined is no be put together; and all refined in Augmentation to the difficulty of the Medica, that a Power which to raile a Weight of 1000 Pound, by making in all and a moveable Fully, needed only 1500 Found; mut, according to M. Admuniate have 3044 Founds, as to some of the frictions, and the Refiliance of the Cor-See RESISTANCE.

der, See Rassawace.

ORDED, in Hensday, A Corfl corded, Some Authors take for a Coff would or wench'd about with Greds: The skern, with more probability; take it for a Coffs mose of Corf. See Costs.

The Corfs of Corf. See Costs.

The Gredders are cloth'd in thick grey Cloth, with a little Covil, a Chapteron, and Clothe of the time; having a Coffee Raye Corf., tied with three Knots, whence the Coffee Costs.

The Gredders are cloth'd in thick grey Cloth, with a little Covil, a Chapteron, and Clothe of the time; having a Coffee Raye or Cord, tied with three Knots, whence the Coffee Costs.

The Gredders are controlled to the Costs of Cos

Nime. Sec Coad.

The Cardeliers are otherwise called Minor Friers, their medical Name. The Name Cardelier is faid to have been signal Name. The Name Cardelier is faid to have been sing lyow can in the War of S. Lonis against the Inflicts; wherein the Friers Minor having repaid the Barbarians, when the Priers Minor having repaid the Barbarians, which was a supported to the Name; it was answered that Name of the Name; it was answered the Name of th

CORDIAL, Cardiac, in Medicine, a comfortative or re-feshing Remedy, that gives a fudden Strength and Chear-faules to the Spirits, by raifing them when depreched by much Exercise, the Consequence of some Difeste, or the ike Caufe.

"Orders aft by giving a Springiness and Force to the Fi-tres, and by some of their size Particles directly entering the Industry Porces of the Nerves and size Vetsels, and so mixing directly with the Fluids.

Thus, fome of the Particles of the Spirit of Lavender, Thus, fome of the Particles of the Spirit of Lavenous, when drop time Supar and taken, are fuppoid to conter the Nervos of the Palate directly. Spirituous Liqueos, as Bennid, Classmon Water, &c. are suppoid also to all immediately on the Palate 5 has refrecially on the nervous Coast of the Stomach, and not by the common Carrent of the Circulation, it is also because the same states are an immediate. lation: by which means they often prove an immediate

In Faintings, where the Circulation of the Blood is langold, Sal Voistile Olcofam, or Spirit of Hartfhorn dropt in cold Water and drack immediately, occasion a Contraction of the Fibrilie, the last by its coldness, and the first by entering the small Veificity, and thus they inflantly augment the Circulation, or in other Words, prove Cardial, is Ordicinal Compositions, the four Cardial Flowers are Eurrege, Buggles Compositions, the

Rifet and Fishett.
The four Cardiel Waters are those of Barrage, Building Endow, and Chicary; Some add those of Gardian Benedier, and Chicary; Some add those of Gardian Benedier and Sormannes, Southerly, Sorrey, So.
CORDON, in Fernication, a row of Stones justing out between the Rempers and the Basis of the Parage.
Description of the Corporation of the

join the Rampur, which is sliope, and the Parapet, which perpendicular, more agreeably together. In Ferrifications rais'd of Earth, this Space is fill'd up ith pointed Seakes inflied of a Corfein.

CORDWAINERS, or CORDINERS, the Term where-

OGROWANERS, or OMERINERS, the Tom where by the Statuse domainst Size-anders; from the Previous by the Statuse domainst Size-anders; from the Previous Cardenium, which Messay derives from Gordanus, a kind of Leather brought from Cardenium, where they formerly made to the Cardenium of the Status of Cardenium of Carden

Bill cal'll Carbanaciert.

In Ferri the place two pieus Societies, under the Titles of Freez Carbanacert, Booken Stocombern, citishiffed by Anthenity sourch the middle of the XVIIIb Course; by Anthenity sourch the middle of the XVIIIb Course; Criptura, two Streetten of S. Criptura, the other of S. Criptura, two Streetten of Streett

tributed among the Poor.

"Broatt Bandman, a Native of Sinient, the Son of a Circle Street Carlot and Amorita a Workman in his Father's Stone, has among other Learned Works political of a Tensife of Calco manage during the Street Carlot and the Amorita of Carlot and the Carlot and the Amorita of Carlot and the Carlot and

See Sear

Both the Tafte and Smell of the Seed is very agreeable; yet both in the Plant extremely nanfonus. Befides the Confolition made of the Carisades Seed, it is of use in Medicine as a Carminative, and a Corrective to fome forts of Catharticks. It is much and by the Brewers both in England Both the Taffe and Smell of the Seed is very agreeable; tharticks. It is much used by the browers both in England-and Holland, to give a Flavour to their firospeff Beer. The Ancients had a Notion that the Juice of Corander would deprive People of their Senfes, and oven of Life.

deprive Reopte or their Sentes, and even of Lite. Some derive the Word from zies, on account of the flinking Quality of the Leaves; others from zoge, apple of the Eye, and distant, bominum, because it is supposed to weaken the

Sight.

CORINTHIAN Order, the fourth, or as Sciencesei, and
M. le Clere make it the fifth and last of the Orders of Ar-chitecture; being the noblefit, richest, and most delicate of all others. See Orders.

The Invention of this Order most of the Moderns, after The Invention of this Order mell of the Moderns, after furrantum, afficien to Callimateirs a Carminion Scalupton, who possing by the Tomb of a young Lady, over which ber Narie hard placed a Batter with fonce of her Play-things, and cover'd it up from the Weather with a Tile; the whole having been placed on a Root of Acambars as it furning up, the Branches encomposited the Batter, and bending down any modern the Comers of the Tile, formal a kind of Vo-

Hence Callimachus took his hint: The Basket he imita-red in the Vase of his Comma; the Leaves in the Volutes; and the Tile in the Abacus of his Order. See Abacus, A-CANTHUS, EC.

CANTHUS, CE.

**Pillalpaness treats this Story of Collimatchus as a Fable 5 and will have the Corientian Capital to have taken its Origin from an Order in Schmen's Temple, the Leaves where-of were those of the Falm-Tree. See Leaves.

The Corientian Order has several Characters whereby it

I no commons Office has reveral consecutes whichough it is diffinguished from the refit: Its Capital is adorn'd with two Rows of Leaves, between which rife little Stalks, or Caulicoles, whereof the Volutes are form'd, which support

the Abacus, and which are in Number 16. It has no Ovolo, not even fibres a properly ficeking; for the Member which goes by that Name is quite different from the Absens in the other Orders, being out with a Sweep, in the middle of which is carred a Role, or other Ormanut. See Chartal, Volume, Absens, Carticola, Ed.

Vitruvius

But Pirrowin's differs widely in this Urder from all the Examples now censaling of Antiquity; a ten most becautiful whereof have a particular Bafe, and the whole Oxfor 20 Modules high, whereas the Barth has but 18. Again, its Capital is higher than that of Pirrowins by one third of a Module: and its Emelblature, which has Modifican, and fometimes Dentils superities with Modifican, is very silling.

Most of the modern Architects fer afide Vitravini's O viole or the modern Archivests for ande Pitrouris Drinthian Ordonance, and follow that of the antient Buildings; felecting from them according to their feveral Tafter: So that the modern Corinthian is a kind of Campelite; differing from any of the antient Buildings, and much more from Vitrounit; Rules.

Vignola and M. le Clerc make the Corintbian Order 20 Figures and M. & Clere make the Carinthian Order to Modeles high yet Serlie only makes it it's, and M. Par-rauth 18's, retraching from the 19 of Pitratinia. The belight of the Shaft M. Parrauth makes left than that of the Bairt. M. Parrauth makes left than that of the Bairt. Decrease 19 of the Excels of its Capital. See Carants; for all Sixtart, Bass, and Extranarrant. Carants 190 all Sixtart, Bass, and Extranarrant. CORNs, the Data True No. Ras

refembling the Holm-Tree. See Bars.

Its Leaves are green above, and white underneath; and its Fruit a real Acorn, which feeds much more than that of the Oak. It is found in great abundance in Spain, Italy, France, &c.

To take off the Bark they make an Incition from top to the bottom of the Tree, and at each Extremity and the bottom of the Tree, and at each Extremity another count the Tree, perpendicular to the first. When fitting of from the Tree, which does not therefore die, 'tis pill' up in a Poul or Diche, and loaden with heary Stense to fixture it, and redace it into Tables. Hence it is taken, to be dry'd; and when fufficiently day part in Bills for Carriago, and when fufficiently day part in Bills for Carriago. If state ben't taken to first the Bills, it fights and peck of the first ben't taken to first the Bills, it fights and peck of the first ben't taken to first the Bills, it fights and peck of the first bill the bill the Bills.

If care ben't taken to litrip the Bark, it ipins and peess out it felf; being pufit'd up by another Bark form'd underseath. The Bark of Cark, as well as the Acorn, are of fome ufo in Medicine; being both reputed Attingents, after being burnt and pender'd, when us'd externally; but the chic employ of the former is so put under Sippers, Gr. and to

flop Bottles The Spaniards burn it to make that light kind of black

The openistration burth it to make most ugat kind of bases we call Standing Black, alied by Painters. See Bases. CORN, a Plant, or Genus of Plants, that produce a Grain for Breach, the ordioary Food of Man. See Basean.

Corn is also nied for the Grain or Seed of that Plant,

Cerr is also used for the Guain of Seed of this Plant, from the Spires, or Ear.

In the Commerce of Cerrs, they only diffinguish three Kinds, viz. Cerrs, properly for called, or Wreat 2, Rys, which is a Species very difficult, and of a Quality far infectior, and a faither kind efficient from a Mixture of the way, and called Moffler.

enlied Moffini.
The Farmen, indeed, rank among the Number of Cerus feveral of the Grains fow in Marris' as Batiety, Onn, and evera Padia, a Rose, Verden, Ge. Mush, however, they mere Padia a Rose, Verden, Ge. Mush, however, they entil a re number of among the Cerus 1 the first called Yardy and Indian Ceru, the Court 2 the first called Yardy and Indian Ceru, the Court of the Cerus 2. The Cerus of Affirst, a granulating the Count of Extract y and Catalant, and Cerus and Affirst, and the Cerus 1 the Cerus 2 the Cerus 1 and Manioe.

Egops was antiently the most fertile of all other Countries

Eggs was antently the most ferrite of all other Countries in Cars to a specime Billion (2014) and profines Billion in Cars to a specime billion for the profit of the Cars to a specime billion for the Cars to th

Gods. Others give the Honour to Treprolemus: Others

Firmains oblives, that the Grisshian Order has so pare, there is between the two y making Greys the full Discover, estable Oblemance for its Connect, or any of the other seasons and the Connection of the Connec

Curs in Fayls and the Eath, long before the Time of Ceru. For the Preferentation of Ceru. 1 in matth to well dired and cleand 3, the Genancy have its Openings to the North ce Eath, and Vern-holes a-top. For the first fix Months in made be well filter'd every 15 Days; afterwards it will be function to official to the Ceru Month. After two Years the world not is there any thing to fear, but from the Air and foreign

Moditure.

A litted time start the Siege of Mera under Harryll.

A litted time start the Siege of Mera under Harryll.

A litted time start the Siege of Mera under Harryll.

For the Child a which was preferred in good pile for the

Next 100, when the Ferred King and his Revinue pells

that way or Brend black theated.

The Siege of Brend black theated.

The Siege of

correl with a Confl a Foot infel.

At Calston: by how connactes when they fill you At Calston: by how connactes when they fill to Quantum At Calston: high part of many can be a first part of the Confl and the Calston and the Calston and Calston a

CORNAGE, an antient Tenure, the Service whereof was to blow a Horn, when any Invation of the Seats was perceiv'd. See SERVICE.

This Tenare was very frequent in the Northern Counties, near the Pills Wall. Bur by Stat. 12 Car. II. all Tenuts are converted into free and common Soccage. See TENURY,

and Soccage.

and Societies.

An old Result citil Corange, Noragidé, q. d. Noragid, My Lord Che Bay, in old Books it is called Horaged.

COUNEAE X areas, in Ansareny, the third Cast of the County of the Cast of t as not to hinder even the finalieli Kiyy of Light from curse in the Eye. It has a most exagatine Seefe, to the end that the single state of the si

need, on this Sto

lent Blow on the Bye, by means whereof the Sight size been almost carried excitogatified.

The extravalated Blood, it forms, was in 100 great a quantity to be diffigured by Topical Medicines; befiles that the Process would have been to redions, that the aqueous Humour would have been in danger of being quite rund in the mean time

in the mean time.

The Corness, therefore, was open'd by three Incifices, all made acrofs; the Blood was ditcharged; the Eye bound up with Competition Record in a Mixture of four Ounces of Plantain Water, and two of Valnerary Water. In eight Days the Eye reliand its natural transparency; and there exensished no Sear after the Incificos.

remaind no Scir after the Incificoss.

After the Core, the Pupil of that Eye continued dilated mach beyond its natural Dimensions.

Connel Lume. See Lusse Cornels.

CONNELIAN, otherwise called Serbiss, a precious second

It is but little transparent, cuts easily ; and we find molt of the fine Gravings of Antiquity, whether in relievo or in-

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It hears the Fire admirably: The largest Pieces found don't exceed three inches in height.
The finest Cornelium; are those brought from near Baby-The finest Cornelisms are those brought from near Raisy-tes the next are those of Sardinias; the last those of the Rises, Raberms, and Silessa. To give these Stones the greater Lustre, in setting them they lay a piece of Silver Leas underneath.

hey lay a piece of Silver Leai underneath.
The principal ule made of Cornellans is in Seals; by resfresh they grave well, and take a fine polith. The Author of
the Book dustily ber filledly stribuged to Alberras Magnus,
gives the Cornellans Virtues which, were they real, would
give the Cornellans Virtues which, were they real, would gives the Cornellan virtues which, were they real, would make it incitimable. See Agar.

The Cornelian is otherwise call'd Cornella and Cornella.

The Urganian is otherwise call'd Carneols and Corneols: The Italians call it Corniolos; 'tis faid from Corne, Horn; on account of the refemblance it bears to Horn of open of the refemblance it bears to Horn.

ORNET, a Horn, or Mufical Inflrament us'd by the
Assiciant in their Wars. See Musica.

Figeties informs us, that the Legions had Trumpets, CorFigeties informs us, that the Corners founded, only

Enforce regarded; none of the Soldiers; that when the the Entires were to march alone without the Soldiers, the Corner Enfiges were to march atome without the Soldiers, the Cornes since was founded: as, on the contrary, when the Soldiers were to move without the Enfigns, the Trumpets alone were founded: That the Corness and Succine founded the Charge tunden: and the Cornets and Buccine founded the Charge and Retreat; and the Cornets and Trumpets during the Gurio of the Battle.

Course of the Batte.

Coaner, in War, an Officer in the Cavalry, who bears the Enfigor Colours of the Company. See Ensuen.

The Corner is the third Officer in the Company, and

The Devast is the third Officer in the Company, and commands in the Abfence of the Captain and Lieuteman. He takes his Title from his Enfign which is figure, and is fapofed to be call'd by that Name, from Orras y because thied on the Wings, which form a kind of Points or Horns

the Army of the Army.

Others derive the Name from Coroner; it being the anfour Cuftom for these Officers to wear Coroners or Garlands on their Heads

on their Heads. CORNICHE, or CORNICE, in Architecture, the up-permoil Member of the Entablature of a Column; or that which crowns the Order. See ENTABLATURE, CROWN-

100 BEC 8. 86.
 The Cornice is the third grand Division of the Trabeation. The Cornice is the third grand arvinon or the arabeation, summering from the Frize and ending with the Cymatium. The Word is form'd from the Latin Coronic, a Crowning. The Cornice is different in the different Orders: In the The Corner is different in the different Orders: in the figure of the transfer of the most plain. Vignola makes it to confid of an Ovum or Quarter-round, an Affragal or Baguette, the Realet or Fillet, the Larmier, and the Talon. See

Toscan.

Is the Doric, he makes Capitals of the Trighyphs of the few with their Bandilettes, a Talon, Matules or Dentils, a Lamier with its Gatte undermeath, a Talon, Filler, Cavetto,

ad Regiet. See Donic. In the knite, the Members are in most refipeds the fame sits the Durie; except that they are frequently earlich's six cirring, and there are always Dentils. See Iossue. In the Composite there are Dentils a its Moseldings are on'd, and there are Channels under the Soffit. See Coss-

NOMEY. The Corintism Cornice is the richeft; and is diffinguished by laving both Modillions and Dentils; contrary to the Opinior of Virturius, who looks on those two Ornaments is incompatible; and of M. le Clere, who regards the number. of Recompatible; and of M. 18 Clere, who regards the Benill as poculiar to the Ionic. See Modificion, Driving C. fee also Onorg.

For the Heights and Projectures of the Cornices in the

For the Highest and Projections of the Cormics in the internal Oness; Goldman makes the Height of the Taffens 1, and is Projecture 2. Modules: The Height of the Direct in Repicture 2. Modules: The Height of the Direct 13 Hight of the Complete 12, Projecture 2, is Projecture 14 Hight of the Complete 1, Projecture 2, is Height of the Cormition 2, Projecture 2, is Coantee is used in the general for all little Projectures of Matternal Projecture 2, is the Projecture of the Projec

Masney or Joinery; even where there are no Col

Mafige or Joinery; even where there are no Columns. Thus, we fay, the Cornice of a Chinney, a Buffer, the Architect Consucer, is their immediately contiguous to Architect Consucer, is that immediately contiguous the Architect of the Erich Eding retreated. Armited Consucer, is that whose Projecture is cut or interpret, to the right of the Larmier, or reduced into a little death.

Barbard with a Cimaife. Gualities Connice, a Term used by the Workmen for a Cornice that has Cantalivers underneath it. See Can-

Middlion Cornice, a Cornice with Modillions under it. See Modillion.

Critic Coanice, a Cornice which has a great Cafement to hollow in it; ordinarily lathed and plaifter'd upon Compas, Sprockers, or Brackers.

Counters is also used for the Crownings of Pedesbals. See

This Cornice, too, is different in the different Orders: In the Tufeen, according to M. Perrault, it has a Platband which is a conding to M. Perrault, it has a Platband which serves as a Corona, and a Cavetto withits Fillet : In the Doric, it has a Cavetto with a Fillet, which bears a Drip crown'd with a Square: In the Innie, a Cavetto withits Hilet above, and a Drip or hanging Square crown'd with an Ogco and its Fillet: In the Carristian, an Ogco with its Fillet, a Cymatium under the Corons, which it hollows to make a Cymatium under the Corons, which it hollows to make a Drip, a Corons, and an Ogce with its Fillet: Laftly, in the Composite, a Fillet with a Sweep over the Die, an Aftragal. Cyma with its Fillet, Corona, and Once with its Filler, each in its Place

cash in it; Place.

Conner Ring of a Piece of Ordnance, is that which
Ees near the Trumion Ring; or next from the Muzzle
Ring backwarks. See Ordnance.

CORNICULARIS Proceeding, the Process or Knob of
the Shoulder Bone; thus call'd, as refembling the Figure of

Crow's Reak CORNICIII ARIIIS in Antiquity, an Officer in the contain Army.

His Robnels was to aid and affiff the Military Tribune in

the exercise of his Post, in quality of Lieutenant.

The Cornicularii went the Rounds in lieu of the Tribune,

visited the Watch, and were nearly what the Aids Major are in the French Army

in the French Army.

The Name Cominularins was given 'em from a little
Hern, called Corniculum, which they used in giving Ordens
to the Soldiers: The Selmaffus derives it from Corniculum,
the Cortl of an Headpleco; it being an Observation of
Plins, that they were Iron or Brafs Horns on their Helmets. Pliny, that they were aron or brais; and that these were call'd Cornicula.

and that these were call'd Cornicula.

In the Narius Imperii, we find a kind of Secretary or Register of the same Name; his Business was to attend the Under, and to enter down his Seatneenes and Decisions.

The Criticis desire the Word, in this Seafe, from Corni-

The Criticks derive the Word, in this Senfe, from Cornicalum, a Sittle Horn to pat Ink, in the sa sfirer they have blown into Flower, produce many diffined and homed Pods, blown into Flower, produce many diffined and homed Pods, or Secol-Veffelis, adult Shigner; For which Reaston, the Passas sea allo decominated flatigues Plants. See Six Inc. 1900s. Sent. arch to Jedus or Semperations, "February, Juneau Flowering, Halleddown singer, Parenis, Calibre Pathyrin, differentia, Halleddown singer, Parenis, Calibre Pathyrin, differential Pathyrin,

Floridas, Helklerus niger, Peenis, Celikā Palaffris, Althes Lates, Sec. Se P.A.NT.
CORNI danneoris, in Naural Hildery, an extraordinary kind of Stene, which in Vinegar, Jaice of Lemons, Sc. has a Motion like that of an Asimal. See Stone.
Tis rough, knotty, of an Afficolour, and erouded in manner of a Ram-horn fach as those wherewith the Antients

ner of a Rams-horn igen as those wherewith the Anthonia repreferred Jupiter Annuan : whence its Name.

Tis disputed among Naturalists, whether it he sa Fossil,

The dispetal among Naturalifia, whether it boas Folds, or a Mantilia, or a Rock-Hant. Camerain univaries the first, using that 'it frequently due cut of the Tops of Monatchin such that 'it fiction front one the Sea fiberation and that 'it fiction front one the Sea fiberation and the Sea fiberation of the Mantilia, form'd in the Sea, and carried thence by the Waters of the Deling into the Countries whence 'the department of the Sea fiberation of the Sea fiber because Shells and other Bolites filteral to the bottom of the Sea, as most Maind of the Carmas administing miles, are early to be tore thence and drivers affance by Tempells: but the most videous PEmpells accors move the Bottom of the the most videous PEmpells accors move the Bottom of the desired properties of the Carmais be thrown up: But in the owner of the Carmais be thrown up: But in the owner arrained of the Extent by the Deleye, thefe, with a thousand more. Productions of the Sea, might be thrown from the beattom of the Westers to the Piaces where they are now found. See SHELL

The Ceruna Ammonis are of different thickneffes and lengths; me of 'em weigh about three Pounds. It is found in fe yearl Places in Germany. From fome Experiments that have been made therewith, it's found to contain a little quantity of Gold; which finks to the bottom upon pounding it fmall, and filtring it in a running Water, till all the earthy Parts were carried off.

The Stone call'd Cornu Annuouis is frequent in the Clay wherein the Trochites and Entrochi are found: The larwherein the Trochites and Entrochi are found: The in-get! I have is feven inches in length, and four in circum-terence at the hig End, and two and a half at the finaller; the Tip being broke off. Tracing in Origin, I find form of the hell Buddings out of it about the bignets of a young Cock's Spur, and very much like it : I have fome in Cock's Spur, and very much like it: I have forme in raw Clay; and one growing of a white cawky Stone. They generally become at laft a whitiff Spur, and fome milk-white, as fome of the Trochites are. See Thourstra. There are of all intermediate Proportions between thefo

There are or all intermediate Propertions between their two; the very few of any higness are to be found entire, but all broken and imperied Pieces. The Texture of the Stone is thus: Some have a mostly Spar in their infides, which takes up there Parts of the Stone; then from the flarp top there grows thin flat Cells, or final! Pipes of Spar for education, or affect the state of t interp top there grows than flat Cells, or final Pipes of Spars fee ecgowife one color to the other, which floot rowards the broad End, and appear outwardly like finall Radges or Scams. There are likewife Rings running round it, send-ing in their growth rowards the broad End, as in a Ram's Horn. Most of the leffer Stocots have very little monly 2999

Spar within 'un, and fome come, with Colis noming down the control of the control

an Alembi

CORNUA Uteri. Soc UTERUS.

CORNUA Others. See UTERUS.

CORNUCOPIA, among the Poets, a Horn out of which
stocceded all things in abundance, by a particular Privilege
which Jupiter granted his Nurfe, supposed to be the Goat

Amalshea The real Sense of the Fable is this; that in Lybis there is a little Territory shaped not unlike a Bullock's Horn, exceedingly fertile, given by King Annua to his Daughter

st, whom the Poets feign to have been Jupiter's

Nuric.

In Architecture and Sculpture, the Coruncopius, or Horn of Pienty, is repreferred under the Figure of a large Horn, out of which filter Fruits, Flowers, etc.

On Medals, F. Johert observes, the Coruncopius is given to all Deiries, Genit, and Heroes.

CORNUTUM Argumentum. See DIERSHAA.

CORONA, Crown, or Crowning, in Architecture, a large flat firang Member of the Cornee; so called, because it crowns not only the Cornice, but the Entablature, and the

whole Order. See Entablature.
The French call it the Larmier, our Workmen the Drip, as ferving, by its great Projecture, to fercen the rest of she Building from the Rain. See Larming.

Some Latin Authors call it Supercilium; but, as it fhou'd feem, by militake for Stillicidense. Some French Authors

call it Monchette; forme Latin ones Mentunn, Chin; from its keeping off the Weather from the Parts underneath, as the Chin does the Sweat, &c. out of the Neck. Some call it abfoliately the Cornece, as being the principal

Member thereof. Virravius frequently uses the Word Co-rona for the whole Comithe. See Conneue.

The Corona is it self crown'd or finish'd with a Reglet,

or Fillet.

There are femetimes two Corona's in a Comice; as in the

Corinthian of the Rosunda. CORONA Borealis, Northern Crown, in Aftrocomy, a Conflellation of the Northern Hemisphere. See Constitu-

The Stars in the Conficillation of the Northern Crown, in Ptolemy's Catalogue are 8; in Tycho's as many; in the Britamic Catalogue 21. The Order, Names, Longitudes, Latitudes, Magnitudes, &c. are as follow.

Stars in the Conficliation Conona Bonnata

Nomes and Situations of the Stars.	Sign	Longitude.		L	E					
son diagr.	7	۰	,	**	١.		${\bf r}_{\rm f}$	à		
	頁				45					
That preced the Corone, withoutfide					46					
That next the Lucida, towards the N.		4	45	53	45	0	40	4		
Anoth, following this, and more Nor.		- 5	- 5	20	48	24	10	4 <		
Lucida of the Corona		7	55	56	44	25	17	1 2		
1					١			١ ٠		
1st of the Informer over the Crown		0	58	43	55	48	<0	<		
Second		3	18	22	55	52	23	4		
That following the Lucida to the So.					44					
Nonin the Circumference of the Gara,					50			13		
Sou, in the Circumference of the Cara-		12	40	22	44	43	11	14		
10			-	33	77	7.		17		
3d of the Informer over the Crown		8	17	24	53	60	42	١,		
4th of the Informer		2	49	27	60	17	72	l ż		
5th over the Carana		á	18		50	::	10	1:		
3d of those following the Lucide Sout.		**			46	-2	3=	12.		
Last of all in the Cerena								6 3		
Tel		***	57	50	47		21	p, °		
6th over the Green			.0		52			6		
North, of those following the Corona										
Preced. of the middle		13	44	20	55	57	55	6		
South of those following the Corona		17	.4	45	13	20	41			
Posterior of the middle ones				15			4			
rotomor or one mindate ones		20	54	IO	51	27	0	1 5		

CORONALE Os. in Anatomy, the Bone of the Fore-head scalled also Os Frontis, Os Puppis, and Verecundum. Sec Os Frontis.

M 19 40 31 54 16 26 5

Another following 'em all

CORONALIS, the first Suture of the Cranisms, or Skull. See Surure. he Coronal Suture reaches transversly from one Temple

to the other; and joins the Os Frontis with the Offa Paristaria. It is open, the breadth of a Finger or two in the middle, in young Children, but grows closer with Age: the fome-

times, by Convultion-Fits, or a bad Conformation, it not only closes in Children, but the Edges shoot over one and ther; which is what the Women call Head months for; af-ter which they feldom live long.

CORONARIA Vafa, CORONARY Veffels, the Arreries and Veins which furround the Heart, to nourish and supply ir with Blood, &c. See Coronary Arteries.

CORONARY Arteries, are two Arteries springing out of the Aurea, ere it leaves the Pericardiam; and serving to carry the Blood into the Substance of the Heart. See

At their rife out of the Aorts, there is a Valve to hinder the Reflux of the Blood 3 first discovered by B. Enstaction a Native of San Severina. See Valve.

a Nasive of Sen Arterna. See V APTE.
They are call'd Coronary, because of their fyreading line
Branches, and encompassing the Basis of the Heart, in minmer of a Crown, or Garland. In their progress, they keed out
feveral Branches lengthwife of the Heart 3 and, as Republic ferves, to the Auricles, and into the very Subflance of the Heart: After incompassing the Basis, and meeting again, they inosculate with each other.

CORONARY Vern, is a Vein diffus d over the exterior Sus-face of the Heart: Ir is form'd from feveral Branches and fing from all Parts of the Vifent, and terminates in the Vena Cous, whither it conveys the Remains of the Blood

rought by the Coronary Arteries. State achie Coron ary, is a Vein inferted into the Trust of the Splenic Vein; which by uniting with the Melenters,

rms the Vens Ports. CORONE, in Anatomy, a sharp pointed Eminence, or

CORONE, in Ansterny, a fluirp pointed Eminese, a Process of a Bone. See Bons. In Body, dillingually, as Of their there are feveral in the Body, dillingually, as the 60 Pertyping, called Styletics as being floyd line. Bodkin: Another called Maffaider, from in recinshigs Bodkin: Another called Maffaider, from in recinshigs hopped; another of the Ompolene, called Coronelle, as the ling in the Figure of a Cow's Bill 1 halfty, soother of the formalism of the Component of the Component of the Omedican the Wilson of a Bill. See Syttopiets, Callentonelle, and the Component of the Compo mbles the Wings of a Bat. See STYLOIDES, CORACOL-DES, Efc.

CORONER, an Officer, whereof there are two in ever County, whofe Bufiness is to inquire, by a Jury of twelse Neighbours, how, and by whom any Person came by a vislent Death; and to enter the fame upon record. This, being Marter Criminal, and a Pica of the Crown, its berge

They are called Crowners, or Coroners.

They are choicn by the Freeholders of the County, by Virtue of a Writ out of Chancery.

Various of a Wirt out of Chancery.

This Officer, by the Statute of Westminster, ought to be a Knight; and there is a Wirt in the Register Mess Miles, whereby it appears to be a furficient Cause for moval of a Coroner chosen, if he were not a Knight, all had not so Shillings per Ann. Frechold. Mention is mile of this Officer as early as the Time of King Missiling. Anno 925.

The Lord Chief Juffice of the King's Bench is the Soro reign Coroner of the whole Realm, or wherefeever he There are also certain Special Coroners within divers Li-

berties, as well as the ordinary Officers in every Courty; and some Colleges and Corporations are impowered by the Charters, to appoint their Coroner within their own Precisits. CORPORA Covernola, in Anatomy, two fpengions Bres, called also Corpora Nervola, and Corpora Spenjigh Sec CAVERNOSA Corpora, &cc.

Sec CAPERNOSA CEPPOTA, CCC.
CORPORA OLICOPTA. CO CORPORA.
CORPORA OPERATIONAL SEC UNIVARIA COPPOTA.
CORPORA PERMIADALE, SEC UNIVARIA COPPOTAL.
CORPORATOR OF THE CONTROL OF

CORPORA Stricts, two Protuberances of the Crars of CORPORA STREET, two Protuberances of the CHEP's the Module Oblingation. See Marvellan Oblingation See, CORPORAL, an inferior Officer in a Company of See, who bath charge over one of the Divilions; places and re-lieves Contineis, and Leeps good Order in the Chef's in Gend's, receiving, withal, the Word, of the inferior Routh-thus pain by his Carp's at Garde.

These was elially three Corp'orati in each Company, See

MELANY

COMPANY.

The Word comes from the Italian Corporals, which femilies the time thing 5 and that from Captat, Head, Clidif, the Corporal being the first of the Company, Casponat of a Ship, is an Officer who hash the Charge of feeting the Watch and Centrac, and relieving them; are who feet that all the Soldiers and Saliors keep their harm seat and clean. He afte texthes them how out that

Arms, and bath a Mate under him. CORPORAL Onth. Sec OATH.

CORPORAL, CORPORALE, is also an antient Church Terminganifying the Sacred Linen, spread under the Chalice in the Eucharitt and Mass, to receive the Fragments of the Bread, if any chanced to fall.

COR COR (331)

Gone fay, it was Pope. Difficien who first enjoined the UG-ate deprivate, others by S. Shortfeer. It was the Californ we are Copyride, with Some Solomeira, D. Freen, and on the Californ was the Californ of the Californ of the Californ of the Capyride White Town Solomeira, D. Free Song, M.G. California fay, the Pope made Laux XI. a Pre-ting the Capyride Whether my Lond S. Peters from Mid-color of the Capyride Whether my Lond S. Peters from Mid-ter of the Capyride Whether my Lond S. Peters from Mid-ter of the Capyride Whether my Lond S. Peters from Mid-les and the California of the Capyride California was also shown to the California of the Capyride California Capyride was the California of Laurent Mid-les of the Capyride California of Laurent Mid-les of the Capyride California of Laurent Mid-les of the Capyride California of Laurent Midles and Laurent Midles Capyride California of Capyride Capyride Capyride California of Capyride Capyr

65

TAG, SS.

Lsy, as those of Cities, Towns, Mayoralries, Bailliwicks,
Companies or Communities of Commerce, SS. See Com-TANY, SEC.

TANY, Se. Again, a Corporation is either fole, or an aggregate of ma-of; which laft is what the Civilians call a College. See CALLEGE; fee also COMMUNITY.

of which left is wnst the Civilians call a Longe. See Concern Sic all Consumptive.

CORROREIT, a School Term. Subtance is ufusily added into Corporate and Spiritual: Now Corporately is the Quality of that which is Competed, or has Body 5 or that which confiltrates or denominates is facilities. See Secretace, and Bonv.

The Corporation of God was the capital Error of the Assertic Confidence of the Confidence of the

The Corporaty of God was the capital Error of the An-throcomphites. Some Authors repreach Tertullian with identiting a Corporaty in the Deity; but its manifest, by

Say he means no more than Subflance.

Suly he means no more than Sulyfiance.

The Malometans reproach the Sanaritans at this Day, with a Bellef of the Corporation of God. Many of the Aniests believed the Corporation of Angels.

CORPORTICATION, or Corporation, in Chymiftry, the Operation of recovering Spirits into the time Body, or

the Operation of recovering Spirits into the lame Body, or at leaft into a Body nearly the fame, with that which they had before their Spiritualisation. See Spirit. OORIS de Garde, a Pott in an Army, fornetimes under Court, fornetimes in the open Air, to receive a Body of Sol-

dety, who are reliev'd from time to time, and who are to such in their Turns, for the Security of a Ouerer, a

Comp. Station, &c.
The Word is also used for the Men who watch therein.

The Word is allo used for the Men who watch therein. Trussian to have, befust the great, a little Curpt de Grate, as a good diffance before the Lines; to be the more readily selected of the Approach of the Kinemy. Cons., in Architecture, is a Term borrow'd from the Prest, Signifying any Part that projects or advances beyond the Niked of a Wall; and which ferres as a Ground for fine Decoration. See Parajacrusa.

Can vs. de Bataille, is the main Body of an Army, drawn

of Battle.

CORPULENCY. See OBESTY, and FATNESS.

CORPUS, and CORPORA, Budg, Budge, in Anatomy, Tems apply to foveral Parts in the Animal Structure; as the Corpus Callyline, Corpora Strists, and Olivaris of a the Corpus Callyline, Corpora Strists, and Olivaris of the Petris;

An Evelope Covernife and Nevogs of the Petris;

as the Corpus Calliform, Corpus Striatas, and Olivarius of the Blain; the Corpus Convenigla and Novengle for the Penias Corpus Glandsluftem, Corpus Reticulture, Sec. See Callo-win Girgin, Orden and Corpus, Sec. Carvus is also used in Matters of Learning, for Several Vests of the Swatter, collected, join'd, and bound to-ligibles. Thus, Gratism made a Collection of the Canons

of the Church, called Corpus Canonum. See Canon.

The Corpus of the Civil Law is composed of the Digeft, Code, and Inflitutes. See Civil Law; fee also Code, and

Odds, and Inflittenes. See Gyrst. Zern j. the same corns, son We have also a Crypto of the Gerel Foots; and smother of the Zern Foots. Son Borst. Son Bors

Corpugles are the fame with what the Antients call'd Atoms; and differ both from the Elements y and Hypothatical Perts of the Chymiths, and the Materia Subrilis of the Cartefians. See Arom, PRINCIPLE, SUZZIE, MAYYER, E.S.
Sit Iface Newton thems a Method of determining the St.
288 of the Corposite who are the Resident Advances in Newton St. the Corpufeles whereof the Particles that compole Natural Bodies confiit, from their Colours. See Colours.

OORPUSCULAR of Atomical Philosophy, the Scheme or Syftem of Flysicks, wherein the Pluznomena are accounted to; from the Motion, Reft, Position, Arrangment, See of the minute Corpolities, or Atoms, whereof Bodies are

compos'd compoid.

The Corpugatar Philipphy, which now flourishes under the Title of the Mechanical Philipphy, is exceedingly antient. Leuisphus and Democratis were the first who taught it in Greece; from them Epicarus received it and improved it, is someth that it came as length to be demonitated from

him, and was call'd the Eticurean Philosophy. See For-

CERLAN.
Linstippis, again, is faid to have received it from Mediera a Personan Physiologist and Physician, before the Time of the Physician, before the Time of the Department of the Central Physiologist and Central Physio

of a Torien, who among his own Count

of a 1971sh, was among his own Countrymen was caused Then Moster, or according to the Method of writing which then obtained, Mosts: whence 'is conjectur'd that the Moster, or Mosters of the Tyrisus, was, in effect, the Most of the This appears to be the Sentiment of Selden, According, Sc... But the Opinion of Buckers is the more probable, who from

But the Opinion of Buchart is the more probable, who from Postdonius and others, takes Muchas for an Inhabitant of St-Priddenius and others, takes Machus for an Inhabitant of N-dius, and his Philosophy to be nothing elfe but a Phyfiological or Natural Hithory of the Creations After Episceusi, the Corpulcular Philosophy gave way to the Persputerie, which became the popular System. See

Paritateric.

Thus, in licu of Atoms, were introduc'd Specific and Sub-fantial Forms, Qualitics, Sympathics, Etc. which amoutd
the World till Gaspinata, Charleton, des Cartes, Boyle, New-ton, and others, extrict'd the old Cortalphinarian Hypothelia,
which is now become the Baffs of the Mechanical, and perimental Philosophy. See Mechanical, Experimen-TAL and NEWTONIAN

YAL, and NAWYONIAN.

Mr. Beyle reduces the Principles of the Corpufcular Phi-lofochy to the four following Heads:

18, That there is but one Catholick, or Univerfal Matter,
which is an extended, imponentable, and divisible Sub-flunce, common to all Bodies, and capable of all Forms.

STATE COMMON TO All Bodies, and capable of an evidence of MATYLE.

This Sir I. Newton facely improves on: * All Things confidered, Apps that great Author, it appears probable to me, that God, in the Beginning, created Matter in folich, bard, that God, in the Beginning, created Matter in folich, bard, that God, in the Beginning, created Matter in folich, bard, the Matter of God, Size and Fig. that Uost, in the Brignings, cented Matter in Iolis, bard, garges, and with foot other Properties, as not considered to the English of the Properties, a not considered to the End for which he form? Cun: And that their private that the Control of the End for which he form? Cun: And that their private that the Control of impenetrable, moveable Particles a of such Sizes and Fi-Opticks.

Opicids.

-d, That this Matter, in order to form the vafit Variety
-d, That this Matter, in order to form the vafit Variety
-f Natural Bodies, much have Motion, in force or all its alfiguable Farra; said that this Motion was given to Mitter
-by God the Centere of all Things; and has all manner of
-The Corporation, for year. In Neuron, have not only a
-Fite forcettis, for year. In Neuron, have not only a
-Fit learning, accompanied with fact patitive Laws of Mo-tion an unratuly relatif from that Farrec; but all for or
-moved by certain active Pinciples; fact as that of Gra-virs, and that which crock infrarections, and the Codebins, on the Codebins.

vity, and that which caufes Fernicataion, and the Conclum of Bodies.' See GRASTIY, FERMENS ATION, 50. 2d, That Matter muth alfo be achasily divided into Parts, and each of their primitive Particles, Fragments, or Atoms of Matter, muth have its proper Magnitude, Figure, and

Shape.

4th, That these differently fix'd and shap'd Particles, have different Orders, Positions, Situations, and Positures; from whence all the Variety of Compound Bodies arise, or it of CORRECTION, in Printing, the Retrenching of the Paulis in a Work; or the Reading which the Molter, or in his fixes the Corrector, give the first Proofs, Popinette and correct the Faults, to be adjusted, in the Farms, by the Compositor. See PRINTING.

The Correllions are plac'd on the Margin of each Page, right against the Line where the Faults are found. There are different Characters us'd to express different Correllions, on different Chamblers sold to capacité différent Carréllius, sog. De ce à dui, for any thing to te efficience, self enteur When any thing is to be inferred, the Flate is mark'd in the Line with a Care 4 and the Inferrion added in the Margin. When a Word, Spilable, Efe. is to be abred'd, this created out of the Food, and that to come in its room written in the Margin a lessys deferring, and the first and in the firme Line and the company of the company If a Letter be inverted, 'tis express'd on the with X.

Margin with]. If any thing be transpord, its marked thus 3 The fourty | Are the Foliate | beft ; for, The fourty | Foliate | beft ; for, The fourty | Foliate | see the beft : and in the Margin is added to in a Cit. of Remain Characters are to be changed for faile, or vice very, a Line is drawn under them thus, and Rem. or

Bal. added in the Margin. See Composition. Connection, in Rhetorick, a Figure, whereby a Person in a Passion fearing he has not express'd a thing fully, or firengly enough, calls it back again, as it were, by a firenger Phraic, and corrects the Enor. Sco Figura.

Thus Civero pro Cetio; O stuttina: stuttinam ne dicam an impudentiam singularem. O Felly! Folly do I call it, or rather Impudence. And in the first Catilinarian; Quanquam, quid loquor : 10, ut ulla res framat ; tu, ut unquam Thus Terence, to corrigas ; tu, ut ullam fugam mediteris. in the Heautontimornmenes: Filium unicum adol Centulum haben: Ab: quid dixi, habere me ; imo, kabui Chreme ; nune habeam nocue incertum est.

Correction, in Pharmacy, the Preparation of a Medi-cine, in order to moderate and qualify the too great Vio-lence of its Action; as when Glafs of Antimony is calcin'd with a little Salt-petre; or, to prevent its giving the Gripes, when Salt of Tartar is diffoly'd in an Infution of Senna.

Hence, CORRECTORS, in Medicine, fach Ingredients in a Composition as guard against, or abote the Force of others. Thus, the Lixivious Salts prevent the grievous Velications of Resionar Parges, by dividing their Particles, and preventing their Adhassons to the intestinal Membranes, whereby they sometimes occasion insolerable Gripings: And

thus Spices, and carminative Seeds also, afful in the eafier Operation of fome Cathartics, by diffipating Collections of

Wind.
In the making a Medicine, likewife, such Things are called Carrellow, as deftroy or diminish a Quality in it that could not otherwise different with: Thus, Turpectine may be called the Carrellor of Quicksilver, by defineying its Finxility, and making it thereby capable of Mixture: and thus reflified Spirit of Wine breaks of the Fonus of Some acids, so as to make them become fase and good Remedies, which before were destructive.

which before were definitive.

CORRELATIVE, formething opport to saorber in any
cerain Relation. See RELATIVE,
Thus, the Father and the Son are two Correlatives; Pater & Filius filis unusu reflectates. Light and Darknef,
Motion and Rela, are correlative, and opposite Terms.

ORRIDOR, in Fortification, a Road or Way along
Edge of the Dick, withoutfiles; incompating the whole

Fortification. See Direct.

It is also called the Covert energy because cover'd with a Glacis, or Esplanade, serving it as a Parapet. See Covert

The Corridor is ordinarily about 20 Yards broad.
The Word comes from the Italian Coridore, or the Spa-

pith Corndor. Corried is also used in Architecture for a Gallery, or

ing Ific, around a Building, leading to feveral Chambers at jong inc, atomas a maining, reasing o revers cannotes as a difference from each other. PCFRIVALI, a Relative Term, fignifying, originally, a PCFR with drew Water from the fame Soarce or Spring with another; by means of some common Canal, which carried it to both their Lands; a nod which prov'd the Occasion of

Hence the Word came to be used for those who have the fame Pretentions; whether to Giory, to Love, or the like: but use has abridged the Word; and we now both write and pronounce Revel.

CORROBORATIVE, in Medicine, any thing that increases the Strangth, or gives a new Force. See STRENGTH-

NER.
The Word is likewife frequently apply'd to fach Medicioes as are of ufe in particular Weskneffes; as the Finor Allous, Genoribans, Efe. Such are Terebinian, Efe.
All Cardines are Europhyrative. See Cardine.
CORROSION, the Action of correduct, or grawing away, by latte and little, the Continuity of the Fares of

Thus, Acids corrace most Natural Bodden; and Arfenic only kills, because it corrects the Bowels with in thurp pointed Particles. See AREXANC, POSSON, &c. Correffen a wied both in Chymittry, Medicine, and Natural Philosophy; where it flunds for a particular Species of Diffiblation, either by an Acid, or a fallen Mentiruan. See

What Corrollog has peculiar to it, is, that 'tis mostly de-

fign'd for the Refolution of Bodies the mult strongly com-parted, as Bones and Metals; fo that the Mentitraums im-ploy'd require an uncommon Moment, or Force.

ploy'd require as uncommon Moment, or Force.

New the Correfee Liquors, whether acid or unloss, are nothing but Salts diffold'd in a little Phlegm: Therefore, these being field, and consequently containing a confidenable quantity of Matter, do both attract one another the more and are also more attracted by the Particles of the Body, and are also more attracted by the Particles of the Body.

and are also more attracted by the Particles or the Buly, which is to be difficiled. And as their Attractions at equal Diffances are proportional to their Bulks, aeteris parishs; so when the more folid Bodies are put into failine Menthums, the Attraction is ifronger than other Solutions; and the Morion, which is always proportional to the Attraction, more violent. See ATTRACTION.

violent. See ATTRACTION.

Hence we easily conceive how they should drive these Salts, like so many Darts, into the Porce of the Bodies, and open and loosen the Cohesion of them, the over to firm See Acrp.

See Acrd.

Again, we know, the more minute the Particles of the
Menitraum are, the foomer they penetrate, and with the
greater Force: The Montion produced by Attraction, being
always greated in the least Corpuscles, next to nothing to

Add to this another advantage gain'd by this minuteness of the Particles, etc. that they approach nearer the Bedy to be diffoly'd; without which, the attractive Force word be infensible. Hence, those very Salts, which diffoly'd in Water will hardly touch Metals, if once turn'd into acid Water will hardly touch Metals, if once tun'd imo ad Spirits, caffly penetrate: For in Diffillation, nor only a great-Quantity of Water remains, but the faline Bodies are fa-minated; beaken, and divided by the Fire, as to make then more readily capable of being mov'd by an attractive Feeg-and therefore fach a diffill of Mentiruum is much more di-

cacious rhan any Solution of Salt made with Water. See MENSTRUM CORRUGATOR Supercilii, or CORRUGENT App cite, a Muscle ariting from the great Canthus of the Orbit of the Eye, and terminating in the Skin about the middle of

the Eye, and terminating in the oasil above, the Eyelsows. See Evragows. Prolongation of the Presentable. Its Nume declares its Ufe 5 being form'd of Cos and Rage, to wrinkle up, and knit the Brows.

CORRUGENT Magile, the fame as Corrugator Super-

iii. See Corrugator.
CORRUPTICOLE, a Sect of antient Hereticks, who

arofe out of the Eurycheans in Egyps, about the Year 1st, under their Chief, Severus, the pretended Patriarch of the

Their diffinguishing Doctrine, whence they derived their Name, was, that the Body of Jesus Christ was corruptible that the Father had owned it; and that to deny it was to deny the Trath of our Saviour's Passion.

only the Arms of our Saviour's Famon. On the other hand, Falian of Halicarnaffens, another Entychean, a Refigee as well as Severus, in Alexandra, maintaind that the Body of Jefin Christ had been always Incorruptible; that to fay it was Carruptible, was to make a Difficient between Jeins Christ and the Word, and by confequence to make two Natures in Jefas Christ. The People of Alexandria were divided between the two

The Feople of Allesandra were divided between the two opinions; and the Fartisian of Sources were called Georgi-stotle, q. d. Worthipers of Sonething Corruptible: Some-times they were denominated Corruptibles: Some-times they were denominated Corruptibles; and the Albe-rease of Fulian Incorruptibles, or Phasmolighter. The Ciercy and Scalar Fowers favourd the first; the Monits and the Feople the latter. CORRUPTION, the Extinction of any thing; or the CORRUPTION, the Extinction of any thing; or the

Action whereby it ceales to be what it was.

Thus, Wood is faid to be corrupted, when we don't fee it remain Wood any longer, but find Fire in its flead. And thus the Egg is corrupted, when it ceales to be an Egg, and

we find a Chicken in its room.

Hence that Axiom in Philosophy, The Corruption of one thing is the Generation of onether.

Corruption, in effect, differs from Generation, as two Contractes differ from each other. See Generation.

It differs from Alteration as the Lefs from a Greatet, or a Part from the Whole 3 a Thing being faid to be after when it is not fo far changed but it may be known, and fill keeps its old Name; both which it lofes by Curruption. See

ALTERATIO But, as in Generation, nothing of Matter is produced that did not before exist; so in Correspon, nothing more is lost, than that particular Modification which was its Form, and

made it to be of fuch a Species. See Form.

Dr

The Drake accounts for Corroption in Animal and Vego-nile Bodies, thus 4. The Principle of Corroption is, po-sing, the time within in States of Circulation is the Prin-ciple and Corrollation of Circulation in the Prin-ciple and Committee with all their in found mixed in con-tractions of the Corrollation of Corrollation of Corrollation of Motion, vins. an expansive one, from the Arterial Relati-city, by means otherword it communication that Intelline city, by means whereof it communicates that inteffine Medien which all Juices have, which the contain-ing Para are gradually extended and grow; and a cir-cultury or progreditive Motion, which is not effential to it, but is occasioned by that Refiltence of the folds Parts of shock Bodies, which obliges it to take that Courfe which is most free and open, which is thry the Veffels of Animals and Plants

mais and Fiants. "Now, this Course being flop'd, the expansive Motion fill remains, and continues to act, till by degree it has a fill remains, and the continues to act, till by degree it has a first overcome the including Bodles, as to bring it of first overcome and the side it exames do without actionsing the Texame and Community, or Specials degree of Contribution of Bodles Society, and the side of Correption.

Eds; which is what we call a State of Corruption.

This expansive or destructive Quality of the Air in Bodies, may be promoted two ways; and therefore Cor-This exemptive or defineditive Quality of the Air in Tubics, may be presented two ways and therefore Crubics, may be presented the ways and therefore Crubics, and the control of the Crubics of the Crub

Bet note, there are feveral Offences now made Treason by Act of Parliament which don't corrupt the Blood, ner that the Criminal forfeit any thing thereby befilde what he

CORSAIR, CORSAIR, a Pirate, or Perfen who fcours the Seas, thethally the Mediterranean, with a Veffel arm'd for War, sitiout Commission from any Prince or Power; to plunder

Mechant Veffels. See Pirare. The Corjair is diffinguish'd from a Privateer in this, that The Carjair is diffingulifid from a Privatore in this, mat the latter does it under a Commission, and only attacks the Velicia of those at War with the State whence his Commission icrivid. See Parvarnas.

The Panishment of a Carjair is to be hang'd, without Remillion, whereas Privatores are to be treated as Privatores of War. All Carjair Vessels are good Private.

«We. All Crypir's Veiffes are good Prince. See Farse.

The Wed comes from the Island Carpir, of Carpi, or 1

Longitum, or 2 Canapini, or 2 Carpinii. Monny, See.

ORRELEF, a State Carriel, according to lone, and the Carpinii in the Carriel, according to lone, as the Carriel, according to lone, and the Prince, commonly placed in the Management of the Emer. Carriel Carriel, according to lone, as the Management of the Emer. See the Campania State of the Emer. See the Carriel See the Campania Carriel See the C

CORSEPRESENT, in our anticnt Authors, denotes a

MARTINES ENT, in our anticest Authors, ecceives a Martinery. See Moravasars, The Word is form'd of the French, Corps professes; and the Reafine of the Denomination is probably this: that where a Mortuser after any Man's Death became due, the belief of Com-July 2014. bell or fecond bell Beatt was offer'd or presented to the litely and carried along with the Corpse.

CORSNED Bread, a superflittious manner of Trial, ofed OMSNED Bread, a laperillicia manner of Trial, selling our Gausey-Bread, aliang our Gausey-Bread, aliang our Gausey-Bread, aliang our Gausey-Bread, and the Command's Javae Single California of this Montel.

**Though the Gausey-Bread, and the Sea Gausey-Bread, and t

might caft it our of his Mouth." suspin self it out of his Mouth.

ORTES, it a Term purely Spanifly, reoperly fignifying the Court, i.e., a Term Durely Spanifly, reoperly fignifying the Court, i.e. a testes, or Alienbly of the States in Madrid.

The West is used in feed in feedings of the Affiins of Spanis-CORTEX, a Latin Name, denoting the Bark, or outer Grees of a Flant, or the like. See Baar.

CORTEX Peruvianus, call'd allo Quinquina, Kinkima, minaquina, Pulvis Patrum, and popularly the Jefuir s fork i is the Bark of a Tree growing in the Well-Indies, Quisaguina, Public Parima, and popularly the symbol Bark is the Bark of a True promain the Web America Earls is the Bark of a True promain to the Web, scaled by the Speaurich Public of Confessional, of the Inter-Med is practice of its extraordinary Virtue in remaind all Tall and the Confession of the Wood or Bark is bearen, and fiterpid in the Water where

Wood or Bark is bearen, the recept they are.

The Tree that yields this noble Specific, is only found in Perray in the Province of See Pressel on the Province of See Pressel on the Province of See Pressel on the Pres

The mark, where on the aree, is fireax d, of a writtin yea-w withoutfide, and a pale tan-colour within.

This about 70 Years lince this noble Febrifage was first

Tis about 70 Years ince this soble Febrifuge was first known in England. It was first introduct drine use by the Cardinal & Logo; where it France; it was first called from the Name of that Cardinal. Alterwards it became the Name of Febrir 2 Poster, and the 95-bits 2 Poster, and the 95-bits 2 Poster, and the 95-bits 2 Poster, because fold by the Jeintre, so whom that Cardinal, who had been of their Society, ket great Quantities

of it. When feft inmedied, it is fals to have been field for about cipits Skillings Steet, the Dule 5 which gates Fries, with the little Estim Soul from 1,000 to you which gates Fries, with the little Estim Soul from 1,000 to you consider the matter of propering and predefining its occasional in both the property of the Court and City of Parity, with this Fouch, properly direct him decree whereof was foun rater made publicly by the Matter Lane XIV, who recursed Zidlow to the Court and the for the Communication

for the Communication.

The Qenomynia is fold either in Bark or in Fouder: those who by it in the Bark mull chuse it wery dry and compared in the an anover been meitined, and which is not provided in the property of the property of the foundation of a longer disposable Title, sure the most efficient. For the Fouder, it must be easily fitted, and care be taken it to be Fouder, it must be easily fitted, and care be taken it to be Toucher, it must be easily fitted, and care be taken it to be Toucher, it must be easily fitted, and care be taken it to be Toucher, it must be easily fitted, and care be taken it to be Toucher, and the taken it is to be provided as the surface of the Toucher of t

bought of Perfins that may be trutled j it being very eafy to forphillicate it, and difficult to find it out.

The Grates is a Bitter, Abforbent, and Aftiringent or Stypter: E From its billeternels, M. Renorause oblivers, it bocomes fir to foffers four actionalous juices; for a four and a bitter make a facet. Again, as an Absorbent it bluste the Points of the Absorbent in Stune the Points of the Absorbent in Stune the Points of the Points of the Absorbent in Stune and of the Absorbent in Stune of the Absorbent in Stune and of the Absorbent in Stune and th

of Aciss, and persons their Action; and of confiquence conquirts. As a Spyric, it must have early Keen was de-ferred to the Acis of the Acis of the Acis of the first Spyric, it must have early Keen was de-ferred to the Acis of the Acis of the Acis of Specifics, by which the Paris before modifierd and re-ferred suppressing the Mailtine Perfusion, by bearing and augmenting the Kalistry of the Jules. On As a Bitree it heats; and it facilitates Perfusion, by bearing and augmenting the Kalistry of the Jules. On Ber in chief and is in caring of Ages, and internstrian Percey; it being all for their Perposis in all Ages, and internstrian and the Acis of the Acis of the Acis of the Ber in chief and is in caring of Ages, and internstrian for the Acis of a for the Perposis in all Ages, and internstrian and the Acis of the Acis of the Acis of the the Ratio of a for it. In visual or give a gentle Emerica-tion of the Acis of the Acis of the Acis of the Acis of the the Ratio of a for it. In visual or give a gentle Emerica-tion of the Acis of the Acis of the Acis of the Acis of the the Acis of the Acis of the Acis of the Acis of the theory of the Acis of the Acis

The Cortex must never be exhibited in the Paroxylm of an Ague, or intermitting Fever; but given in fach a Quan-tity at times between the Paroxyims, as to prevent a Return of the Fig.

The Correx exhibited in continual Fevers is dangerous and care must be taken, that the Remission of a continual Fever be not missaken for its Intermission: When there is a

and the second s Corres, or to prevent it, it is advisable to add to its Proparations the Black Hellebore, Æshbop Mineral, Ginnaber, & The Corres is often used for young Children in Agues, way way of Clyfter 3 and also applied to the Wriftz, and Soles for Rrrr Krrr.

the Feet, wrought up into a fliff Maß, with Turpentia Venice Treacle, &c. which usually answers the Purpose. Dr. Helwetius, Physician to the King of Prance abo Dr. Microstin, Popelain to the King of Frence shoat.

O Year ago, went a Dook cartiely upon the Subject of casting Agens by giving the Gerrae cripturally: I which he potential, that is more tife, and no led certain han the Getter given internally. Dr. Gelderm, in but Treattle of Set Diplojes, afters the context, and proven that the Getter given internally is as fife, and any powers that the context given internally in a fife, and any powers that the context given internally in a fife, and any powers that the context given in the Getter and power to extend the context given in the Getter and the context given in the Getter and the context given in the Getter and the context given in the property of the Getter and the context given in the property of the Section in Managhatic and Hirderica.

have preferib'd it with Success in Melancholic and Hysteric Affections, commonly call'd Vapours. have preferriog it with Success in accessness engagement and efficience, commonly called Polymers.

Convex Wintereaust, or Winteri, the Bark of a Tree brought from the Streight of Magellan, by Captain Winter, in his Voyage with Sir Francis Drake: Cluffers calls the

Tree, Magellanica Aromatica Arbor.

Tree, Megilaniea demunica deber.

The Bark in Ammunit, and found of good of the education the Soury: Half a Dram of th, bell't thin designated the Soury: Half a Dram of th, bell't thin the second of the education of the educati

CORTEX Caparis. See Caper. Cortex Corebri, the cortical or cinctitious Substance of

CONTEX Carebri, the cortical or cinetitions Sublitance of the Brain. See Contreax, and Brain. CORTICAL Sublitance of the Brain, in Anasony, the executor Part of the Brain and Carebellum, or that Part im-mediately under the Pis Marcy is called, because of its inveiling the inner or medallary Part, as a Bark does a Tree. Sec BRAIN.

See HAAIN.

The fame is also call'd the Cineritiess Substance, from its greyish or ash-colour. See Cineraryrows:

Archangels Pillbolounia, a Ferrange, first introduc'd this Division of the Brain into Carriers or Cineritious, and Medullary or Fibrous Substance. See Madullar, and Medullary or Fibrous Substance.

unity of turous Saninance. See Manuella.

The Cortical Subflance is more foft and mofit than the Medulary and follows or attends it thro' all its Prominences and Sinus's. It is found's, from the minute Branches of the Caroid Arterica, interwore in the Menlinges, and theace continued hither in infinitely fine Ramifications. See Manuel.

Mach Arterica.

continued hither in infinitely fine Ramifications. See Marker,
Moft Anatomith, after Adalogic, agree in its being gindulous, and that the medallary Parts are only a Continuation
thereof; Ruyle's issue excepted: who, from his admirable
Skill in Injections, and the Difference has made there
by, maintains that it has nothing glandarly in its. See Brains,
Carantine Loud, and Madulea Oblingate; fee also Gland.

CAROTIN, &c.
CORTIN, in Fortification, fignifies the Wall, or Diffance,
between the Flanks of two Baffions.

CONVET, or CURVET, in the Manage, an Air, in which the Horfe's Legs are rais'd higher than in the Demirous skind of Leap ap, and a little forwards, wherein the Horfe saifeth both his fore Legs are once, equally admited the said of the in the More raileth both his fore Legs at once, equally ad-vanced, (when he is going first forward, and not in a Cir-cles) and as his fore-Legs are falling, he immediately raifes his bind-Legs, equally advanc'd, "and not one before the other; to that all his four Legs are in the Air at once; and as he fers them down, he marks but twice with them. See

Horses that are very dull, or very fiery, are improper for Curvets , this being the most difficult Air they can make, Corrects a this being the most dimense are they can make, and requiring a great deal of Judgment in the Rider, as well as Patience in the Horfe, to perform it.

CORUSCATION, Glittering, a Gleam of Light emit-

red from any thing.

The Term is chiefly used for a flash of Lightning nim-bly darting down from the Clouds, in time of Thunder. See

bly darting down from the Clouds, in time of Thunder. See THENERS, and LIGHTNING. CORVUS, Crow, in Aftendomy, a Confellation of the Southern Homilippers. See Convertilation. The Stars in the Contellation Gerous, in Proteiney's Ca-talogue are 7, in Typic's as many, in the Britannie Catalogue 10. The Order, Names, Longitudes, Latitudes, Magnitudes, Ge. Whercof, are a talow.

Stars in the Conficilation Conves.

Names and Situations of the Stars.		Longitude			Li	Mage			
That in the Beak In the Neck nigh the Head Small one following their In the preceding Wing In the Break	- 4	7 8 6	21 0 25	35 58 16 58 58	19 20 14	39 37 29	41 40 0	4	

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Names and Simutions of the Start. & Longitude. Limitede.
                       South.
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CORYBANTES, in Antiquity, Prictis of Crhele, who danced and capeed to the Sound of Flutes, and Drums. Catallut, in his Pome called Arty, gives a beautiful Defeription of 'em; reprefecting them as Madmen. Accordingly, Massumes Tyrins lays, that thole possible with the Spirit of Carybertes, as from as they heard the Sound of a Flute, were feiz'd with an Enthufiafm, and loft the use of their

Hence, the Greeks ofe the Word useofarman, Corybantifing, to fignify a Person's being transported, or possess'd with a

Some fay, the Corybentes were all Eunuchs; and that 'ris on this account that Catullus, in his Atys, always uses fe-minine Epithets and Relatives.

Diedows Seniles remarks, that Corphes Son of Jajon and Colole, patting into Playagie with his Uncle Derdanus, the inflienced the Worthip of the Mother of the Gods, and agree his own Name to the Pricts. Strate relates it as the

gave ans own Name to the Frictis. SITABO FLISTES it as the Opinion of fome, that the Carphonics are Children of Ju-pierer and Callippe, and the fame with the Cabires. Others fay, the Word had its Origin from this, that the Corybonics always will of dunning, (if the Expertition may be allowed) qued any offers. Believe. Voffest. ned amin'ares fairens. Voffets. CORYMBIFEROUS Plents, are diffinguifh'd into fach sa

have a radiate Flower, as the Flor Solts, Calendula, &c., and such as have a naked Flower, as the Abrotanum Feminina, Empateriem, Artemilie; to which are added the Corymbi-ferent Affines, or those a-kin hereanto; such as Scabious, Diplan, Cardens, and the like. See Plant, and Co-

CORYMBUS, in the general, fignifies the Top, or Summet of any thing; but among the antient Botanills was particularly used to express the Bunches or Clusters of Ivy; Berries, Esc.

Berries, &c.

Some alfo call the Top of the Stalk of a Plant, when fo
fabblivided and adora'd with Flowers or Fruits, as to make
a round fighterial Figure, by this Name; as the Tops of
Lecks, Onions, and the like: and others confound the Word
with Umitelle, which expedient the flowery Tops of fach
Plints as have their Breaches and Flowers fread round, into the Form of what the Women pow call an Umberella. But among the modern Botsniths, Corymbus is chiefly used for a compound discous Flower, whose Seeds are not Pap

tor a compound discous Flower, whose Secola are not Pap-pous, or do nor fly away in Down: Such are the Flowers of Daifice, common Marigold, etc. Sec Serd. Mr. Rey, therefore, makes one Genus of Plants to be such as have a compound discous Flower, but without any downy Wings to carry off their Seeds; as the Carymbife-rest. See Charmetersous.

CORYPHÆUS, in the antient Tragedy, was the Chief or Leader of the Company that composed the Chorus. See

Chookes.

The Caryhhers spake for all the rest, whenever the Chorus took part in the Action, in quality of a Person of the Drama, during the Goard of the Acts.

Hence, the Term has paid a too a general Name for the Chief or Principal of any Company, Corporation, Sect., O-Chef or Principal of any Company, Company, Corporation, Sect., O-Chef or Principal of the Chef of the Chief.

pinion, Sc.
Thus, Enflachins of Antioch is call'd the Corypheus of the Council of Nice ; and Cicero calls Zeno the Corypheus

of the Armens.

The Word in the original Greek figuifies Typ of the Head.

CORYZA, in Medicine, a running at the Nofe; or a Deflexion of flist p ferous Humours from the Glands of the Head, arifing upon a diminution of Perfeiration, or carching of Cold. Sec Corp.

Proper Evacuations, as Bleeding, Epifpafficks, Stermuta-

ries, &c. are usual in this Cafe. COSCINOMANCY, or COSKINOMANCY, the Art

of Divination by means of a Sieve or Riddle. See Divi-

NATION.

The Sieve or Riddle being fufpended; after rehearing a Formula of Words, 'tis taken between two Fingers only; and the Names of the Parties fufpeded, repeated; Ho at whose Name the Riddle turnt, trembles, or flakes, is repated guilty of the Evil in question.

guilty of the Evil in question.

his must be a very antient Practice: Theoritus, in his
his must be a very satient Practice: Theoritus, in his third Idyllies, mentions a Women very Rillal in it. It was fornetimes allo practiced by sufpending the Riddle by a Thread, or fixing it to the Points of a Pair of Shears, giving it room to turn, and naming, as before, the Parties interpected: In which laft manner, Cofernemancy is still practic'd in Vome Parts of England. it appears from X'becerifus, that it was not only used to find out Persons unknown; but also to discover the Serves of shoft that were known The Word comes from the Greek zárzany Riddle and

CO.SECANT, in Geometry, the Secant of an Arch, which Arch is the Complement of another Arch to on Dehich Arch is the Complement of another Arch to 90 De-ces. See Secant, and Complement. CO.SINE, is the right Sine of an Arch, which is the

Complement of another to 90 Degrees. See Sing and

CONMETIC, a Term in Physick, used for any Medicine, Preparation, or Means used to beautify and embellish the Preparation, or vicinis used to beautify and embeldish the Face, and preferve or improve the Complexion; as Cerufs, and the whole Tribe of Fucus's, Washes, Cold Creams

and the whole Tribe of Fucur's, Waffiers, Cold Creams, Ip-Sulves, 26.

The Indians use the Water of green Castes Nam as a grand Cantrit, which wooderfully improves the Complexion.
COSMICALLy, a Greek Term, samuely, of same, Wireld, anothing founching that refers, or has a relation to the World.
Thus, among Altrologers, Cofineal Affect, is the Affect.

The, mong divolvers, Colonel 19vel, is the Africa of a Brace with region to our Earth. Official Resulties are wind by Mr. 19vis to the fine species with dylferanties once. Then, in conducing the oglifica of Niteral Bodies, we usually only take in the dylficial of Niteral Bodies, we usually only take in the first property of the control of the control of the first property of the control of the colone of the first in bare fone manifel. Commerce, by a Communica-tion of Impeditions; yet there may be fone Attributes to inge to a particular Body, and feveral Attentions to easily may be included to the control of the Control which it may be stable, not barely on account or those qua-lits prefun'd to be evidently inherent in it, nor of the Refrects it bears to those other particular Bodies whereto it Repetts it bears to those other particular modes wherever it less manifestly related; but on account of a System con-dimed as our World is, of such a Fabrick, that there may finted as our World is, of tuch a Fabrick, that there may to many unbeeded Agents, which by unperceived means save great Operations on the Body we confider, and work fach Changes in it, and enable it to work fach Changes and other Bodies, as are rather to be aftrib'd to forme unteded Agents, than to those other Budies with which the Bedy propos'd is observ'd to be concern'd. So that if many ledy proposal is obferved to be concerned. So that if many blicks that might be named, were placed together in Gene blicks that might be not be Bounds of our Sylferney, the mightery Space, beyond the Bounds of our Sylferney the they would reason of the Qualifiest they are now en-orated with, yet they could predict from all a but by be-ightered to their former Picces in this World, they would gain a Set of Faculties and Diffusitions, depending on ngain a Set of Faculties and Dispositions, depending on kne unheeded Relations, and impressions from the determi-ione Fabrick of the grand System, or World, whereof they as Farts. And these are what Mr. Boyle calls Cosmical or

so Pars. And these are what Mr. Hoyse can Comment or Splannical Qualities.
To account for these Cosmical Qualities, the fame Author pages from Colmical Sufficients, as to forme unobserved have and Orders of Nature; and refers 'em principally to the Mon of certain Effluvia hitherto unobserved. See Express. Commean is also nied in Aftronomy, to express one of

the Poetical Riffings of a Star-

e Focuses Riftings of a Star.

Thus, a Star is faid to rife Cosmically, when it rifes toge Taus, a Star is faid to rate Colonically, when it mes toge-ster with the Sun; or with that degree of the Ecliptic shorts the San then abides. See Risine. So, the Cofinical Setting is, when a Sear fees and goes down in the West, at the same time the San rifes in the East.

DESERVING.

Brit, according to Kepler, to rife or fet Comically, is only to alceed above, or defeend below the Horizon.

COSMOGRAPHY, the Defeription of the World 5 or, the Art which teaches the Confinction, Figure, and the Dipofing and Relation of all its Parts 5 with the Manner of International Confinence of the Co

of teprefenting them on a Plane.

epiteening them on a kame.

Comognaphy conflits of two Parts; Aftronomy, which
was the Structure of the Heavens and the Disposition of the Stars. See Astronomy And Geography, which shows those of the Earth. See

GEOGRAPHY The Word comes from the Greek abous, Mundus, World,

and respu, foribo, I describe. an antient Mathematical Inframent, trying to measure Diffances, both in the Heavens and on the Earth. See DISTANCE.

The Complete is in great measure the fame with the Agtralabe. Sec ASTROLATE.

Notes, See Astroclast.
It is also called Pantrofin, or Univerfal Informment, by
Morgani, and Treatise expectly thereoe, princed in 1612.
COSMOPOLITAN, or COSMOPOLITE, a Term formtimes infea despity a Perfon who has no first living, or
Notes of studies or a Man who is a Stranger no-where.
The Wood many the Cost of t

Word comes from the Greek zieque, Mundus, and Tian, City. One of the antient Philosophers being interrogated what One of the antient Philosophers being laterrogated was commy man be was a answerd he was a Commyolitam, i.e. in Inhibitant of Citizen of the World.

COSTAL, in Anatomy. There are eight Vertebre dif-

tinguish'd by the Name of Costales, or Pictories; because fervious to articulate the Ribs, which are lived with the See Vanarana

kars. See Veretreen. These Veretre are the eight which follow the second, all the Assiltary; and are therefore the third, sourth, th. and to the remb inclusive.

call'd the Assessing; and fifth, and to the treat include.

COSTE, in Anatomy. See Rank.

COSTIVENESS, in Medicine, a proteometeral Detention of the Extrements, with an anulual Hardness or Dryness of the Extrements, with an anulual Hardness or Dryness.

This is the expedite to a Diarrham or Lookened See

Diarrea.

Diarrea.

In the Philipphical Transactions, we have an ancommon the Parlent, one In the Philysphical Transchlions, we have an uncommon Instance of Colinosoft by Mr. Shruman: the Patient, one Transas Philips, for Sevenal Years, never went to Stool in lefs than 19 or 10 Weeks: He generally est and drank as well as his Neighbours; and did all the while the Office of a laas his Neighbours; and did all the while the Unice of a in-bouring Min: yet was not any of the other Evacuations fen-fibly greater than in other People. He died of it at 23

Icars out.

In Coffine soft the usual Remedies are gentle Preparations of Senna, lemitive Electuaries, Cream of Tarrar, laxative Clyfbere

COSTUS Arabicus, the Root of a Tree refembling El-dat, brought from Arabia; whence its Name. Its chief use in Medicine, is to enter the Composition of Venice Treacle.

The beft is heavy, of a cineritious Colour withoutfide, a reddiffa within, difficult to break, of a firong Smell, and an aromatic Taffe.

and an aromatic Tatle.

This Root was formerly call'd Coftus Verus, and was divided into two Kinds, the forest and the bitter Coffus; both
of which are now uncommon. M. Charas, and others, are of
Opinion there is but one kind of Coffus, which proves more
or lefs where or bitter, according to the Soil where it is fed.

or led freect or bitters, accoming to the Soul where it is Golfar Course Induces, an discrime Root, called all Opinion. Course Induces, an discrime Root, called all Opinions. The Course of the Course of the Course of the Course and Wister's Bert. On Colfar Course of the State where the most and best is bound. See Course Wistersam, where the most and best is bound. See Course Wistersam where the most and best is bound. See Course Wistersam when the most and best is bound. See Course Wistersam benefits at the Course of the Course of the Course to Course of the Course of the Course of the Course to Course of the C out four Acres of Land to it.

CO-TANGENT, is the Tangent of an Arch, which is the Complement of another Arch to 90 Degrees. See

COTHURNUS, Buskin, a very high Shoe, or a kind of Pattern, rais'd on Souls of Cork; wore by the antient Acof ratten, raised on some or cork; were by the antient an-tors in Tragedy, to make 'em appear the tailer, and the more like the Heroes they represented; most of whom tees in Tregedy, to make 'em appear the tailer, and the more like the Heroes, they represented; most of whom were improved to be Giants. See Thacking, I cover'd the greatest part of the Legand was tied beneath the Knoo. Sophuelrs is laid to have invented the Cethurnus.

See Besains.

COTICE, or COTISE, in Hersidry, is the fourth Part
of the Bend, which, with us, is feldom if ever born but in

Couples, with a Bend between them; and whence, probably, the Name: from the French Cost, Side; they being

born, as it were on the Sides of the Bend.

in feveral Places, discovering the Cotton thro' the C which is of an admirable Whitenels. In each Fruit

which is of an admirable Whitenels. In each Fruit see found feveral little Beaus, which are the Seed of the Tree. There is another kind of Cotton Tree, which every along the Ground, as the Vine world doil indispressed; the Cotton Tree, which every along whereof is the most effected. And the late Relations from the Scott mension two other Kinds, the one in the Start forms of Bradil, the other in the Ille of Sciattrian.

In each Fruit and

Terrs from o d Brafit, the other in the life of S. Catherner.
The Seed of the Catter being mixed, in the Fruit, open-ther with the Catten it felf, they have invented little bla-chines, which being played by the Motion of a Wincel, the Catten falls on one fale, and the Seed on the other; and thus they are separated.

Cotton makes a very confiderable Article of Comis diffinguish'd into Cotton in the Wool, and Spun-Cotton is a desinguilled into Centron in the Weel, and Symbothess. The first and fir various Peoples, as no pur between two South, in Qualut, Night-Cooms, Ed. but 'this the latter is well to be supported by the Cooples of t

COU

the Soil is fo favorable that they can have three Copp is a Year. There are ordinately beaught from Supras 1000 allae of George per deman effective or the Supras 1000 and the Supras 1000

gunfo, &cc. Cotton antiently only grew in Egypt, and was us'd by the Pricits and Sacrificers for a very fingular kind of Gowns,

wore by them ale

wore by them alone. Gatton, applied to Wounds in Ecu of Linea, produces an Inflammation Learnes/book, cumulang into the Renor of this with a Microfope, and the state of the s Fight; it follows, that upon the Application of Carton to a
Wound, its Edges must not only hurt and wound the Glo-Wound, its Edges must not only hurt and wound the Glo-bules of the Flesh, but also cut incessantly the new Marbaies of the Fifth, but allo cut inceffunly the new Mas-ter brought to fin no produce new Fifth, and that with the most cafe, as this Marce, not having artish'd the Firmenic and Conflictment of Fifth, while the have writed the conflict of the conflict of the conflict of the being compact of linic reand Parts, very clote to each cheep, from larger Maffes, and or the instrupble of bur-ing the photon Parts of the Fifth. Allough derives the Wool from the Linit Contras, the flow Most provings on Charles and Parts of the Parts for Notice provings on Charles and Parts of the Parts of Carrier, and Bimbaran.

ir Corton, and Bombazon.
COTYLA, a liquid Meufure, in ufe among the Antients.

See MEASURE. See Measurs.

Some have compared the Cotyles to be equal to a Roman Semi-Separy. Server adds, that the Roman Cotyle contained revolve Onnoces of any Lidgoot. Upon which Principle, there must have been as many Cotyle as there were Liapons ordinarily fold; which is nothing firange, since, in Several Countries, we fill find Measures of different Capacity, call by the fame Name, when they contain the fame Weights,

Famius fays, the Cosyla was the fame thing with the Hemina, which was half a Sextary. See Hamina.

At Cotylas, quas, si placeat, divisse licebis Heminas, recipit Geminas sextarius unus.

Christo observes, that the Cotyle was no'd as a dry Mea-fure as well as a liquid one; from the Authority of Thusy-dides, who in one place mentions two Cotyle of Wine, and in another two Otyle of Bread. The Word comes from the Greek zoruke.

the Greek with.

COTYLA, or COTYLE, or COTYLETDZS, in Anazomy, a
Name given the Cavities at the Extremities of large Bones,
encompatid with thick from Edges, which receive the
Heads, or Apophyles of other Bones articulated with them.
Such is the Cavity in the Jehimo, or Hip-Bone, which
receives the Head of the Bone of the Thigh.

It is alfo called Acetabulum, i.e. Cap. See Acetaeurus. COTYLEDONES, io Anatomy, little Glands difpers'd throughout the ontermoft Membrane of the Fatus, call'd throughout the determine Netmorshe or not refus, cain of Cherrin, (Cic. Gherrin, (Cic. Gherrin, (Cic. Gherrin, Cic. Gherrin, Cherrin, Canada, Jaice for the Subfiltence of the Festat. But Ciryladouse, in this sense of the Womb, See the Gherrin, Gherrin

In Latin they are call'd Acetabula, from their refemblance

of a Cup.

COWARD, in Heraldry. When a Lion is born in any
Efeurcheon, with his Tail doubled or turn'd in between his

Legs, they call it a Lion Centerd.

COUCH, in Painting, is ufed for each Lay or Imperfisor
of Colour, whether in Oil or Water, wherewith the Painter
covers his Canvas, Wall, Wainfort, or other Matter to be

painted. See PAINTING. painted. See PAINTING.

Thus, we say, A Painting has had its last Concb, or Lay a
Ceiling has had two Concber. There is a great deal of

a Ceiting nas had the Colours well, one after another.

The Word is also us'd for a Lay or Impression on any thing, to make it more firm and confiftent, or to fkreen it from the Weather.

Thus, Paintings are cover'd with a Couch of Varnish : A Thus, Yainness are cover a first a Conco of Varmitir A Carvas to be painted, must first have two Couches of Sice or the Colours be laid. Two or three Couches of white Lead, are laid on Wood ore the Couch of Gold be supplied: The Leather gilders lay a Couch of Water and Whites of Eggs on the Leather, or they apply the Gold or Silver

Crops in The Gold Wire-drawers sie the Word Courb for the sea 10000 Gold or Silver Leaf wherewith they cover the Mais to be leaft, as glided or filvered, before they draw it that the fron that is

Gold or Silver Later discretism they over the nata to be to give it in proper thickneds. See With 18-10 were to give it in proper thickneds, See With 18-10 were the Tar See T

perly rest on the Base.

COUCHING of Cataraltis. See Cataract. COVENANT, the Confent of Agreement of two or more Parties, to do of perform the fame thing. See CONVENTION,

and CONTRAC

A Covenant forms to be much the fame with a Pallum, or Conventum smoog the Civilians. See Pacy.

Covenant is either in Law, or in Fast. Covenant in Law, is that which the Law intends

Covenant in Long, is that which to Law intends to be made, the it be not expected in Terms: A, if the Lefflor dentific, and gamt a Tenement to the Lefflor for a certain Term; the Law intends a Covenant on the Lefflor's Part, that the Lefflor fhall, during the Term, quictly enjoy the Leafs againft all law ful Incombeances.

Covenant in Folf, is that which is expirelly agreed be-

tween the Parties.

There is also a Covenant merely Personal, and a Covenant Real. Fitzberbert defines a Covenant Real to be that

nass Rest. Fitsherbert defines a Covennus Rest to be used whereby a Man ties himfelf to pass a thing real, as Lands or Tenements, or to levy a Fine on Lands, 36.

Covennus merely Perforal, is where a Man covennus with another by Deed to build him a House; or to serve

him, ge.

COVERING, in Architecture, one of the principal

Parts of a Bailding. See Rooping.

COVERSED Sing, a Term form People use for the remaining Part of the Diameter of a Circle, after the verted

Sinc is taken from it. See Sink.

COVERT, in Law. Feme Covert denotes a Woman to be married, and so cover'd by, or under the Protection of, her Husband. See Coverture.

COVERT Way, in Fortification, a space of Ground level with the Field, on the Edge of the Ditch, ranging quite round the Half-Moons, and other Works on the fide of the

Country.
It is otherwife call'd Carridor, and hath a Paraper rais'd on a Level, together with its Basquers and Glacis, which form the Height of the Parapet, and ought to follow the Parapet of the Place, till it is infenfibly loft in the Field. See PARAPEY.

Sce Parafer. One of the greatest Difficulties in a Siege, is to make a Ledgment on the Covert Way; because, usually, the Beford palliside it along the Middle, and undermine it on all Sides. This is femetimes also called the Counterford, because it is on the Edge of the Scarp. See COUNTER.

SCART. COVERTURE, in Law, is particularly applied to the COVERTURE, in Law, is particularly applied to the State and Condition of a married Woman; who, by the Laws of our Realm, is under Covert-Berron, or flat postfatte civit; and therefore disliked to make Bargains with any, to the Pricipation of the Fell of the Husband, without his Con-fert and Privity; or at least without his Allowance and Confirmation: A fail if the Husband alter the Wile's Lands, during the Marriage, fike cannot gainfay it during his Life.

COUGH, in Medicine, &c. See Tussis.
COVINE, a deceirful Compact, or Agreement between
so or more, to deceive or prejudice a third Person.

wo or more, to deceive or periodic a third Perfon.

As, if a Tenant for Life confpire with another, that this other flash recover the Lend which the Tenant holds in prejudice of him in Revertion.

The Stirmer should be the Confirmer of the Conf

Dr. Skinner takes the Word to be a Corruption of the Latin Conventum, and therefore writes it Coven.

COVING, in Building. When Houses are built projec-ting over the Ground-plot, and the turn'd Projecture arch'd with Timber, lath'd and platter'd; the Work is call'd Co-

with Limber, into a and painter of the work is call the ving. See Alcovil.
Cornicles is a Corniche with a great Cafement, or Hollow therein. See Consistin.
COUL, or COWL, a Habit wore by the Bernardins, and Beweditims.

There are two Kinds of Couls; the one white, very large, were in Ceremony, and when they affift at the Office: The other black, were on ordinary Occasions, in the

The date black, were on colinary Occasions, in the Section Sec

The Word is form'd from the Latin Caculla, by confound-ing the two first Syllables into one, as being the fame twice

repeated. See Cown.

COUNCIL, or COUNSEL, an Affembly, or Meeting
of divers confiderable Perions, or Officers, to confider and
report Meafures touching the Administration of publick Af-

concer Measures reaching the Administration of publick At-fairs, or far the rendring of Justice. The King's Privy Council, is the Primum Mabile of the Coul Government of England; and that from which all the Gett Government or Longuans 3 and that from which all the infector Orbs derive their Motion. See Parvy-Council. In the French Polity Councils are very numerous: They her their Council of State, Council of the Finances, Council of Diffathes, Council of Directions, Grand Council, Dona-

of Diffactors, Council of Directions, Grand Council, Council of the Regency, Council of Conference, Sec. Consect, in Church-Hibbary and Policy, is a Symod, or Affenbly of Prelates, and Doctors, met for the regulating of Matters relating to the Doctrine or Difcipline of the Church. Sec Syson.

Charch. See Synon.

A Provinced Council, is an Affembly of the Prelates of a Province, under the Metropolitan. See Province.

A National Council, is an Affembly of the Prelates of a National Council, is an Affembly of the Prelates of a Nation, under their Primate or Parimerb. See Primark. An Occumental or General Council, is an Affembly of all the Prelates of Christendom. See Orewanical.

ne reasons or origination. See Original Relation 10 february 10 fe

General Councils are frequently call'd by Ecclefiaffical Authen Plenary Connects.

him Pleany Connots.
The Romenty Section 18 General Councils; whereof enble for first are admitted by the Reformed. The Namplant of the Connot seemed to the Connot seemed

seed Epilopia, one of Flerman, one of Entrance, and the last of

first, which held from 1854 to 1876-187 and the last of

The Connot of Trent one of Provincial Obsails to be

determined to Trent ordains Provincial Councils to be

determined to Carasy yet the last held in France is that

ef Bourdeaux, 100 Years ago.

of Bourdessex, 100 Years ago.
The Word comes from the Latin Conciliuss, which figuites to more than an Affembly 3 for we fay, Concilium Desmus, Concilium Patrum, Concilium Marryrum, &c..
There have been various Collections of Councils, as that Thre have been various Collections of Contain, as that do M. Admir at Perprisi in 1814, to one of F. Corke, a Francisco, in 1916 a sancher of Sorrier in 1953; another of Sorrier in 1953; another at Count of College, in 1964, in 1976 and the Count of College, in 1964, in 1976 and 19

Singes, Retreats, Engagements, &c.

The same Term is sometimes also used for an Assembly of

The time Term is Sometimes also sheld for an Affansh's of the Olivers of a regiment, or Ship; met to try Soldiers or Shilor accorded of any Crime.

Ship and the Ship, wherein as table as part of the Ship, wherein as table as by Laws which bind the Citizens of London: It makes it by Laws which bind the Citizens of London: It makes it by Laws which bind the Citizens of London: It makes it by Laws which bind the Citizens of London: It makes the Lond Mayor and Aldermens; and a lower, of a New Market London Mayor and Aldermens; and a lower, of a New London London London London, and the London London Works, as Repredentatives of the London London, and the COUNT, Camer, a Noblemma who politicle as Domain stilled line as Camers. See Caustry 1.

OUNT, Comei, a Nohimma woo poticies a Libinario acided into a County, See County, Exe Coun

County ; as the Count d' Avaux, &c.

County as the Count of Newson, Sec.
Amienty, all Generals, Councellors, Judges, and Secretales of the Cities under Charlemagn were called County that the diffingulfting Character of a Duke and a Count being this, that the latter had but one Town under him, but the Senner (several. See Duke.

A Count has a Right to bear on his Arms a Coronet, adorn'd with three precious Stones, and furmounted with

three large Pearls, or a row of Pearls, whereof those in the Middle and Extremities of the Coroner, advance above the See Conorre

rett. Sec Cenoux."

Commit were coggiully Londs of the Court, or of the Emperor's Rectines, and had their Name Constrt. A Cinitrative to Particular States and had their Name Constrt. A Cinitrative Action and their Name Constrt. A Cinitrative Action.

Feature, or as the Emperor's Side, were called Constrt States. See Fallarists. On Constitute of Latery. See Fallarists. The Constitute of Latery. See Fallarists. The Constitute of Latery and the Constitute of Latery and the Constitute of Latery and Latery

Seribes He

soften, E. Commonwealth 3 at the Interest, creative Model of the Conference C

and under him it was, that the Name was first given ab

Solatily. When conce exhibiting was in a little time indifferently confered, nor only on their who hillowed the Court, and court, and court, and court, and court, and court, and court, a long Lind began the Lind be much Konde of Office on the California of the California court, a long Lind began to the court in the Lind began to the court in the California court i

other of the Privileges of Senators. See Sanatora.

There were Counts who ferved on Land, others at Sea 3 fome in a Civil, fome a Religious, and fome in a Legal Capacity as, Cuente Entrair, Counts Sectorator Largitistum, Counts Sacri Confficie, Counts Capacity, Counts Sectorator, Counts Sectorator, Counts Capacity, Counts Sectorator, Counts Capacity, Counts Medicatorous, Counts Counts Counts (Counts). Comes Harrevium, Comes Opfoniorum aus Annonas, Comes Domecficorum, Comes Esparum regiorum, aus Comes Sia-buli 3 Comes Domerum, Comes Excubitorum, Comes Nota-riorum, Comes Legum, feu Profesfor in Jure, Comes Li-mitum, aus Marcarum 3 Comes Maritime 3 Comes Portus

mitum, ass nurses me, y.

Rome; Chert Parnimozii.

The Prants, Germans, &c. puffing into Gaul and Germans, did no abolish the Form of the Roman Government; and as the Governous of Cities and Provinces were called Counts, Comites, and Dukes, Duces, they continued to be

and in the Ostermons of Neutra and reprotect were seened of the See Dear Bollett, Diese, Hey continued to be criff to. See Dear Bollett, Diese, Hey continued to be critical to the See Dear Bollett and See Dear Bollett a

of Sovercipps in their particular Dillieth, or Cosmist. But, by degree, the Cupital Feature nesting to the Cosm. The Quality of Gene is now become very different from which a King grant upon creding a Territory into a Cosmy, with he Rederse of Justification and Sovereignty to hinder. At fift there was no Caulain has Peature of Erections and Cosmy in the Rederse of Justification and Sovereignty to hinder. At fift there was no Caulain has Peature of Erections in definite of Hein March and the Cosmy to the Cosmy in the Cosmy of the Rederse of the Cosmy to the Cosmy. The Point of Percentice Advanced and Countries, in definite of Hein Maic, final return to the Cosmy. The Point of Percentice Advanced and Countries in the Point of Percentice Advanced and Ampellies, the case of Lord and Ampellies and Countries in East the Point is possible on the Point of Percent and Marchitics that and Countries in But the Point is possible on the Cosmy who are Ferro of France, but no Marquille case is But the Point is possible on the Cosmy when the Cosmy who are Ferro of France, but no Marquille case is the Cosmy of the Cosmy of

vinces, they were on a second and Manquess.

William the Conquetor, as is observed by Camden, gave the Dignity of Camers in Fee to his Nobles; annexing it to thir

(338)

COU

this or that County, or Province, and allotting for their Maintenance a certain Proportion of Money, arising from the Prince's Profits in the Picadings and Fortiferance of the Provinces. To this Purpole the quotest as mattern Records than, Hen II. Res Angile his carbit Comition arresult of faith in the first Honoura Most Comition at Subj. (Batti nos facille Honoura Most Comition de Subj.) (See Second Seco

serm Manne de portiette C. Norvejok, first auspra. CombeMille, G. See Can. Cant., Groff, which, according to
a Madenn Critick, proppit figuities Proby; a said a dervid
from Gravie, or Groffin, of years. They have feveral kindle
of theoretics and Polifyrers, a count Phatine.
Their last are of two Kinds; the one ure of the Namber of Pattern, and have the Investment Phatine.
Their last are of two Kinds; the one ure of the Namber of Pattern, and have the Investment Phatine.
Some affert, that by publicky prefetting Digital of a
Law, who have affiund the Title excendingly has there
there are others whether are inflations of Profition of
Law, who have affiund the Title excendingly has there
there are others who will the Mights in dools. In a Real Action; as the Declaration is in a Prefendence: The Lieblar
of the Civilian complexities below. Anglie, &c. See BARE

tion is the Dadinestine is in Ferfensi over The Liebtus of the Civilian comprehends both. General of the Civilian comprehends both. General of the Civilian comprehends both. General of the Civilian Comprehends of the Civilian Comprehends of the Comprehends of the Control of the Comprehends of the Control of the Comprehends of the Control of the Comprehends of the Liebtus Pershavil. See COUNTER, of the Liebtus Pershavil. See COUNTER, of the Liebtus Pershavil. See COUNTER, and the Liebtus Pershavil. It seed in the Comprehends of the Comprehends of the Liebtus Pershavil. It seed to the Comprehends of the Liebtus Pershavil. It seed to the Comprehends of the Liebtus Pershavil. It seed to the Comprehends of the Liebtus Pershavil. See Court and Seed of the Comprehends o

INNUET PET THEM COMMENTARY, OF CONTRESEND, in Heraldey, is used by the French to express what we more ordinarily call Bendy of Six per Bond limiter counterchang d. See Brann.

COUNTRESENDED.

COUNTRESENDED. the Field and Charge in an Escatcheon, by

Thus, in the Cost of the farmous Chancer:

He beareth, Party per Pale Argent and Gules,
a bend counterchoon of a that is, that Part of
the Bend, which is in that Side of the Ekstetheon which is
Argent, is Gules; and that Part of it which is on the other,
is Argent.

COUNTER-CHEVRON'D, denotes a Shield Chevronny, or arted by fome Line of Partition. See CHEVRON.

COUNTER - COMPONED, OF CONTER - COM-FONE, or COUNTER-COMPONY, in Heraldry, is when a Bordure is compounded of two Ranks of Panes; as in the adjoining Figure. When it confifts but of one Rank, it is call'd Componed; and when of more than two, Chec-ky. See CHECKY, Sc.

CONNTER-PRIMINE. SOE CHREATY, GS-CONNTER-PAIRN, OF CONTRE-PAIRI, is when the Efcuthen is divided into twelve Pales parted per Feffe, the two Colours being counter-chang d'. In that the upper are of one Colour, or Metal, and the lower of another.

COUNTER-PASSANT, is when two Lions are in a Coat of

COUNTRE-FASSANT, is when two Loots are in a Cost of Arms, and one appears to be petiting or waiting quint the contrary way from the other. See Passant. COUNTRE-FORKERID, by the Frenzib cell'd Courte-pointe, is when two Chevrons in one Effection meet in the Points; the one riling, as situal, from the Bate; and the other in-verted, falling from the Chief; So that they are counter, or opposite to one another in the Points.

They may also be counter-pointed the other way; that is, when they are founded on the Sides of the Shield, and the

wheth they are frended on the Sideos of the Shield, and be-feins meet that way, a cliff Country-pointed in Figh.

Perins meet that way, a cliff Country-pointed in Figh.

Fronds Heralds coll'd Courry-pointed, in reclosed 2. Fur, as well as Vair and Emrine; plut compand of fish Present well as Vair and Emrine; plut compand of fish Present as repetient the Tops of Contribut, called in French Discourse, Country-top-year, and the Present Country-top-year, and Country-top-year, and the Present Country-top-year, and the case on eight Country-top-year, and the present country-top-year, and there are eight Country-top-year, and the present country-top-year, and there are eight Country-top-year, and the present country-top-year, and the case of the Country-top-year, and the case of the year, and the present country-top-year, and the year of the year.

Quarters, or Divisions. See Quarter.

Countres, allient, is when two Berss are bosse in a
Coat of Arms in a Posture of leaping from each other, dirolly the contrary way. See Saliant

rectly the contrary way. See SALIANT:

CONNYER-TRIPPING, is when two Beafts are borne in a
Coat of Arms tripping, i.e. in a walking Poiture, and the
Head of the one to the Tail of the other. See TRIPPING. Counter-change, a mutual Exchange between two Parties. See Exchange. COUNTER-BREAST-WORK, in Fortification, a Falfe-Braye.

See FALSE BRAYE.

COUNTER-BOND, is a Bond given to fave a Person harm-is, who has given his Bend for another. So: BOND. This is also call'd Counter-security.

COUNTER-CHARGE, is a reciprocal Recrimination, or Charge, brought against an Accuser. See Charge. Countes-Deep, a feeret Writing, or a private Act, either before a Notary, or under a private Scal; which defiroys,

changes, annuls or alters fome more folemn and publick Act.

Counter-Deeds, are rather tolerated than permitted: in many Cafes they are actually prohibited; as being usually no better than Frauds.

The Cuftom of Paris sonels all Counter-Deeds, contrary to the Tenour of a Marriage.

to the Teomer of a Maringe.

CONTRES. Fitt, is I Law, a Replication to a Prayer.

Then, when a Tennit by Courteft, in Dower, or other

Real Aftion, pays the View or Advanced in Stronger

to the Aftion began, define to be admitted, to fay what the

can for the Striggened of his filter: That which the

Domandart alledges against this Request, why it should not be

admitted, it calls of the Stringer as Order. or Haves of

COUNTER-SIGNING, the Signing an Order, or Patent of Superior, in quality of Secretary; to render the Thing

authentick.

Charters, &c. are fign'd by the King, and counter-fign'd y a Secretary of State or Ld.Chaocellor. See Stonature...
COUNTER-CHARM, a Charm or Spell, contrived to hinder CONVERGENERAL A Charm or Speal, contrived to hinder the Effect of another. See Charm, Serell, Indonvers, 65c. Converge-Foil, or Converge-Foil, or Converge-Foil, is that Pare of a Tally frack in the Exchequer, which is kept by an Officer of the Court. See Tally, and Excurgues.

Converge-Fools, in Mafick, is when the Pugues proceed

mtrary to one another. See Fugue.
Countary to one another. See Fugue.

Part. See PART.
Thus, in Musick, the Bass and Treble are two Counterparts, or opposite Par

parts, or opposite Parts.
CONNTIN. FOLIN, in Musick, the Art of composing Harmony; or of disposing and concerting several Parts so rogether, as that they make an agreeable Whole. See Compositions, and Harmony.

Counter-point is divided into fimple, and figurative; agreeably to the Division of Harmony, into the Harmony of Concords, and that of Discords. See Concord.

Counter-joint took its Name bence, when Mufick in Parts was farft inroduced, their Harmony being fo fimple they aid no Notes of different Time, and mark'd their Confonances by Point; fee agoing each other. Hence, in regard of the Equality of the Notes of Time, the Parts were made Concord in every Note.

made Gancord in every None.
This atterwage bearms denominated finishs and plain
Countrajoint; so distinguish is from another Kink, wherein
None of different Value were all, and Different knought in
None of different Value were all, and Different knought in
State of the Interpretation of the Harmony of Concord, confish of the Impretacy, as well as the perfect Concords; and
may therefore be denominated privile, or imprivile, ascording as the Concords are, whereoff it is composed it Thus,
the Harmony artifus from a Conjunction of any Noire with
in 18th and Olden, in privile; how which in Third and Sixth imperfet

Such imported. Now, to dispote the Concords or the Natural Notes and their Oflaves in any Key in a fimple Counterpoint, observe, with regard to the Diffinition into perfect and imported Harmony, this general Rule, oits, to the Key f, to the 4th f, and to the third, a perfect Harmony suff be joined; to the 4th f, the 5d f, and 7th, an imported Harmony is indipending to the 6th f, either an imported or perfect Harmony.

Harmony. In the Composition of two Parts, observe, that the a third appears only in the Treble on the Key f, the 4th f, and the 5th f; yet the perfect Harmony of the Fifth, is always fapperd, and must be supplied in the Accompanyments of the theore East to those fundamental Notes.

mens of the thorow size to those randamental Notes, More particularly, in the Composition of two Paris, the Rales are, That the Key f may either have its Ockave, in Third, or its Fifth; the fourth f and fifth f may have either their respective Thirds or Fifths, and the first may have its Sixth, as rehave its Sixth, as, to favour a contrary Motion, the laft may have its Othere. The fixth f was have a contrary Motion, the laft

The fixth f may have either its 3d, its 5th, or its 6th.
The fecond f, third f, and feventh f, may have either their reflective 3d or 6ths 3 and the laft, on many occasions,
its falls 5th. Which Rules hold the fame both in flat and

fharp Keys. neary nexts.

For the Rules of Counter-point, with regard to the Succession of Concords; it must be observed, That as much as can be in Parts, may proceed by a contrary Monion, i. e. the Bits may akend when the Treble defends, and vice veryle. The Parts moving either upwards or downwards the firme way; two Octaves or two Fifths never to follow one another immediately. Two Sixths never to Juccoed each

oher immediately. Whenever the Octave or Fifth is to be made ale of, the Print result proceed by a consent Management of the Print result proceed by a consent Management of the States Rev., the Beld defected from the right for the diff. It is a star Key, the Beld defected from the right for the diff. It is the Colle, made print have its proper Harmony appelled to it; but the more than the right from the print have its proper Harmony appelled to its but the continued on the day it. This and Fifth may follow one moderns effort as the Tablistia and Fifth may follow one moderns effort as the Tablistia and Fifth may follow one moderns effort as the Tablistia and Fifth may follow one moderns effort as the Tablistia and Fifth may follow one

construct effects on the has a mind,

[Figurative Counter-pixe is of two Kinds: In the cap

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[Firetaire Firetaire Firetair

Surgest Ties

Syreatries.

For the Geoud, wherein the Differeds are used as a folid and similarial Part of the Harmony; the Differeds that have Flace are the Fifth when join'd with the Sixth, to which it thanks in the Reiston of a Differed; the Fearth

sald it hunds in the Retains of a Differed in the Teach, such pinds with the Hift ja be Nish, which is in citied an Sound; the Seventh, and the Second and Fearch. It is the the the third pinds of the Retains which is sent to the the third pinds of the Replating of Differed.

The Differed is people by the Hiddling in the History between the Replating of Differed.

The Differed is reported by the Hiddling in the History between the Differed is first only in the Replating of Differed to the Replating of Differed to the Differed is first only in the Differed in the Differed is first only the Differed in the Differed is the Differed to the Differed is the Differed to the Differed is the Differed to the Differed in the Differed to the Differed is the Differed to the Differed in the Differed to the Differed in the Differed to the Differed to

g, or Second /

5, or Second L.

å the Diffcord makes a inhifantial Part of the Harmesy, 5 it maft aiwaya poffels an accented Part of the Meaine. Now to introduce the Diffcords into Harmomy; it must
be confider'd what Cencords may ferve for their Preparation is emisfer'd what Cancords may few for their Prignantial and Reliations: The Piffith, then, may be prepared, either by being an Othree, Sixth, or Third. It may be refaired the being an Othree, Sixth, or Third. It may be refaired the first the Sixth, or Third. The Fourth may be pre-friend that the Sixth, and the sixth of the property in ill the Concords; and retoived into the 1 hira, Sixta, and Fish. The Second and Fourth are used very differently from the rest; being prepar'd and resolved into the Bass. See Harmony. Concord, Discord, Key, Cerr, Modern

LATION, STC. COUNTER-TART, in Musick, denotes a Part to be oppo-tite to some other; as the Bass is the Counter-part of the

fit to fone other; as the Hals is the Counter-part of the Tithle. See Part.

CREWTER-TRNOR, is one of the mean or middle Parts of Mufik; fo call'd, as if it were opposite to the Tener. See

Theor.

CHENTER-PART, in Law, is the Duplicate, or Capy of
an Indenture, or Deed. See Duplicate.

The Prof. a Piot, or Intrigue contrived to thwart
and overshown another. See Prof.

CONNER-ROLL, a Counterpart, or Copy of the Rolls re-lating to Appeals, Inquestr, Sec. See Roll. COUNTER-ROUND, a Body of Officers going to visit, and

COUNTER-ROUND, a Heavy or Unicers genega to vinit, and infect the Rounds, or the Sentinels. See Rounn. Counters-swillow-fair, as Outwork, in form of a fingle Tenaille, wider at the Gorge than at the Head. See SWALLOW-TAIL

COUNTER-TALLY, one of the two Tallies whereen any thing is foored Course R. Light, or Counter-jour, a Window or Light opposite to any thing, which makes it appear so a difadran-use. A fingle Counter-light is fufficient to take away all

the Beauty of a fine Painting.

COUNTER-DRAWING, in Painting, Sc. the copying a De age or Painting, by means of a fine linen Cloth, an oil'd

age or Painting, by means of a fine fines clots, an early appearing thro', are follow'd and traced with a Pencil, with or without Colour. See DRAWING.

Sometimes they counterdraw on Glafs, and with Frames son Cimes they counterdraw on Glafs, and with Thread; and also by means of Influments invented for the Purpose;

and any by means or Inframents invented for the surpose; site Braillelegam. Soc Parallelegam, Soc Para

See TRINYING.
To Counter-prove, is also to pass a Design in black Lead, or red Chaik they the Press, after having moisten'd with a Sponge, both that, and the Paper on which the Counter-Proof is to be taken.

COUNTER-Approaches, in Fortification, Lines or Works and by the Bridged, when their Trenches meet the Lines Attack of the Befingers. See APPROACHES.

of Afface of the Beliegers. See APPROACHES, COUNTER-Battery, a Battery on the Side opposite to that of the Enemy; especially that which aims to dismount the Enemy's Cannes. See Battery.

Cornyra Calmon. Ste Datters. Cornyra on and in Fortification, a triangular Work, in

Gernetz-Gerre, in Fortification, a triangular Wolk, in form of a large Paraper, placed beyond the Duch, before the Point and Faces of the Baffion. t differs from the Demi-lune, in that it covers the whole

Baftion. The Engineers ordinarily call it the Eurolopes. See Envatorry

"Tis chieffy us'd when the Baffion is on an Eminoneo and 'ris by means hereof that Battion is on an Eminence; and 'ris by means hereof that Battions may be doubled and tripled. Counter-guards are very fit for covering the weak Farts of a Place

weak Parts of a Place.

Counter-March, in War, a Change of the Face, or
Wings of a Esttalion; whereby the Men who were in the Front, come to be in the Roar.

This is an Expedient they have recourse to when the This is an Expedient they have recourse to when the Enemy attacks their Rear; or when they change their March for a Direction opposite to that wherein they had

began.

The Counter-March is either made by Files, or Ranks; by Files, when the Men in the Front of the Battalion go into the Rar: by Ranks, when the Wings or Flanks of the Battalion change Ground with one snother.

The Term is also used at Sea, for the like Change of a Sanadron Sanadron

Squaiden.

COUNTRA-MANE, in War, a fubrerrancous Vault, running
the whole length of a Wall, three Foot broad, and fix
deep, with feweral Holes and Apertures therein; contriv'd
to prevent the Effects of Mines, in case the Enemy should
make any to blow up the Wall. See MANE.

This Kind of Counter-mine is now little in use. The mo-This Kind of Counter-source is now little in ule. The mo-dern Counter-source is a Well and a Callery, funk on purpose till it meet the Hacmy's Mine, and provent its Effect it being first pretty well known whereabours it is.

being first pretty well known wheresboars it is.

COUNTER-MURAS, or COUNTER-MURAL, Builte Wall built

close to another, to feorify and fecure it, that it may not

receive any Damages from Buildings much continguous to it.

By the Caldon of Paris, if a Stable be erected against a

Particles-Wall, there must be a Commer-Wall added, eight

laches thick. M. Builts observed, that the Counter-Wall

cought never or be bound, or connected with the proper

COUNTER-SCARF, in Fortification, the Slope, or Acell-vity of the Ditch, looking towards the Campagne. See SCARP.

The Term fometimes also takes in the Covert-way, and Counterflarts are fornetimes made of Stone, and without

any Slope.

To be lodge on the Counterforth, in to be lodged on the Covertway, or the Gleici. See Cavera-Wey.

COWSTAN TRANSE, in Fortification, a Trench made Engels the Befogers, and which, of confequence, has its France transfer towards from. See Transer.

There are shally a great many Commandications between the set of the See Transer.

this and the Place, to prevent the Enemy from making any use of it, in case they render themselves Masters thereof. Countra-vallation, a Counter-Line, or Ditch, made around a Place being d 1 to prevent the Sallies and Excurfions of the Garrison, when it is strong.

fions of the Gerrifon, when it is throng.
Along its Edge, on the fide of the Tace, runs a Parapers,
and it is flanked from Space to Space.
Courarya worsawa, in the Military Art, the milling of
Works, in order to oppose these of the Enemy, See Works.
Works, in order to oppose these of the Enemy, See Works.
The Courarya worsawa is a superior Couragerya, See Works.
Works and the Space of the Space of the Space of the Space
He plains, by transfer Courage of the Space
He plains, by transfer Courage of the Space
He worsawa in the Space of the Space of the Space
He worsawa in the Space of the Space of the Space
He worsawa in the Space of the Space of the Space
He worsawa in the Space of the Space of the Space of the Space
He worsawa in the Space of the Spa to make 'em fit each other.

COUNTER-MARK, a fecond or third Mark, put on any COUNTR-MARK, a tecond or third Mark, put on any thing mark'd before.

The Word is us'd in Commerce, for the feveral Marks put on a Bale of Goods helonging to feveral Merchants; that at mayn't be open'd but in the Preferee of 'em all, or their

if may not open the same reviews of causing or una Agenta. In Goddfiniths Works, &c. the Causier-Mark is the Mark or Punchion of the Hall, or Company, to show the Motal is Standard, added to that of the Artificer that made it.

Counter-Mark of a Horfe, an Artificial Cavity, which the Jockeys make in the Teeth of Horfes that have out-grown Jockeys make in the 'Leein of Horles that have one-grown the Natural Mark; to disgair their Age, and make 'em ap-pear as if they were not above fix Years old. See Mark. Conster-Mark of a Macha, is a Mark added to a Medal, a long time after is being fluck. See Mark.

a long time after its being Brack. See Menat.

The Country-Merki appear to be Faules or Flave in Medils, diffiguring the Ground, fometimes on the Side of the Head, and fometimes on the Reverfe; particularly in the large and middle fait Braft; yet are the yelfered d as Ecantics among the Carious, who fet a particular Value on fach

Medals, in regard they know the feveral Changes in Value they have undergone; which are express'd by those Counter Marks.

Marks.

Antiquativs, however, are not well agreed about the Signification of the Characters they find ou 'un. On force, NYA, Characters, NYA, Character, NYA, Relievo. See Monogram.

COUNTER-POISON, an Antidote, or Remedy, which pre-ness the Effect of Poison. See ANTIDOTE, and Poison. Of this Kind are Treacle, Michridate, and Orvictan. See

MITHRIDATE, &c.

AMPTHEDOTIS, CO.

Gautter-philout are cither general, or fleeific: General

Counter-philos are Angelica, Rice, Carduau Benedicitas, the

Vincecoxicum, Dittany, Scorzonera, Circos, Berear, Hartf-horn, Cc.

The Specificks are those that follow; Citron-Bark, v. g. is a Counter poison to Nux Vomica; Venice-Treacle to the Bite of a Viper; Oil of Scorpion, to the Bite of Scorpions;

STATERA.

It is made to flide along the Beam ; and from the Divi-fion in which it keeps the Balance in Equilibrio, the Weight of the Body is determin'd. See Balance.
It is also call'd the Pear, on account of its Figure 3 and

Afail, by reason of its Weight. Rope-Dancers use a Pole by way of Counter-poise, to keep cir Bodies in Equilibrio.

Their boutes in Equinoria.

COUNTERFORTS, Entreffer, Spars, are Pillass of Mafoory, ferving to prop or Initian Walls or Terradies, fabject
to builde, or be thrown down. Soc Bervanss.

Their Works are utually bent into Arches, and placed at
a dittance from each other.

When any thing is built on the Descent of a Mountain, it rouff be strengthen'd with Counterforts well bound to the Wall, and at the Distance of about twelve Yards from each

COUNTERMAND, a Revocation of an Order; or an Excuse for setting aside, or deferring a Configument. A Countermand differs from an Essign, first, in that in

A Convertantel differs from an Efficiage, fifth, in that in the Convertantel, the Configuration 1 proposed to the Colories for the proposed to the Configuration 1 proposed 1 of the Servants. See Houshold.

of the Servants. See Housington.
The principal Officer hereof, is the Lord Serward; under
whom are the Treafacer, Comprouler, Cofferer, Mailer of
who the Houthhold, Clerks ot the Green-Cloth, and Clerks Controllers. See Syraward, 55c.

the Board of Green-Cloth

In the Compring-House, is the Board of Green-Cloth, which is a Court of Juitice. See GREEN-CLOTH. COUNTY, originally fignifies the Territory of a Count, or Earl. See Count.

But now it is used in the same Sense with Shire; th one Word coming from the French, the other from the

one Weed coming from the Friend, the other from the Sayon, See Sints, Group is a Clentic. To Parison of the Read Sayon, See Sints, Group is a Clentic. To Parison of the Readm, ince 5; of which, the whole Land, Regions and Market, is divided, for the hence Government charced, and the Company of the Company

This Officer has a double Function; first, Ministerial, to execute all Procedies and Precepts of the Courts of Law discreted to him: and fecoulty, Judicial; whereby he has Authority to hold two Courts, the one call d the Sheriff i-Turu, the other the County-Court. See Turn, and County-

Court.
Other Officers of the feveral Counties, are, Lord Lieutemans, who has the Command of the Militia of the County s
Conflicts Residences, Julistics of Peace, Bailiffs, High Conflicts
Bable, and Coroner.
See Lord Lieutenany, Militia, Casean Assessment Sec Lord LIEUTENANT, MILITIA, Custos Raularum, Justice of the Peace, High Consta-

Cosron Restairmen, Justices of the Peace, High Conver-site, Balazze, Conostan, SG. on of Special Non, which are three-free term'd Counter Pedestrier; as, Lauselpte, Colpher, Burchus, and Ey. "Pempides allo, and Hexene were assistantly Counter Pedestries; which had belonged to well assistantly Counter Pedestries; which had belonged to the Religion Object Eussahert, and reduck'd to be a Part of the Ching Object. Eussahert, and reduck'd to be a Part of the Ching Overcomon of these Counters Pedestries, here-The Chief Courcemon of these Counters Pedestries, here-

The Chief Government of these commits Francisco, nere-tofore, by a special Charter from the King, sent out at Writs in their own Names; and, touching Justice, did all Things as absolutely as the King himself in other Committee; only acknowledging him their Superior and Governour. But in Henry VIII's Time, the faid Power was much abridg'd.

in Hemy VIII's Time, the faid Power was much abring a. Convert-Copyrate, is a Title given to feveral Citics, or anican Beroughs, on which the English Monarch have thought for to below extraordinary Privipeges, anexing to them a particular Territory, Land, or Juriddellon. The Chief of these in the famous City of Lendon; with The Chief of these in the famous City of Lendon; with The Chief of these in the famous City of Lendon; with The Chief of these in the Control of Control of Chief, November, the Town of Kingdon upon Hells, Novaogle upon Tine, Menerfyrd-ten as "Market" and the Chief of Ch

West in Wales, &c.

With in Welet, occ.

Cowner-Court, is 2 Court of Jathie held in each County
by the Sheriff thereof, every Month. See Straits.

This County Gourt had antenity the Cognitation of Matters of gear Montan; but was much shridgly by MegoCourte, and note a Léve IV. but has fill the Determination of the County of the County of the County
in the County of the County of Manual County
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County-Courts were the chief Courts of the Kingdom, See

COURT.

Among the Laws of K. Edger is this, via. Let there be two County-Courts in a Year, and let there be prefort a Biftop, and an Alderman or Bart; one whereof hall judge according to the Common Law, the other according to the Common Law, the other according to the county of the Common Law, the other according to the control of the two Powers to affit each other, is as antient as the English Government

They were first separated by William the Conqueror, who rought all the Eccicfiastical Business into a Consistory, erec-

broughs all the Accionations Jaminos into a Conntroy, orco-col for that Purpos (§ (ice Consustronar)) and the Law-Ba-finch into the King's-Beach. See King's-Basen, CUPFED, Coppe, in Hertality, expedies a Head, Limb, or other Thing is an Efunction which is borne as if out, clear and even off, from the Thutk; is nopolition to in being for-cibly can off, which they call Erafach. See Eraban. Thus, the Arms of Uffer, which all Bismores curry, is a

Dexter Hand confed, or cut off at the Wrift.

Confed is also used to denote such Crosses, Bars, Bends,
Chevrons, &c. as do not touch the Sides of the Escurcheon,

but are as it were cut off from 'em.

COUPEE, a Motion in Dancing, wherein one Leg is a little bent, and infpended from the Ground; and with the

little bent, and infpended from the Ground; and with the other a Motion is made forwards.

The Word, in the original French, fignifies a Cut.
COUPLE Cofe, in Ricaldry, the Bourth Part of a Chevron. Their are overer born but in Palies, except a Chevron be between them, faith Guillim; the Bloom gives an In-

flance to the contrary. See CHEVRON.

COUFLET, a Division of an Hymn, an Ode, Song, &c. COUPLE A, a Divinous an Expany, an occording wherein, an equal Number, or an equal Measure of Verses are found in each Part.
In Odes, these Divisions are more ordinarily call'd Strophes.

E STROTHE.
The Word is form'd from the Latin Copula.

By an Abuse, Complet is sometimes used to signify a Con-

gas of vertex.

COURANT, a Term used to express the present Time:

Thus, the Year 1716 is the Courant Year; the 17th Courant, the 17th Day of the Month now running.

Mit regard to Commerce, the Price Courant of any Merchandine, is the known and endinary Price accustom'd

to be given for it The Word is also used for any thing that has Course, or is received in Commerce: In which Sense, we say, Courant or

received in Commerce: In which Sente, we say, Courant or Carreat Coin, Sef., Soc Curkarkyr.

Comman: is also a Term in Musick and Dancing; joing used to expect both the Time or Asi, and the Dance.

With regard to the full, Courant or Currant is a Piece of Musick in stiple. Time: The Asi of the Courant is a Piece of Music in stiple of Minims; the Parts to be repetated twice.

COL

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COI

It begins and color when he was been the Mexister first his Hard, a meant-still tailing from the Surabund, which have he was the still the signal of Dancing, the Courant is the most common of all the Dance precial is I negligated; I to colors, the feelings of a Time, a Sury, a Balance, and a Coupen; the late of the side of the s

it also admits of other Motions.

Fermerly they leap'd their Steps; in which Point, the Garant differ'd from the low Dances and Pavades. There are finishe Courants, and figur'd Courants, all danc'd by two

rions.

CERNENT.

COURIER, or CURRIER, a Medienger feat Polt, or Egenft, to carry Diffustches. See Pour.

Andquity, too, had its Couriers; we meet with three Kinds, risk those who ran notes, called by the Greeks He-

Kinds, viz. those who san on foor, call'd by the Greek: He-stredenist, q. d. Couriers of a Day. Pluny, Cern. Nejes, and Cefer, mention some of these, who would run 20, 20, 36, 20, in the Circus, even 40 Leagues per Day. And Redeny, Carriers, who changed Horse, as the modern Couriers do. Exception attributes the first Couriers to Cyrus. Heredo-

Zong-hu artibuces the firlt Conviers to Cyrut. Hereder, fifty, they were very ordinary among the Perfilmen, and hat there was nothing in the World more furfit than thele did of Medfingers. "That Prince, fays: Xonophone, examind how fire a Horfe would go in a Day, built Equeries, go Stables, at fetch Distances from each other, where he laded Horfes, and Perfons to take care of "em; and st each Fluck pers." a Perfon always ready to sike the Packet, mount a fresh Horse, and forward it to the next Stage :

and this quite thro ins Empire.

But it does not appear, that either the Greeks or Remans had any regular tax'd Couriers, till the Time of Angantas: Under that Prince they travell'd in Cars; the is appears form Stevates, they afterwards went on Horschack. Under the Weltern Empire, they were call'd Vistores; and under that of Confination of Couries: whence the mo-

Jan Name &m Name.

OURSE, in Navigation, the Point of the Compais, or

Couff of the Horizon, on which a Ship fleets. See Point.

and COMPASS When a Veffel begins its Courfe, the Wind wherewith it

When a Veifel' begins its Carrie, the Wind wherewith it is given makes a certain Angle with the Meridian of the fixe; and, as 'tis here supposed, the Veffel follows exactly the Direction of the Wind, it makes the same Angle with the Meridian which the Wind makes. See Wind. the Mindsan which the Wind makes. See Wind.

The Wind is farther fuppoled always the fame; and becufe each Point or Inflane of a Courfe may be regarded as
the full; every Moment of the Courfe it makes the fame
angle with the Wind.

Now a Wind that is North-Eafl, v. c. here, fand by con quence makes an Angle of 45 Degrees with our Meridian)

ge of 45 Degrees with all the Meridians it meets. The Courfe of a Veffel therefore, driven by the fame Wind, makes the fame Angle with all the Meridians on the

Surface of the Globe

Sattice of the Globe.

If the Veiffel run North and South, it makes an Angle initiating finall with the Merdillan, i.e., in parallel to it, or more pose from it. if it run Bait and well, it cans all deserted proposed from the proposed for the proposed force; in the found, these agrees Clotic, which is the Equator, or a Parallel. But if the Courle be between the Equator, or a Parallel. But if the Courle be between the Equator, or a Parallel. But if the Merdillan st uncertainty in the Courle between the Equator, or a Parallel. But if the Merdillan st uncertainty in the Parallel. But if the Merdillan st uncertainty is the Parallel. But if the Merdillan st uncertainty is one of the Parallel. But if the Merdillan st uncertainty was a Spiral services in Gasta Innuers, would care all the Medillans uncertainty to care all the Medillans and the Merdillans and the M

The efficial Condition whereof, is to cut all the Meridians when the time Angle; scill de Lancaderware, Carva, or Lanchrow, popularly Rhumb. See Rursun.

The Ship's Carry, therefore, except in the two first Cafes, it simps a Loxodromic Curve; and the Hypothensis of a Rectingle Principle; is the two other Sides whereof, are the Ship's Way in Latitude and Longitude.

The Latitude is thally he do y Observation. See Latitude.

True. The khumb, or Angle of the Course, is had by the Comput, together with the one or other of the two Sides; and what remains to be calculated in Sailing, is the Quantity of the Longitude, and of the Rhumb, or Course. See Sailting, it calls Chart.

IMA; ICE AND GHART.
COURSE of a River. See RIVER.
COURSE, in Archivecture, a continued Range of Stones,
krel, or of the fame height, throughout the whole length of
krel, or of the fame height, throughout the whole length of

Fré, or of the fame height, throughout the whole length of the Balldings without heigh interruped by any Apertuse. The Balldings without height interruped by any Apertuse. The Apertuse was a second of the Apertuse of a Flinch of Sunsation of the Stemes. See Frishwa. Course, is also and for a Collection, or Body of Laws, Course, is also and for a Collection, or Body of Laws, the River of the R CIVIL Low.

The Camunical Course, is the Collection of the Canen Law, made by Gratien. See Casson. Cowars, again, is used for the Time ordinarily front in learning the Frinciples of a Science, or the usual Fours and Oneflione therein

Queffices therein.

Thus, a Student is faid to have finish'd bis Course in the
Humanities, in Philosophy, &c.

Humanities, in philosophy, &c.

Bistace, Course is also used for the Elements of an Art exhibited and explain d, either in Writing, or by actual Experibistered and explain d, either in Writing, or by actual Experi-

histical and explain d, either in Writing, or by achiel Experi-ment: Hence on Confer of Philosophy, Anatomy, Chymultry, Mathematicks, &c. probaby 16 card, as going throughout, or remaining the whole Length or Conf. of the Art, &c. COURT, as Appendage or a Houle, or Habitation con-fetting of a piece of Ground inclosed with Walls, but open upwards. See House.

That before the House is properly call'd the Avant-Court; that behind the drawer Count Ec. are managed, i.e. where Cattel see come the

Baffo-Court.
Naved derives the Word from the Latin Cobers; Menore

from Cartis. See Congar. Cover is also used for the Palace, or the Place where a King or Sovereign Prince refides; in which Scafe, the Julie Graties detives the Word from Cortes or Cortes of

siem, Tent ; whence Courteft, in the Sense of Civility. PALACE In the Laws of the Germans, there is one Article, do so

in the Laws of the Germans, there is one Article, at any air name Regis from a small principal and under, at a comparison to the contract of t

Name; as all the ordinary Cours: or thoic held by his Au-thority, where the Precepts are iffu'd in the Judge's Name,

thority, where the Procepts are iffed in the Judge's Name, Virtuae Abugiferates fair; as the Admiral's Cent. In Evaluad we have four principal Cours flubfilling; all chiblish d's antient Cultion of the Realin, rather than by any States ; the their Eliablishments have been from time to vitue fine consimil by Adts of Pallament. Their are, the Courts of King's-Bench, the Common-Bench or Pleas, the Exchapter, and the Court of Chancery. See each in its Place, King's-Bench, Common-Pleas, Excheques, and

COURT of Admirshy, is a Court for the Decision of Ma-titime Controversics. See Anmaraty Court. Court of Arches. See Arches Court.

Cours of Baron, are Cours that all Lords of Manors, who Precincts. See Barron

This Caurt is twofold; as, if a Man having a Manor in a Town, grants the Inheritance of the Copyholds thereto belonging to another; this Grantee may keep a Court for the Customary Tenants, and accept Surrenders to the Use of others, and make both Admittances and Grants.

The other Court is of Freeholders, which is properly call'd a Court-Boron, wherein the Free-holders are Judges: where-as of the other, the Lord or his Steward is Judge. See Perr,

as of the context, the Lord or his stewart is judge, occ a ring. Frairnelber, Stytemar (Sc. Court of Chivalry, or the Maryllat's Court; a Court whereof the Judges are the Lord High Conflible, and the Earl Marthal of England. See Convenient, and Marsait & Court of Court of

cution done. Sec CHIVALRY, MARYIAI, EG.
CORRY of Delegates, is a Court where Delegates or
Commifficacts are appointed by the King's Committion, upon an Appeal to him, to fit in the Court of Chancery, or
elfewhere. It is grasped in three Celes, first, when a Sentence

elfewher¹. It is granted in three Coles, firth, when a Seniore is given in an Eveledibilet Casis, by the Archibfon, or his Official's Secondly, when a Sentence is given in the Eveledibilet, and the Secondly, when a Sentence is given in the Admirityl Court, in Soint Civil or Marine, by Order of the Civil Law. See Darroavan. Course of Penelliner, in a Spiritual Court, held in fach Farifices as are exempt from the justification of the Bildowy.

See Parel Law.

and are possiblely belonging to the Archbridge of Lower-lawy. Soc Presentants. Sorth-reportants. Contract of Physpolacters. Soc Presentants of the Contract of Physpolacters. Soc Presentants of the fine Contract of Report, in was a Court of Equity, of the fine Nature with the Court of Chancers, but indicate to it; be-ing principally inflitment for the First joy of fach Petitions in in continuable Cites, don't by Supplication to bit Majelly. Of this Court the Lord Frey but with the E. Princy affile

ted by the Mafters of Requells. It had its Beginning about

s Mrs. VII. according to fir Julius Cafar's Track on this Scholed. Marks, and 4st Jüne in a Gener of Common Pleas, it was admidged, upon bleam Angean Carar that the Cabar the Carar than the Cabar the Carar than the Cabar the Cabar the Cabar the Cabar the Cabar than the Cabar

deafame and grievous, and was therefore taken away, with fonce others, by a Strutte made of and 17 Cert. Less 20. Convey of the Legate, was a Gener obtained by Cassall Willips of thop Legate, was a Gener obtained by Cassall Willips of thop Legate, was a Gener obtained by Cassall Willips and the Cassall Cassal See LEET.

Court-Days, are Days when the Courts of Judicature are open, and Plets held. See Day, Fastus, Negastus, &c.
Court-Lands, fuch as the Lord of the Manor keeps in
his own Hands, for the Use of his Family, and for Hospi-

tality. Soc MANOR

COURT-Roll, a Roll which contains an account of the Number, &c. of Lands, depending on the Lord of the Ma-nor; with the Names of the Tenants, &c. See Roll. Tenants bolding by Copy of this Roll, are denominated

Texans bolding by Copy of this Roll, are denominated only-bolden. See Correlatorials, of England, a Texans, whereby a Man marring an inheritation, a Texans, whereby a Man marring an inheritation, a Weeman faired of the Tail fipedal, and generals a Child by he change of the of the Tail fipedal, and generals a Child by the Child of the Child fipedal, and generals a Child by the Child of the Child fipedal, and the Child fipedal of the Child fipedal other Country, except Scotland, where it is call'd Carialitas

Scotte.

Scotte.

This Tenure was introduc'd by the Conqueror, and berrow'd by him from his own Country, Normandy, where it obtain'd before, under the Name of Venueti.

COURTIN, or COURTIN, in Fortification, the Front of the Wall, or Rampart, lying between two Baffions. See CURTIN.

COURTISAN, a Term of Infamy, given to Women who fell their Petions, and make a Trade of Prolitution. See Swews.

Lais, the famous Theban Courtifan, Stands on record for quiring no less than ten thousand Crowns for a fingle Night. requiring no lets than ten thouland Lrowns sor a ungle Nigat-Of all Places in the World, Venice is that where Courtifains abound the moft: "Tis now 250 Years fince the Senate, which had expedid" em, use so boligd to recall lim; to pro-vide for the Security of Women of Honour, and to keep the Nobles employ'd, left they should turn their Heads to make Incovations in the Sate.

COUSIN, a Term of Relation and Kinship, applied to those who are issued from two Brothers, or two Sisters. In the first Generation they are call'd Consis Germans,

i. e. next Confins. See GERMAN. In the fecond, Iffues of German

In the fecond, Iffues of Germans, or fecond Confins; to the third and fourth, Confins in the third and fourth Degrees. In the Primitive Times, it was allow'd Confin-Germans to marry, to prevent their making Alliances in Heather Fa-milies; but Theodoffus the Great prohibited it under Pain of Death; on presence that they were, in some fort, Beo-thers and Sisters, with regard to each other.

The Word is ordinarily derived from Confinguiness; tho Menege brings it from Congenius, or Congeneus, q. d. ex ec-

dem genere.

Paternal Confins, are these issu'd from Relations on the

Father's ide; Maternal, those on the Mother's.

Covsin is also a Title of Honour, which Kings beflow on Peets or Nobles, foreign Princes of the Blood, Cardinals,

and the principal Persons of their State a particularly Dukes.

COUSSINET, Coshion, in Architecture, the Stone that crowns a Piedroit, or Peer; or that lies immediately over the Capital of the Impost, and under the Sweep. See Iss-FOST, PLEDROIT, &

Its Bod, below, is level, and above, curved; teceiving the first Rife or Spring of the Arch, or Vault, See Arch, Se.

Coussings is also used for the Omament in the Built Capital between the Abacus, and Echimus, or Quarter Round; and which ferves to form the Volutes. See Carras.

It is thus denominated from its repreferring a Pillow or

It is thus decommanded from its repredenting a Fillow or Cufflion, prefed by the Weight over it, and bound with the Strap or Girdle, call'd by Firrwaists, Baltheus.

COUSU, in Henaldry, is useful in the Imm Senfe as Resign, who for a Fisce of another Colour or Mestl, placed on the Ordinary, as if it were flowed on; which the Word in the Frenth Language naturally implies.

This is generally of Colour on Colour, or Metal on Metal, contrary to the general Rule of Heraldry: Whence the Word denotes, that the Freet is not properly on the Field, but in the Nature of a thing few'd on.

COUTHUTLAUGH, from the Saxon Couth, Sciens, Knowing; and Utlangh, exics, Outlaw; is he that wittingly receives a Man outlaw'd, and chertifies or conceals him. Sec OUTLAW

See Outlaw:
In which Cafe he was, in antient Time, fubject to the
fame Panthment with the Outlaw himfell. Breiting, 1, 3.
COUVERT, in Heraldry, denotes foresthing like a Piece
of Hanging, or a Pavilion falling over the Top of a Chief, or
other Ordinary 5 os snot to hide, but only be a Coverno
other Ordinary 5 os snot to hide, but only be a Coverno
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other Ordinary 6 os snot to hide of the Ordinary 6 os snot to hide out of the Ordinary 6 os snot to hide out of the Ordinary 6 os snot to hide out of the Ordinary 6 os snot the Ordinary 6

COWARD, in Heraldry, a Lion borne in an Efcutcheon, ith his Tail doubled or turn'd in between his Legs, is called a Liou Coward.

a Lean Conserd.

COWL, or COUL, Cacalla, a fort of Hood, were by certain Menks. See Covz.

COWRING, in Falcomy, the quivering of young Hawks, which shake their Wings, in Sign of Obedience to the old

COX.E., or COCCIGIS Os, in Anstomy, a Bone join'd to the lower Bone of the Os Sacrass ; confifting of three or four little Bones and two Cartilages. See Sacrams. In form it refembles a little Tail, the lowest Bone grow-ing gradually less and less than the upper, till it end in a cartilaginous Point, which is rurn'd upwards for the Conve-

nience of fitting. Thefe two Bones are but loofty fix'd; especially in Wo-men; in whom, at the Time of Parturition, they easily give

The Use of this Bone is to fustain the Intestinuum Rec-tance: It has Mackles in common with the Anat, to draw it apwards, or inwards. See Cocceos Musculi. Coxx, or Coxendicis Offe, call'd also Offe Innominate,

and in English the Hij-Bones, are two large Bones, fituate

and in English the His-Dounts, are two large Louis, it used on either field the Os Scenam.

In Infants, each of these conflists of three diffined Bones, feeparated by Cardilages; which, in Adults, grow up, and confinute one firm, fold Bone; whose Parts, however, retain three diffined Nomes, according to their former Divisions, etc., the Os Illean, Os Illeans, by fome peculiarly from, eve. the Os Ilium, Os Ifchium, by fome poculisrly call'd O; Coxendicis, and Os Pubes; which fee in their proper Places ILIUM, ISCHIUM, and PUBIS.

CONE. Mulcinius, according to Dr. Drake, a Pair of Mufcles arising fleshy from the Os Islamum, between the Must-

cles arting Helhy from the Os Hostman, between the Mil-cuil Marphaelis, and Prysfermis, and declending obliquely, terminate on each filed the Os Caccopis, and adjoining Part of the Os Borrum, ferring to draw the Os Caccopis upwards and inwards; as Antagonish to two Ligamenes, springing from the back Part of the Os Sacroms, and terminating in the external Surface of the Os Gaccopis.

The exercisal surrace of the Us Locogyst.

CR ABS EYES, Ocali Cancervama, or Lapides Cancervama, in Natural History and Medicine, are little, white, round Sonce, ordinarily flats for call'd, because taken out of the Craw-fift, or River Lobster; and tho bearing no great refemblance for the case fifth, or River Lobster; and tho bearing no great refemblance for the case effect of the Craw-fifth, or River Lobster. blance to Eyes, yet refembling them more than any other Part. They are much used in Medicine, as a powerful Alcali,

Part. They are much used in necetime, as a powerin Assau, or Abforbert. See Asson.nawr, Arcali, 65: The most able Naturalith imagine 'em forn'd in the Brain of the Animal. Parketiment fifth found 'em in the Region of the Stomach: M. Groffrey the younger has ob-first d the masser of their formation much more accurately.

ferr'd the manner of their Formation much more accurately.

According to him, we may lay down one Clafs of Attimats, which have their Bones withoutfide; whereas the roll have one withinfide: Of the first Kind are the Fifthes we are fineshing of. Sec Shill.

Those of the Rivers divert themselves every Year in June 17.00 for the Rivers divert themselves every Year in June 17.00 for the Rivers divert themselves every Year in June 17.00 for the Rivers divert themselves every Year in June 17.00 for the Rivers divert themselves every Year in June 17.00 for the Rivers divertible themselves every Year in June 17.00 for the Rivers divertible themselves every Year in June 17.00 for the Year In Jun of the Bones wherewith they are cover'd and arm'd; a Membrane wherewith the Infide of those Scales is lin'd,

Membrane wherewith the Infide of thoic Scales is in d, takes their Pince, and hadden, by degrees, into a new Scale. Indeed, 'tis much lefs wonder an Anisail finould call its Skin, or Owering; than that it finould dichtage it felf of its Stemach, as the Craw-fift does; and even, as M. Gerj-frog thinks, of its Intellines too: The exterior Membranes

of these Vijers taking their place.

There is room to believe, that as they puttify and diffolve, they ferre for Food to the Animala during the Time of the Reformation, the old Stomach is the first Food the new one

cingens.

The only in this time that the Stones are found, called Crafts-Eye's: They begin to be form'd when the antient Stoneach is deflowy'd; and are afterwards warp'd up in the new one, where they decrease by degrees till they disappear.

new one, where they detreate by degrees and we dis-perienced. See Therm, figuilying all manner of Lines, Next, Hooks, which ferre for fifting. Hence, as those that who the Fifting Trade, who fimall Vetfels, fach as Kerchen, Hoys, Smack, Se. they call such little Veffels finall Craft

CRAMP, a kind of Numbnels, or Convultion, occasion'd by a thick vificid Vapour, entering the Membranes of the Mufeles which contracts or exempts the Neck, Arms, Legs, &c. with a violent, but transitory Pain; being usually driven off with

Friction alone, . See Convuesion.

The Word comes from the German Krampff.

CRAMP-IRON, a Piece of Iron, bent at each Extreme,
Gaving to bind together Pieces of Wood, Stones, or other

These.
Thus, we fay, Thefe Stones are bound together by Cramp-pass faftend in Lead, &c. Some derive the Word, by Caruption, from Agrapous, or the Italian Rampour, which facilities the fame thing.

CRAMPONNEE, in Heraldry. A Crest Cramponer, is that which at each End has a Cramp, or fquare Piece coming from it; as in the Figure adjoining. See Caoss.

CRAMPOONS, CRAMPONS, pieces of Iron, hooked at the Ends; for the drawing or pulling up of Timber,

ones, &c. CRANAGE, a Liberty to ufe a Crane, for drawing up Water out of a Ship, or Hoy, &c. at a Wharf; and to make The Word also fignifies the Money taken, or paid for that

Grat.

CRANE, a Machine used in Building, for the raising large Stones and other Weights.

M. Perrault, in his Nees ou Vitruvius, makes the Orsue the fame with the Carust, Oreco of the Antients. See Convus. The modern Crane conflict of Several Members, or Pieces.

The motion Cours castility of Swaral Members, or Prece, the principal wherein is a finenge preparallesize Beam, or Abels, finity Feed in the Ground, and failured by cight a beam of the course of the

CRANE is also a popular Name for a Syphon. See Syphon.
CRANE-Lines, in a Ship, are Lines going from the upper
End of the Sprit-fail-top-maft, to the Middle of the Fore-

first. CRANIUM, in Anatomy, an Affemblage of feveral Bone, which cover and endote the Brein and Cerebrilium; popularly call the Silut. See Brass, 8%-16 divided into two Tables, or Lammes, laid or applied over each other; between which is a thin foreigness believes, made of boay Fibers detached from each Lamines,

lince, made of bony Fibres detach'd from each Leasing, and fall of little Cells of different Bigneffer, call'd Diplot, at Medivillima. See Dipton.

The Tables are bard and folid, the Fibres being clofe to seasother; the Diplot is foli, in regard of the borry Fibres being at a greater Diffusor. A Contrivance whereast being being being being the dipton of the Dipton The external Lansina is functin, and cover'd with the Periessuium; the internal is likewife functin, abating the Furons made by the Pulfation of the Arceries of the Durs Mace, one the Cranium be arrived at its Confidence.

have, eee the cranum be arrive at its Commence.
It has feveral Holes, thro' which it gives paffage to the
Spiasl Marrow, Nerves, Arteries, and Veins, for the Conrevision and Re-conveyance of the Blood, &c. between the Heart and the Brain.

Heart and the Brain.
Its Figure is round, which is an advantage to its Capacity;
but a little depreted, and longish; advancing our behind,
and fatted on the two Sides, which form the Temples;
which contribute to the Enlargement of the Sight and Hearing.

Harring. With composed of eight Bones, fix whereof are proper are, the Bone of the For Bone of For Bon

tain'd the Organ of Hearing, with the four little Bones being thereto, wir, the Malleolus, Incus, Stapes, and Orbiculare. See HEARING.

The common Bones are the Os Sphenoides, and Ethmoid

See Sphenoppes, Ec.

The Granium has three common Sutures, which divide tom the Jaw it has others proper, whereof there are three mental states, and Lambdoider; the refl flurious, call'd Spannousle, or Temporales. See Survas, 18-Dig Duilous, called Spannousle, or Temporales. See Survas, 18-Dig Duilous of the Consider law Please by Source, in "Strong, call'd Synamoufe, or Temporates. See SUTURE, Carlina Division of the Granitum into Pieces by Satures, is of good ufe, as it makes it lefs flable to break, gives peffige to the Membranes which fields in the Perioratement, and at-lifeds Vent to the Matter of Infentible Perferance. See FRACTURE, &C.

The Word comes from the Greek zepsos, Gales, Helmet 3 in regard it ferves to defend the Brain, like a Head-piece.

Perzon, again, derives zefavor from the Celtic Gren, from

its roundeeds. CRANK, a Contrivance in Machines, in manner of an Elbow, only of a figurare form; projectling out from an Axis, or Spindle; and ferring by its Konation, to raife and fall the Pithens of Engines for raining Water, 62. Ec.
A Ship is feid to be from of angines for raining water, &c.

Chank, in the Sca Language. A Ship is faid to be rank, when the cannot bear her Sail, or can bear but a

Fifties of Engines to many wave, or Charles, the Sea Linguise. A Ship is feld to be Charles, the Sea Linguise. A Ship is feld to be Charles, the Sea Linguise. A Ship is feld to be feall Part, for fact of everletting. She is alle feld to be feall Part, for fact of everletting. She is alle feld to be feall Part, for fact of everletting. She is alle feld to be feall part of the sea of the control of the season of the Charles, a light transparen Suff, in ensure of Gause; made of rar 86th, gammel and evilled on the Mill years of the She feel to the season of th

from Boulogne: But the chief Manufacture hereof is at

Lyon:
Hilitery tells us, that S. Banbilda, Queen of France, made a fine Crapte, Creftem, of Gold and Silver, to lay over the Body of S. Elpo. The Bullandiffs one they can't find what this Crysta was. Biner thys it was a Frame to over the Body of the Sitest withal; But others, with reafon, toke it to be a tradparent Stuff, thou which the Body of which and that this was the Creps whence our Crape is CR APITE.A

a Surfeit by over-eating and drinking. See EXPERT. and PLINITURE

CR ASIS. in the Animal Occoromy, a dge Temperament or CR ASIS, in the Animal Decomony, a due Temperament or conflictation of the Blood, wherein the feveral Principles, via. Sait and Oil, whereof it is composed, are found in their just Proportion and Party; in contradistinction to a Dyfereff, which conflict in an improper Union of the Principles, or in an annatural Seare of form thereof. The chief Distrafors the Blood is insceptible of whence flow most of the Diseases of the Body, are Congulation, Difficulties, an Excels of Oil. or of Salt. See Broop; fee also Congulation, &f.c. The Word is Greek, seein, fignifying Mixture, Tempe-

CRASIS, in Grammar, a Figure, whereby we join two fliables into one; call'd also Syneriefts. See Synkamists. Thus, in Virgil's fourth Eclegia,

Orphei Calliopea lino formofus Apello.

here is a Crass in the Word Orphei, which here only con-

Effect of the Optimizer. We the Optimizer is a composed for the CRASSAMENTULA, I term seld by from Ansensilla, for the Coxe of the Bood 1, or that Farr which, upon flanding the CRASSAMENTULA, I term seld by the Optimizer is be liperated by the Optimizer of the Optimizer is be liperated by the Optimizer of the Optimizer is be liperated by the Optimizer of the Optimizer is be liperated by the Optimizer of the Optimizer is believed by the Optimizer of the Optimizer is of the Optimizer of the Optimizer is of the Optimizer of the Optimizer is of the Optimizer of the

Sters in the Confiellation CRATER

				-		-				
er,	Names and Signations of the Stars,	S Longitude.		L	u	Marth				
ore-	Transit and Committee of the Start.	F		,	11	١.	1	11		ž.
	That in the Balis	壞	19	26	3	22	42	47	4	
m-)c-	Preced. of 3 in the Middle of the Cup		22	23	50	17	35	20	1 4	
,,,	South, in the Middle of the Cup		25	5	50	20	47	43	4	
00-	Preced, in the North Part of the Circumference of the Mouth				59				4	
bo-	Middle of 3 in the Middle of the Cap		24	56	16	19	39	22	1 4	
Os.	5								l .	
	SubC in North Circumf, of the Mouth		23	9	20	14	35	16	6	
les.	In the North Handle		29	16	26	ĮΙ	18	33	4	
	In the Middle of the Mouth		25	8	52	1.5	13	32	5	
it	In the South Circumf, of the Mouth				50				4	
rec	In the South Handle	200	1	47	42	16	4	46	- 4	
-A	10									

£ 3 58 41 17 52 59 5 6

CRATER, in Falcony, any Linc on which Hawks are failed when reclaimed. See Reclaim. CRAYEN, or CRAYENT, in our anticat Cufforns, a Trial by Battle, upon a Writ of Right. See Compar.

The Law was, that the Victory flould be proclaim'd, the Vanquish'd acknowledge his Fault in the Audience of the People; or pronounce the Word Cravent in the Name of Recreantice, or Cowardice, &c. and, prefently, Judgment to be given ; and the Recreant, amittere Legem terrs, i.e. become infamous.

Coke observes, that if the Appellant join Battle, and cry Craven, he is to lose, liberam Legein. If the Appellee cry Craven, he is to be hang'd.

CRAYON, a general Name for all colourd Stones, Earths, or other Minerals, used in Defigning, or Painting in Pattel; whether they have been beaten and reduced to a Patte, or are us'd in their Confiftence of a Stone, after fawing or cutting them into long narrow Slips.

In this latt manner are red Grapus; made, of Blood-Rone, or red Ghalk; black ones, of Charcoal and black Lead.

Crayons of all other Colours are Compositions of Earths re-

duc'd into Pafte.

CREAM, the thickeft and fattest Part of Milk; being that whereof Butter is made. See Milk. The Word is derived from the Latin Gremer, which fignifics the fame thing; the in the lower Letin we find Cre-

ma lattis.

ms sectis.

Carana of Tartar, in Pharmacy, a Preparation of Tartar, otherwise called Crystal of Tartar:

It is made by boiling Tartar in Water till it be difficiend, and paffing the Difficiation throw a Strateing-Bag: Half the Liquer being evaperated, the Remainder is let in a cool Para, where is four in Codels. For Code, it four interests of the Code of the Code

Liquer being evaperated, the Remainder is let in a cool flace; where it finons into Cryllab, Part of it forminsing a-top, in form of Cream.
This latter is properly the Cream of Tarzar, the rest Cryl-tel of Tarzar, both of the same Nature and Use.
It is reported a great Searcer of the Blood; for which fome take it in Whey or Water grad in the Spring-time, to the Quentity of Half an Onnee every Meening, for three

or four Weeks. Its Operation is by Stool; and, by its faline Particles, pret-ty much also by Urine. It's generally mix'd with lensitive Klectusries, and other gentle Catharticks, in Nephritic and Antivenereal Cafes, where it often proves ferviceable.

CREDENTIALS, Letters of Credit and Recommenda-

tion; ofpocially fuch as are given to Embeffadors, Picnipo-tentiaries, &c. fent to foreign Courts. See Embassadors, &c. CREDIBILITY. See PROBABILITY, VERISIMILITUDE,

EVIDENCE, OFINION, &c.
In the Philopophical Transactions, we have a Mathematical Principle of the Control of th tical Computation of the Credibility of Human Testimony.

See TESTIMONY. CREDIT, in Commerce, a mutual Loan, of Merchan-dizes or Silver, on the Reputation of the Probity and Solva-bility of a Negotiant. See Loan.

billy of a Nogoriant. Soi. Loans.

Letters of Cantry, are those given to Person in whom a

Merchant, Ge. can trust, to take Money of his

merchant, Ge. can trust, to take Money of his

merchant, Ge. can trust, to take Money of his

Lavring.

Contist is also said for the Contist which Papers, per Sin.

Ge. of Commerce, have in the Pablick, and umong Design.

In his Sone, Credit is fall on 1916, when in negligible

the Actions of a Compuny, they are the Contist.

Microfield is copied to Credit, and is afted where Money.

Prices above Far, or the original of their art Creation.

Differed it is opposed to Credit, and is used where Money,
Bills, &c. fall below Par. See Pan.

Caspur was also antiently a Right which Lords had over

Cacuty was allo antensity a Right which Locks had over their Valley confiling in this, that during a certain time they might collige tem to lend term Messey. The first Stock, the Dataset & Britary had reside Asing, fifteen Draft De Britary had reside the state of the Silboyer of the Bilboye had the lime Graftier Rightstamong, the Silboye had the lime Graftier Rightstamong, CREDITOR, a Perfon to whom any Stom of Money is dee, either by Ologation, Premife, or subcrewife. See Davy, and Davron.

The Laws or the Twelve Tables, which were the Fourdation of the Remar jurifymdence, allowed the Credure or
test or our his Debtor to pieces, in case he provid infelvable.
Carntron., in Book-keeping. See Rose. Alleristo.
CREED, CREDO, Symbol. a flort, or fammary Account of the chief Articles of the Christian Faith 3 thus
called from the first Word thereof in Laim, Credo, I becalled from the first Word thereof in Laim, Credo, I be-

called from the first worth merous in Laun, Crass, 1 Sec. (1988). The first of the Harm where any thing is landed from the Sea. See Harmons.
So many Landing Places as there are in Harbone or Fort, fo many Creeks there are. Crosspt.
(REMMSTERS, in Amounty, an Epithet given two Mackes, otherwise called hybrighters) farting to keep the Critical for the Compt. Creeks where the Compt. Creeks the Compt. Critical for place from the Greek square, full readers, to The Word comes from the Greek appears, fullenders, to

fulpend, hang.

CRENATED Leaves, a Term used by Botzniffs, for fuch Leaves of Plants as are jagged, or mosth'd. See Leaves.

CRENELLE, or Imbastica, in Heraldry, is when any

honourable Ordinary is desired, in refemblance of the Battlements of a Wall. See Battlemany.

The Use hereof is, doubtlefs, taken from the Figures of fisch Walls being gives, cither for having been the first at mounting, or the chief in defending them.

monating, or the caper in determing them.

The French Word comes from Orea, a Notch or Interval;

the English, from its being a Place of Fighting, or Battle.

Upton in Latin calls this Imbatellatum, a Word forg'd from

the English; but most others term it Pinnatum, from Pin-

CREPITATION, that Noise which some Salts make over the Fire in Calcination; call'd aiso Detonation. See

DIFFERITION Lepi, in Natural History, a kind of Fig. 20th, proplarly call'd Paff bell. Mr. Dir-base observer, that upon examining the Pouder theoreof with a Microflope, he found the Steds to be in many executeding final Paff balls, with remad Heads, and keeg, finarp-pointed Stalks 3 as if made on purpose to prick into the Ground. The Scods are intermix'd with much dufty Matter, and

become hurtful to the Eyes; probably by their sharp Stalks pricking and wounding it.

pricking and wounding it.

CREPISCULIUM, in Aftronomy, Twilight; or the
Time from the first Dawn or Appearance of the Morting,
to the rising of the San; and, again, between the first
of the San, and the last Remains of Day. See Day, Ri-

SING, SETTING, &c.

The Crepageatum is afaulty compated to begin and end when the San is about 18 Degrees below the Horizon. The Crepafents are longer in the Solflices than in the

Equinoxes, longer in an oblique, than in a right Sphere.

Papies derives the Word from Creperus; which, he says rapies occaves the word from Creperus; which, he fays antiently fignify'd movertain, doubtful, q.d. a dubious Logie. The Creputicula are occasion'd by the Suns Rays refracted in our Atmosphere, and reflected from the Particles thereof,

to the Eye.

Demonst. For suppose an Observer in O, (Tab. Aftern my, Fig. 41.) the fentible Herizon AB, and the Sun under ap, Eig, 44.) the featible Horison AB, and the Sain under the Horison in HK, 3 and ter the AB, S E fill in the As-mosphere below the Horison. Since it puties out of a rare time a thicker Medium, in a Horison and the Association that the Association of the Association of the Association the Semidiameter C E. It will not, therefore, proceed in T, but twoching the Earth In D, Will Eil upon A, the Est-tem Part of the featible Horison; Nor can any other key-bedies AB, or all thosis calls Association with the Decides AB, or all thosis calls Association with the Decides AB, or all thosis calls Association restrict the But now, fince the Particles of the Atmosphere reflect the But now, fince the Particles of the Atmosphere reflect the Sun's Rays, (Ge Ray-Earchus) and fince the Angle DAG is equal to CAO; the Rays reflected in A will be carried to O the Place of the Speciator; who will therefore is the Particle A fibring in the fensible Horizon, and confe-quently the beginning of the Morning Corpoposition. And in the law enamer might be shown the Refullen

nd Reflection of the Sun's Rays in the Atmosphere, in the Evening Crepusculum.

Evening Cripiculum. Report of the Cripical Report of the Cripical Report in the Institute of the Cripical Report in the Institute of the Cripical Report of the Cripical Report in the William Cricials Figure, exhibits the Cripical Report in the William Report in the Report of the Re

fion; via. by observing the Moment wherein the Air field begins to finine in the Morning Crepusculum, and that wherein it ceafes in the Evening; and finding the Sun's Place for that Moment.

that noment.

Albanas found it 19 Degrees; Tycho 17°; Rothmanus
26°; Srevinus 18°; Coffini 15°; Riccolus, in the Equinexes in the Morning, 16°, in the Evening 20° 50°; in the
Sammer Solktice in the Morning, 21° 25°; in the Winter

Solffice in the Morning 17° 25'.

Nor need we wonder at this Difference among Aftrono

Nor need wonder at this Directive amount of the Caule of the Crepalculum being inconlant: For, if the Exhalations in the Atmosphere be either more copiess, or higher than ordinary; the Morning Crepulculum ordinary; pions, or higher than ordinary; it he Morring Gréphicuits will begin footen, and the Evening, hold longer than ordinary; if he the more copious the Exhalistions are, the most and the higher they are, the footen they will be illumined and the higher they are, the footen they will be illumined by the Sun. To this it may be added, that in a decing Lift, the Refriction is greater; and that not only the Brighter of the Atmosphere is variable, but also its Height from the

Hence, when the Difference between the Sun's Dedita-nation and the Depth of the Equator is left than 18°, and does not, in effect, exceed 15°, the Crepnfeulum will con-tinue the whole Night, that is not the second of the con-

The Elevation of the Pole PR, (Fig. 42.) and the Som of Declination being given, to find the Beginning of the Morn

CRI an Element with his Trunk ; and fornetimes the Wolf that fackled Remulus and Remers. The Christians, in their first Religious Wars, were wont to west a Cook during forth Rays, for their Groffs, as well as on their Shields and Ban-

GEOSE. CRESCENT, the New-Moon, which, as it begins to re-cede from the Sun, thews a little Rims of Light, termina-ting in Points, or Horns, which are till increasing, till it be-

ng in Points, or riores, which are till increaling, till it be-me full, and round in the Opposition. See Moon.
The Term is also used for the fame. Figure of the Moon The term is and died for the fame Figure or the Moon in its Wane, or Decrease; but improperly: in regard the nature or Home are then turn'd mands the West whereas

The Crefeent is the Tartill Symbol; or rather, 'tis that Antiquity; as appears from Medals, firuck in honour of Antiquity, Trajan, &c.

the Word comes from the Latin Crefters, to increase

The Word comes from the Latin Crysters, to increase. Crascarr is also a Military Order, instituted by Remains of Anjan, King of Society, Sec. in 1448 s fo called from the Badee, or Symbol thereof, a Crysters of Gold camelet? What gave occasion to this Elibbilithener, was, that Remains took for his Device a Crysters, with the Word Lee,

neus took for his Device a Coefcent, with the Word Low, Praife; which, in the Stile of Robus, makes Low in Cre-gent, q. d. by advancing in Virine, one morres Praife. Cassent, in Heraldry, is a Bearing in form of a Half-The Crefeent is Comerimes Mouseur i e im Poince look

The Corplant is isometimes Montant, i.e. its Frence 1002 swards the Top of the Chief, which is its must cordinary Representation: whence some conceed, that the Corplant, abbiliately so call'd, implies that Struation; the, some Auabisfurely to call d, impues that Satuation; the, tome nu-thers blazen it Montaut, when she Horns are towards the Dester-fide of the Eleutcheon, when others call it Incressfant.

Retter-fide of the Eleuscheon, when others all is Internifica-The Ottemans bear Simple, a Crefernt Montant, Argent, Crefernt are faid to be adoff d, when their Backs or thick-elf Parse, are turn'd towards each other; their Points look-ing to the Side of the Shield.

be Inverted Crescent, is that whose Points look towards The Inverted Crejecus, is that whole Foints look towards the bottom: Town's Crejecust are pixed inke their adojt's', the difference is, that all their Foints look to the Dexterded of the Shield: The Courser's, on the contrary, look to the Sinister-fide. The affronces or afternation of the contrary is accommany to the adojt's, the Points looking rowards each

The Creftent is frequently us'd as a Difference in a Cost-Armour, to diffinguish it for that of a second Brother, or se-See Difference.

CREST, in Armoury, the uppermost Part of the defen-fire Armour of the Head; rising over the reit, in manner of the Comb or Tuft of a Cock; to fuffiain the Effect of with Comb or 1 ute of a Cock , to raint to viry keen Scimitars, &c.
It has its Name from Crifts, Cock's Comb. Hence,

th has its Name from Cripto, Cock's Comb. richec, Cansy, in Heraldry, the uppermost Part of an Armoury; te that Part over the Cash, or Helmet. See Casa. Next to the Mantle, fays Guillins, the Creft or Cognizance

New to the Mannet, may comman, the corps of commentations to highest Place, being feared on the most eminent Part of the Helmet 5 yet fo, as to admit an Interpolition of Some Elerol, Wreath, Chapeau, Crown, Sc. See Cogni

The Greft of the Arms of England, is a Lion Paffant Gardant, crown'd with the like; that of France, a Flower-de-Lys Iquated.

In the antient Tournaments, the Cavaliers had Plumes of In the antient Tournaments, the Cavaners and Finnes on Feathers, especially those of Offriches and Herons, for their Crofts; these Tuits of Feathers they called *Plannars*; and were released in Tubes, on the Tors of high Gaus, or Bonwere placed in Tubes, on the Tops of high Caps, or Bon-cess. Some had their Crefts of Leather; others of Parch-ment, Pathboard, &c. painted or varnish'd, to keep out the Weather; others of Steel, Wood, &c. on which were forne-times reprefented a Member or Ordinary of the Coat; as,

times repreferred a Member or Ordinary of the Cost; as, so Engle, Florenede Lya, Sie, but never any of those called Honourable Ordinaries, as Pale, Felfe, Se.

The Orefs were changeable at pleasure; being reparted to other than as an arbitrary Device, or Ornament. See

Hirolius attribuces the Rife of Origin to the Gerisar, who fill here Festives on their Galas, and painted Figures on their Galas, and painted Figures on their Backlers; where the Persisan called on Code. The motion of the Heathen Gold wave Crefts, even the motion of the Heathen Gold wave Crefts, even the Code of the rodotus attributes the Rife of Crefts to the Carians

-Clebeorum infirmia Christin

Scripforet andches francis every addite Cuiti-

Georgies, arkaving numnis ever anata Crypti.

The antient Warries bore Cryft to fittle Crron in their Enemies, at the Sight of the Spoils of Animals they had killed a en og give 'em the more formidable Min, by making them appear taller, Ec.

**Planareo bodierres, that the Cryft of Pyrrhut was a Banch of Festhers, with a Steph Horns; and Duddress Contin, that of the Kings of Rigory, Loud Houde, Bally, or contin, that of the Kings of Rigory, Loude Head, Bally, or

The Crefts have given rife to feveral Fables: The Anticass, v. g. give Serapis the Head of a Sparrow Hawk; this being the Creft of that Cavaller. Gerpon they made

this being the Greft of that Cavaller, Gerput they made a Moniter with three Heads, because he bore a triple Ceple, and teigned, that Process changed his form every Moment, because, being King of Egypt, he frequently changed his Creft; functiones bearing that of a Lion, forectimes of a Dragon, 85c.

Drigor, &c.

The Greß is effected a greater Mark of Nobility, than
the Armoury, as being bore as Tourniments a to which noce
were admitted, till they had given Proof of their Nobility.
Sometimes it fevers in diffinguish the feveral Branches of a
Family. It has ferr'd, on occasion, as the diffinguishing Family. It has ! Radge of Factions Semetimes the Creft is taken from the Device; but more

usually is form'd of fome Piece of the Arms: Thus, th Emperor's Creft is an Eagle; that of Coffide a Castle, &c. Families that exchange Arms, as have done the Houses of Branfene and Chings, do not change their Oreft; the full

till regain the Herfe, and the latter the Mermand CREST, SMOOR COLVERS, an Imagery, or carved Work, to adom the Head, or Toy of any thing: like our modern

Cornish. See Connicus

CREST-FALLIN. of a Horfe, is when the upper Part of CREST-FALLEN. of a Horse, is when the upper Part of the Neck, on which the Mane grows, does not fland up-right, but hangs cither to one Side, or the other. CREUX, a Term in Sculpture, much as'd by the French;

CREUX, a Term in Sculpture, much and by the Frenthy, tho not yet, that we know of, naturalized among us: But the want of a Word of equal impure in English, as it has frequently give us under a necessity of using this in the Course of the person Work; so it piecads strongly for its Admission.

into our Language.

into our Language.

The Word originally fignifies a Hellow, Cenity, or Pit, out of which forectning has been ficcopd, or dag: The Centa luide particularly for that kind of Sculpture and Gazvings where the Lines and Figures are out, and Sermé within the Pitc., or Plan of the Fitte or Matter engraves: In which Goeff, it thanks in opposition to Releve, where the Lines and Figures are imbold, and relig prominent thore. the Face of the Matter. See Even aving, and Scotte-

CRIBRATION, in Pharmary, a Separation of the finer Parts of a Medicine, whether dry, or humid, from the grof-fer; the latter by means of a Pulping Sieve, the former by

for 3 the atthe to most a fine Series.

CRIBROSUM O_{th} or O₂ CRIBRIFORME, in Anatomy, a little Bon out the Top of the Nofe, pierced like a Sieve, to ket pais feveral little Fibres, strifing from the Mannillary Productions, and terminating in the Membrane that lines the Cavity of the Nedrilla call'd allo Os Pithmides. See

CRICOARTTENOIDES, in Anatomy, a Name given two Pair of Muscles, serving to open the Larynx. See La-

The Cricoarysenoides are either Posterior, or Lateral: The first are the first Pair of Openers of the Larynx; the

latter, the second Pair.

latter, the fector Fair.

The Latteral have their Origin in the Edge of the Latteral, and Superior of the Garalinge Crienides, and are inferred into the Latteral and Superior Pare of the Apparailets.

The Pofferror have their Origin in the politerior and lower Pare of the Crienides; and hence the Reason and Etymology of the Name is evident

CRICOIDES, in Anatomy, a Cartilage of the Larynx 3 fo called, q.d. annular, as being round, like a Ring, and incompating the whole Larynx. See Larynx.

compating the whole Larynx. See Larynx: 'tis The Cresides is the fecond Carrilage of the Larynx: 'tis narrow befare, thick behind; and ferves as a Befe to all the other Carrilages; and it, as it were, let into the Treates, "The by means of this that the other Carrilages are join'd to the Traches; on which account it is immoveable. The Word is formed from a pulsely, shed by Transfortion for

critical, and as of Form.
CRICOTHYRODEUS, in Anaromy, a Name given to the first Pair of Muscles proper to the Larynx. See La-RYNY.

CRI CRI (346)

Their Name is derived hence, that they have their Origin in the lateral and anterior Part of the Cricodes; and are inferred into the inferior Part of the Asa Thyroides. Their Ufe is to dilate the Scutiform Cartilage. See Sev-

CRIME, a Breach, or Transfression of a Law; or, an Action contrary to the Tener of a Law, either Natural or Divine, Civil, or Ecclesiastick; to which a Penalty is an-

nex'd. See Law.
The Romans diffinguish'd two Kinds of Crimes, viz.

Private Crimes, which only affected particular Persons; the Profecution whereof was not allowed by the Laws to any but Procention whereof was not allowed by the Laws to any but those interested therein; a Adultery, S.C. And Publick Crimes; the Parfult whereof was permitted to all Persons, the in no wife immediately interested. With us, Crimes are distinguished into Copital, as Trea-

font, Murdert, Robberies, &c. and Common, as Perjuries, &c.
They are again divided into Crimes cognizable by the King's Judges; as those abovemention'd; and fuch as are only cognizable in the Spiritual Courts, as Simple Fornice-

80 "The Term Crime includes in it the Idea of a Determina-tion, and a Defign form'd to do an Injury. It is deriv'd from the Latin Crimen, of the Greek zone, justice. CRIMSON, one of the feven red Colours of the Dyers.

See RED. The Stuffs to be dy'd in Crimon, after they have bee clear'd of their Soap, and firongly allum'd, are put in a Bath of Cochineal, each according to its Colour. See Purris. The Word comes from the Arabie Kermift, of Kermes, Hermes, red. The Bollandifts infinuate, that Crimfon or Hermes, red.

comes from Cremona, and is used for Cremonsis. See KER-MES, COCHINEAL, &

MES, COCHINEAL, GL.
CRINONES, in Medicine, a fort of Worms, fornetimes
found under the Skin, in Children; refembling fhort thick
Hairs, or Britles. See Worms, and Vermer.

They are also called Comedones, from the Latin Comedore, to ear; by reason they prey on the Substance of the Child, or confume its Nourithment. CRISIS, in Medicine, a Change, or Turn in acute Dif-cases; wherein the Morbifick Matter is so alter'd, as deter-mines the Patient either for Recovery or Death. See Cas-

The Cause of such Change is owing to the remaining

real Force's being irritated by the Matter of the Diferie for or fo condition'd; i.e. fit either to be evacuated, or translated, or to kill. See Dispass.

If the Matter be dispos'd for Evacuation or Translation

If the Matter be difuod if for Evacuation or Translation, but is not Sublations, it produces a Change call'd a Critical Perturbation, or Indeptité Crific.

If the Change become femilie, they are call'd Critical Symptoms, or Signs of a Crific, either future or prefess.

The Symptoms of the Crific are frequently confounded with thole artifug from the Caules of the Difical, the Difical Critical Crit

calc it tell, or the Matter of the Dileally whose the most imalspyp Configurence. See Sher resulted Symptoms and modelfick cours, are, that the first proceed from the vital Powers pervaling over the Force of the Dileals; but the latter from the Dileals's prevailing over the vital Faculty, that the first a proceeded by a manifelf Concolline, but the latter from the Dileals's proceeding in manifelf Concolline, but the latter are form'd oven in Condition: that the former happen about the critical Tames, the the justers at all Times of the Difease, chiefly during its Increase.

Diteale, chiefly during its Increase.

The principal Symptoms of an approaching Orifis, are, after Digetition, and about the critical Time, a fadden Straper, Dreatinesti, Waking, Delirium, Anxiety, Dyfonez, Grief, Rodnells, Tirillation, Pricking, Heavinett, Darkneel, Light, Igournacous Tears, Nuslea, Hest, Tairft, trembling the lower Lip, &c.

The Symptoms and Effects of a present Crists, are, after the preceding ones, a Verniting, Salivation, Loofeness, thick Sediment in the Urine, bleeding at the Nose, Hemorrheids, Sweat, Abscesses, Puttules, Tumors, Bubos, Parulis, Apthe, &c. CRISTA Galli, in Anatomy, an Eminence in the middle

CRISAN GRAIL, IN AMERICAN, AN EMPIRICAL IN THE MANAGEMENT OF the O'L Elementer, advancing within the Carriy of the Cranium; and to which is failed'd that Part of the Dura Mater which divides the Brain, called False. See Ba All. It has its Name from its Figure, which refembles that of a Cock's Comb.

In Adults, this Process appears of a piece with the Screen Narusus. See Nosz, and Noszerts.

Carsen is also a Term used by Anatomists for certain Exreferences arising about the Fundament, refembling Cocks

Combs. Thole, M. Dionis fays, are taken off cither by Ligarure, by Cautrifiation, or Amputation. When these Exercisences have other Figures, they have other Names.

CAUSTA is also used for a crook of twisted, fixed Eminence, in the control of the Computing. So Observed.

in the middle of the Spine of the Onsoplate. See Ossor LATE,

CRITERIUM, or CRITERION, 2 Judgment made of the Truth, or Falfhood of a Proposition, or the Nature and Qualities of any Effect. See Truth. The Doctrine of Criteria, and the Characters and Rules

thereof, make the first Part of the Epicurean Philosophy, Sec EFICUREAN

CRITHOMANCY, a kind of Divination, perform'd by confidering the Dough, or Matter of the Cakes offer'd in Sacrifice; and the Meal strew'd over the Victims to be kill'd.

Hence, in regard they occurary is a mancy-wealth mace Ceremonics, this Kind of Divinstation was call'd Cribbana-ey 3 from 1950, Barley, and parried, Divination. CRITICAL Days, Symptoms, &c. are certain Days, and Symptoms, ufunity artifusg in the Course of acute Difacts, as Fevers, Small Pox, &c. which indicate the Patient's State, and determine him either to recover or grow worle.

The Crifes have been frequently observed to happen on the 7th, 14th, or 20th Day; whence those have been de-nominated Gritical Days.

The Word comes from the Greek ware, judice, I judge.
For the Theory of Crifes, it may be observed, that the
Concoction of any morbifick Matter, and the Humour to be corn'd, is nothing elfe but a Change thereof into such a focem'd, is nothing elle but a Change thereor into nuen g due Magnitude, or Smallneft, as it may be carried by the circulating Blood along the Camba, and execured by Veffels defitted for that Purpole. But if the morbifick Matter can, not be reduced to fach a Magnitude or Smallnefs as may correspond to the Onfices of the Secretory Vesiels; then eicorrespond to the connects of the Secretary Veness; uses as ther an Ablects or a Hemorrhage will follow, if a Crifis bo begun; for which Reason, Abfeeffer, &c. are accounted less perfect Crifes. But, that the morbifick Matter may be re-duced to a due Magnitude, or Sensinefs, and its wish'd-for Discharge, there is requir'd a considerable Time, if the mantity of Matter is large; that is, if the Diffemper be goet and fovere a And since there are a great many Cautes, and those very conflant, which may occasion the Blood, and offending Humours therein, to be of a different Finditry in the Lehabitants of different Climates; it is impossible but that different Syaces of Time should be required for the finding Concoction; which makes it impossible to determine the critical Days in one Climate, from what they are found to be in another.

The Cases of real Critical Days, that is, such on which happens the last Concoction of the morbifick Matter, which is always attended with its Expussion, are all those Things happens the last Concection of the morbilick Matter, which is always attended with its Exposition, are all those Things which occasion the Humours to become of facin a certain Magnitude or Minatenest, and of a greater or leffer Cohefion; but with any given Power, Bodies unequally large, or unequally cohering, cannot be concocted in an equal Time:
Wherefore, it is to be found by the Observations made by Wherefore, it is to be tound by the Opervations thate by all Nations among themfelves, which are the ufusi Carles and Conditions of those Diffusies, which require a certain Number of Days to friell fuch a Concoction in CRITICISM, the Art of Jadging. See Crisis, and Cri-

TERION. Some define the Term more at large, thus; Criticifin is the Art of judging of the Facts of a Hiltory, or of a Work of Gerius, with the various incidents there met with, their Stile and their Authors: So that M. le Clere may feem to have given a defective Idea of Criticijm, when he defines it simply the

Art of entering into the Meaning of antient Authors, and of making a just Differenment of their genuine Works. We may diffinguish divers Sorts, or Branches of this Art: As, Philosophical Criticisis, or the Art of judging of Opinions

As Philippinal Drintin, or the Art of judging of Opinion and Hypothesis on Philiophys T-Philippinal Drinting, and Hypothesis of Philippinal Drinting, the Art of judging of Faith, 16th. Philippinal Drinting, the Art of judging of Faith, 16th. Philippinal Drinting, acquiring, and professing States.

But the ordinary also of the Word is relixant to Licerary in the Art of judging of Faith. a Beach of Carticips, which regards not only Hilbert, but also the Differential Opinion of the Words of an Articips, which are with the Art of a Market of Carticips, which regards not only Hilbert, but also the Differential Opinion of the Words of an Arthur, the read Author of a Work, the genuine Reading of a Text ; and the Art of discovering Supposititious Monuments, Charters, interpolated Passages, &c.

The other Parts of Literacy Criticilia, are, the Art of judging of Works of Genius, their Excellencies and Deficits.

We have also Grammatical Creticifin, or the Art of inter-preting and discovering the Words and Meanings of an Author; Criticifin of Astiquities, which confilts in diffinguishing genuine Medals, and the different Tafte and Spirit found ing gennier Medals, and the different Tatte and Spirit Found among tim, according to the different People, the different second to the different people, the different the

particularly what concerns the Books of the Holy Scriptares, and the Canon thereof.

Ariffath, if we believe Haitearnaffent, is the first inventor of the Art of Crincipus. Ariffarchus. Haitearnaffent. the Matter fall to the bottom. The shining Part is the Crosus, or Liver, which is to be separated from the Dross, and referred for use.

driffath, if we believe Helicarnaffeur, is the first Inven-tor of the Art of Crincifa. Arthrobus, Halicarnaffeur hindli, Farva and Longinus, dillinguishd themselves therein in their Days. Among the Christians, Disagnius desandrium, Helychius, Rephins, Thebautins, S. Jerus, and Theodoret, were the greatest Mathers in this Art. The

and Theaseres, were one greater stations in this Art. The Detect of Pope Gelafus about the Apocryphal Books, re-

But the Art fell with the other Arts; and lay unknown at the Time of Charlemaign, when it was re-effablish'd the Time of Charl

The Care which the Religious Ciferenties took to correct
The Care which the Religious Ciferenties took to correct
the Manuferipts of the Bible, flow that the Rules of Crithiffs were too tentirely unknown in the XIrb Centery.
The Works of Fohantes Serviburientis, Englandens, and
expects, make it evident, it was culviased in the XIIth.
The Manuferipts of the Bible corrected by the Demonitors
of Papers, and the Declars of the Sorbonne in the XIIth. of Parit, and the Doctors of the Scraenuse in the XIIIth, first it was fubfilling then. In the following Ages it was still cultivated with more Esmeitness; especially in the YVIth and XVIIth Centuries, when all the World made it

thir Study.

From the Whole, it follows, that Criticifing, does, indeed, fappio an uncommon Stock of Knowledge of the Subject whereas it is employ'd: but Criticifin, it felf, is nothing elie but good Senie perfectled by Logick.

CROCHES, among Hunters, the little Buds about the

OROCI DO, among runners, the name Boos about the rop of a Decris Homes.

CROCI, among Bottniffs, the Apices, or fmall Knobs on the Tons of Flowers. See Apices. CROCIA, a Bishop's or Abbor's Cooler or Passons Seed

CROCODILE, in Rhetorick, a captious and fophiffical Kind of Argumentation; dispos'd to feduce the Unwary, and draw 'em speciously into a Smare. See Southern It has its Name, Crecadile, from the following Occasion, le mas its Name, Cr

amount by the Peers.

A poer Woman begging a Ownedde the had cought bee to waithing by the Ever-cited, no frame and reflect their a swalling by the Ever-cited, no frame and reflect their a grant affect to a Qualitic he fined a proposite. The Qualitic he fined a proposite The Qualitic he fined a proposite The Qualitic heaving the proposite and are and demandated to have their netted, because the last antivorted resily. Those little, flay the Covadity, for it I need to be a proposition of the propositions called the Head and the Propositions called the propositions called the propositions called the proposition of the Covadity of the Propositions called the proposition of the Covadity of the Cov is that of the Cresan Poet; Omnes ad unum Cretenges fem-All the Cretout to a Man almost he

for mentiuntur: All the Cresaus, to a Man, a ways no. Either, then, the Poet lies, when he afforts that the Cresaus all lie; or the Cresaus don't all lie. allie; or the Greenss don't all lie.

CROCOMAGEMA, in Pharmacy, Troches compos'd of Saffon, Myrth, red Rofes, Search, and Guen-Arabic: Thus saffon the Greek askee, Saffon, and palyee, a Mark

calld from the Greek ablack, Suffren, and peoples, a laters, impected on any through the Staffens of Separation. CROCUS, a Term third red for Staffens of Separations, to Chyndiffer, is a Name given to Several difficulty. The Creek Interface of the Staffens of Creek Interface, is a Proparation of Iron 3 and is of two Kinds, vol. Creek Staffens of the 3 and Greek Martin 2 and Staffens in Separation of Iron 3 and Greek Martin 2 and Staffens in Separation of Iron 3 and Greek Martin 2 and Staffens in Separation of Iron 3 and Greek Martin 2 and Staffens in Separation of Iron 3 and Greek Martin 2 and Staffens in Separation of Iron 3 and Greek Martin 2 and Gr

Green Martis aperican, opening Seffron of Mors, is a reparation of Iron Plates, made by first washing them, the exposing 'em to the Dew, till they have contracted a Raft, which Ruft is ferayd off, and the Plates expos'd for See MARS.

Bads, which Katt is forey'd out, not too Trans expose to the Color service is by activiting from Fluigi, with an equal to Olders services is by activiting from Fluigi, with an equal which is observed to see his of Binnihous is not mixed with his however town both of Binnihous is not mixed with the color services and the color services. White below is which form call Meter cane doubleway profession. Offices have once Programming.

Offices have once for Fluiging in the one of the property of the Color form of the color of

This is kindled by dropping in a Coal of Fire, upon which a great Detonation enduces; and the Mortar is struck, to make

Its chief we is in making the Vinum Emeticum or Rene.

Its chick ale is in making the Viaum Emericum, or Benediffum, by infufing an Ounce or two of the Greens pouder'd,
in a Quart of Wine for 24 Hours.

CROFT, Grefig, a little Cloft, or Pittle enclosed, near a

CROFT, Crysta, a little Clote, or Fittle encoded, near a Dwelling-house, either for Fasture or Tillage.—Possure etiam difti Monachi de eistem marifers versus occidentem jacentibus spro se & bonstubus suis, includere Crostos. Swe ratus itaxa pentem specialiter quantum illis placuerit. ngulf

Inguit.

In some antient Deeds, Crustis occurs as the Latin Word
for a Crost; but cam Tofiss & Crostis is most frequent.

Crost is translated by Abba Florisceptis, in predium, a

CROISADE, or CRUZADE, or CRUZADO, a Holy

War, or an Expedition against Insidels and Hereticks; par-ticularly against the Turks, for the Recovery of Palelline. ticalarly against the Tarks, for the Recovery of Palastine. People anticately flock? den these Crassides out of Devotions the Pope's Balls, and the Presching of the Pricts of those Days, making it appear a Point of Conficience. Hence for each Orders of Knighthood took their rife. Soo Tras-

David makes a Kaighibed took their rife. Not extended to the control of the contr of Immour III, wherein the French, German, and Versiers coging of the fixth under the fixer People began unministry, in 1371, and ended in the Roar of the Christian state of the Christian Carrier, and the Infect of the Roar of the Christian State, and the Infe of all, in 1208. We first proceed of S. Leari, and the Infect of all, in 1208. The First proceedings that the Christian Manual and the Roard Christian Chri

It was the Council of Clermons who order'd that they frould bear the Crofs in their Banner; and that these who emer'd themselves into the Service, should also wear it on

their Unibes.

The Abbox Juffiniani makes an Order of Knighthood of
the Covice, who ferr'd in the Croscades.

Towards the middle of the XIth Century, there was
also a Ornicale of the Sazens against the Fagans of the
North a whorist the Archibfloor of Magdelway, the Bishops
of Halberfleds, Munifer, Meribangh, Brenadenburgh, &c.
with Gerent Layl-Locks embark! A. and towards the Beginwith inversi Lay-Locus embark'd. And towards the Begin-ning of the fame Century, under the Pontificate of Inscent, there was also a Crasfade undertaken against the Albingens's who were hecome powerful in Languedoc, &c. Soc Aust-

CROISES, in our antient Cuiloms, Pilgrims bound for the Holy Land, or who had already been there 5 to called from a Badge which they were on their Garments, repre-

from a Bidge white tacky were to user forming a Croft, forming a Croft, forming a Croft, for a five exceeded to the Knights of S. Theory Typesflare; cutted for the Defence and Protection of Typesflare; cutted to the Defence and Protection of the Croft of the Croft

Sec Caosane. CROISIERS, Corse-croix, or Crucigeri, were a Religi-ous Order, or a Compregation of Regular Genoma, so call'd. There are three Orders which have, or do fill bear this Name: one of Italy; another in the Low Countries; and a third in Bobewia.

The first pretend to be deriv'd from S. Cler; and add, The first pretend to be deriv'd from S. Clar 3 and add, at S. Epirasan the fore, who flowed S. Helmes the Place of the true Cook, and was afterwards converted, refound them. All we know for certain, is, that they fubfiled in Buly before Accounter III. mounted the Chair 3 for that Pountil, flying from Frederick Surveying and a Mylum in the Mountlease of the Conferry, which he afterward, 12% years always to the Chair 3 for the 12% years and 12% yea

1169, took under the 11st of the Discipline being They were confirm'd by Pius V. but the Discipline being much relax'd, they were suppress'd in 1656, by Alexan-

Mast. Paris fays, that the Craiffers, beering Staffs with Croffes at the End, came into England in 1244, and preferred themselves to a Synod held by the Bishop of Rochyster to be admitted.

Bodfwerth and Daydale mention two Monasteries of this Order in England, the one at London, the other at Rygate; the first founded in 1245, the latter in 1298: forme add a third at Oxford, where they were received in 1349. M. Al-lemand lays, there were fourteen Monafteries of Croofiers in England; adding, that they came from Italy; those of the

The Croffers of the Low Countries and France, were founded in 1111, by T'toulare de Cellrs Son of Befor, who having fer'd in a Crofade in Palestene, in 1188, and there und some of the Crassiers instituted by S. Clar, conceiv'd a Design of inlituting another Congregation in his own Coun-Defigu of initirating another Congregation in an oun Com-try, 'This is certain, that Theodore, in his return from Pa-leftine, cogged himself in the Ecclefaditic Streez, and went in quality of Miffitonary to the Crosplete against the Albertopic; and that at his return in 1211, the Biffice of Lings gave him the Church of S. Thebouth most Hay's, where, with four Companions, he hid the Foundation of where, with four Companions, he laid the Foundation of his Order; which was confirmed by Innecent III. and He-norins III. Theadere fent his Religious to Teodosfe, to join those of S. Dominic, and combat the Abigenses; and the Congregation multiply'd in France. The Popes have endeavour'd to being the Croiffers of Italy under those of Flanders.

The Craffers, or Porservin with a Star, in Bobenia, de-rive their Origin from S. Quiriagus, and fay they came from Peleftine into Europe, where they embrac'd the Rule of S. Angustine, and built Monasteries. They add, that S. Agues of Bohemia, to diffinguish 'em from other Cru obtain'd of Innecent IV. to add a Star to their Habit. the Story of S. Quiriacus has no Foundation; and it was Agues herfelf, Daughter of Primifies King of Bohema, who inflitured the Order at Prague, in 1234. They are

very numerous; and have, now, two Generals.

CROISSANTEE, in Heraldry, to Crux Craiffante is a Crofs crefcented; that is, having a Crefcent, or Half-Moon, fix'd on each end thereof. See Caoss.

nard on each end thereof. See Caoss.

CROSETTE, in Architecture, the Returns in the Corners of Chambranies, or Doer-Cafes, or Window-Frames, and all allo Ears, Ellions, Ausonas, Protypindes.

Crefette of a Luthern, the Platifier or covering near a

CROSIER, or CROZIER, a Shepherd's Crook; a Symbol of Pattoral Authority, confitting of a Gold or Silver Staff, crook'd a-top, carried occafionally before Bithops and Abbats, and held in the Hand when they give felema Benedictions. See Bisitor, and Assor.
At one End 'tis crook'd, at the other pointed; express'd

in the Verfe ;

Curva trabit mites, pars pungit acuta Rebelles.

The Custom of bearing a Pational Staff before Bishops is very antient, as appears from the Life of S. Cesares of Aries, who lived about the Year 500. Among the Greeks, none but the Patriarchs had a Right to the Cryster. See

FATRIANCH.

The Crafters were at first no more than simple wooden.

Staves, in form of a T, used to rest and bear upon 5 by degrees they were made longer 5 and at length arrived at the
form we now see them.

Regular Abbots are allow'd to officiate with a Mitre and

Crofter. See Assor, and Mitte.

De Campe observes, that it was antiently call'd Combuce,
as Cambute; and the Person who bore it, Cambucarius.

Papias derives the Word a finulitudine Crucis. Others fetch

it from the old Saxon Cannot, Creok.

CROSSER, in Aftronomy, four Stars, in form of a Cross; by help whereof, those who fail in the Southern Hemisphere

find the Antartick Pole. See Star, and Constructation. CROSS, Crix, a piece of Carpentry, compos'd of two Pieces of Wood, traverfing and cutting each other, ordinarily at right Angles. was used among the Antients, as a Punishment for

Malefactors and Slaves; and was pianted at feveral Places, in terrorem, as our Gallows, Sc. Sezomen observes, that it was Confloratine who by Law

first abolish'd the Punishment of the Cross; which had obtain'd among the Romans till his Time Pearon derives the Word Craw, from the Celtic Crang, and Creat; the, perhaps, Cross and Creat might with as much Julice be derived from Creat.

As to Crucifizion, or the manner wherein the Panifhment of the Croft was effected, the Criticks, both suriene and modern, are exceedingly divided: The Points in diffute, Whether the Criminal was faffen'd with three Nati lour ; whether the Feet were immediately fathen'd the Crop, or whether they refted on a little piece of Wood, in manner of a Step or Reit, myon; whether the Crop wa planted in the Earth before the Patient was mail'd on, failening him afterwards by means of a Scaffold rais'd the height of the Place where the Feet were to be nail'd; or

whether he was nail'd ere the Cross was rais'd or planted, as the Painters represent it; or lastiy, whether the Patient

all been occasion'd by the Cruesfission of Jefus Christ,
Invention of the Caoss, Inventio Cruess, is an anti-Peair, folemniz'd on the third of May, in Memory of S. He-lene's (the Mother of Conflavine) inding the true Croft of Jefus Christ deep in the Ground, on Mount Calvary, where the erected a Church for the Prefervation of part of it; the reft being brought to Rome, and reposited in the Church of

the Hely Greft of fertilelem. See France,
Theodorer mentions the finding of three Greffet, that of
Jelus Chrift, and thole of the two Thieves's and that they
diffinguilful between 'em by means of a fick Wottna, who
was immediately heal'd by touching the tree Greff.
The Place is faid to have been indicated to her by S. Qui.

risers, then a Jeen, afterwards converted and canonical. See on the Invention of the Croft, Theodoret, Ruffin, Sera-tes, Secom. S. Ambrofe, S. Cyril, Sec.

Exelistion of the Cross, an antient Feat, held on the 14th of September, in Memory of this, that Heracius toflor'd to Mount Calvary the true Croft, which had been carried off 14 Years before, by Cofroes King of Perfia; upon his taking Jerufalem from the Emperor Phases. CROSS-Beaver, Porte-creix, Cruciper, in the Remift Church, the Almoner of an Archbishop, or a Primate; who

and these who have a Right to the Pallium, throughout

and thrie who have a Right to the Palliams, throughout their refpective partifictions. Gregory XL forbad all Partiarchs and Proistes to have it bore in Prefence of Cardnals. A Prointe bear a fingle Croft, a Partiarch a double Croft, and the Pope a triple one

on their Arms. Order of the CROSS, or CROSSADE, an Order of Ladies Order of the Choos, or theirschin, an Order of Ladiegue, infiltizated in 1648, by the Empress Howard de Gouceau, Wife of the Emperor Leopold; on occasion of the mittaclous Recovery of a little golden Croft, wherein were included two Pieces of the true Croft; out of the Affics of part of the

It feems, the Fire had burnt the Case wherein it was inclor'd, and melted the Crystal; yet the Wood remam'd autouch'd.

Caoss, in Botany, is used to express the Arrangment of the Petals of certain Flowers; call'd Plante flore Graci-See PLANT, and FLOWER.

The Flowers are not to have either more or lefs than four traffs; and their Calix only to conflit of four Pieces. The iftil generally becomes a Fruit, call'd Silique. See Se

Caoss, in Heraldry, is defin'd by Guillim, an Ordinary compos'd of four-fold Lines; whereof two are perpendicular, and the other whereof two are perpendicular, and the outer two transverse; for fo we must conceive of them, the they be not drawn throughout, but meet by Couplea, in four right Angles, near the Fels-Feint of the Ekutcheon. See On-

The Content of a Cross is not the same always: For when it is not Cherg'd, Canton'd, nor Accompany'd, it has only the fifth Part of the Field; but if it be charg'd, it must contain the third Part thereof.

This Bearing was first bestow'd on such as had perform'd or at least undertaken, some Service for Christ, and the Chris or at scarr encircated, and is held, by fome, the most honourable charge in all Heraldry. What brought it into such frequent use, was the antient Expeditions into the Holy Land; and the Holy War Pilgrims, after their Pilgrimage, taking ring the Croft. See Choisane.

In those Wars, says Mackenzy, the Scots carry'd St. As-drew's Croft; the French a Croft Argent; the English a Croft Ot; the Germans Sable, the Italians Azure, the Sys-

St. George's Croft, or the Red Croft, in a Field Argent, is ow the Standard in England; that Saint being the reputed

Guillins enumerates 39 different forts of Croffes us'd in Healdry, the feveral Names whereof here follow; the Do

fermions are to be look? If are unler proper Articles.

A Griff sudded, a Corff conveycolder, a Corff perfect
and the Corff confect of the Corff conveycolder, a Corff perfect
and there Perri and fielded on the fourth, a Corff conjection
and the Perri and fielded on the fourth, a Corff conjection
and the Corff perric, a Corff percess colled,
a Corff perric, a Corff perric, a Corff conjection, a Corff
are the Corff perric, a Corff perric, a Corff period, a Corff
are the Corff period, a Corff designed finitive,
a Corff period, a Corff period firethed, a Corff period,
a Corff period, a Corff period, a Corff period, a Corff
are the Corff period firethed, a Corff period, a Corff
are the Corff period firethed, a Corff period, a Corff
are the Corff period for the Different a Corff period for the Corff
are the Corff period for the Corff period for the Corff
are the Corff
ar Orgi craftet jêt in Diegrett, a Graft fattrikricht, a Graft anchord, a Graft mittire, a Graft deuber, a Graft flagt, an faurry deiglet, a Graft dauble fieldet, a Graft of jiez Poutdt, a Graft midrium, a Graft regulet, a Graft poutdt vendet, a Graft pell, a Teu, or S. Anthony't Graft, a Graft worldet Graft pell, a Teu, or S. Anthony't Graft, a Graft worldet end tunged, a Croft couped pierced, a Croft motion pierced, a Croft motion guarter-pierced, a Sel-ure or S. Andrew Croft, which must be disheally fonce or steeler that Denomination; and fo all the other may be found more perticularly described under the Names of their feveral Difference.

of sales that executions which we may be described in the sales of the uses, and counterpointing in the Centro: The Craft or suand of S. James: Petence cramponnes on the dexter up-

consists S, James I. Force, the consequence of the acting or good of S, James I. Force, the consequence of the con-property of the consequence of the consequence of the property of the consequence of the consequence of a side Integrated by the Hernberg consequence of all themses of all the Herne and deleters to be capitally if, then they may a side Integrated by the Hernberg consequence of all themses and deleters of the side of the Herne and deleters of the consequence of all Lines, and the Fars of thems. In the control the property of the consequence of the consequence of the side of the consequence of the consequence of the con-trol of the consequence of the consequence of the con-trol of the consequence of the consequence of the con-trol of the consequence of the consequence of the con-trol of the consequence of the consequence of the con-trol of the consequence of the consequence of the con-trol of the consequence of the consequence of the con-trol of the consequence of the consequence of the con-trol of the consequence of the consequence of the con-trol of the control of the con-trol of the c had feen used in his own time.

and teen utded in his own time.

Closs, in Surveying, or, the Surveying, Cvift, is an Induced and in Surveying, conflicting of a best. Gircle, the surveying conflicting of a best. Gircle, which is the Care of the surveying conflicting of a best first fact in the Care of the surveying conflicting conflicting of the surveying conflicting conflic

The Surveying Croft is but little known or us'd am

tens, intend of four Sights there are eight.

The directified Copy is the little known or wild among at about it is of more account: The manner of application of the control of the contr

CHAIN, PLAIN-Table, &c.

Caoss Multiplication, the Method of multiplying Feet and Inches, by Feet and Inches, or the like 5 to cail'd, because the Numbers are multiply'd cross-wife. See the Method under Mary Mary Carlos and Carlos der MULTIPLICATION.

CROSS, in Diziling. See DIAL.

Caoss syare, a Mathematical Inflrument, otherwise call'd the Forestoff. See its Description and Ua under

CROSSELET, little Croft, a Diminative of Croft, used in Heraldry, where we frequently see the Shield cover'd with Crofflett; Festes, or other homorrable Pieces, charg'd or accompany'd with Crofflets. Croffes them-

or accompany'd with Croffetts. Croffet them-feires frequently terminate in Croffetts, as in the Figure adjoining. See Caoss. CRUSS GRAIN'D Strift, in Joiney. Wood is fail to be croff grass'd, when a Bough or Branch has flor out of its for the Grain of the Branch flooting forward, runs astwart that of the Trank. In Wood well grown this Defect is that of the Trunk. In Wood well grown this Defect is fearce perceivable, except in working; but in Deal-Beats thefe Boughs make Knots. If the Bough grew up with the young Trunk, instead of a Knot is found a suring in the Stuff; were featible under the Place.

aff ; very tenable under the Plane.

CROTALUM, a kind of Caftaguetta, or Musical Inflrucent found on Medala, in the Hands of the Priefts of Cy-See Converse

Belt. See Convenues. The Creation diffired from the Sifframe; the Authors frequently confused the two. It confilled of two little brais Plates, or Rods, which were shook in the Hand, and in striking against each other much a Noile. It was fometimes also made of a Reed split lengthwise;

one Part whereof they firstk against the other; and as this made a Neile somewhat like that of a Ceane's Bill, they

made a Noile fomewhat like that of a Cean's Bill, they call'd that Bill of Crestiffica, Physyr our Crestale. An Antient, in Paulonier, tays, that Hercules did not kill the Birds of the Lake Stympholal, but that he dove them away by playing on Creats. On this footing, the Crestals muff be executingly ancient. Clemens Alexand rimus attributes the Invention to the Si

Comment diseasable rate at the base to the October of the Confidence of the Confiden

ters of Time, mark'd thus 🕴 equal to half a Minim, and double a Quaver. See Nove, and CHARACTER.

double a Quaver. See Novy, and CHARACYER.

"The not only to conceive how this Character comes by
the Name Crescher: The Word is apprently beyow'd
from the French Crescher, of Cree, a Crook or Hook, used
by them for what we call the Laneure, or half Crescher; by
reason of the additional Stroke at bostom, which gives it an Appearance of a Crook. See Quaver.

A Dot added to the Creschet, thus increases its Time

by half shat is, makes in equal to a Corabet and an half, or to three Clasters. See Taxes and the care this or the company of the company of

CHARACTER.

CROW, in the Sca Language, a Machine with an Iron Hook, for the faffining hold, and grappling with the Enemies

Hook, for the fitting hold, and grapping with the Incomes veffed, in an Engagement, was suited pigent to force The Name Cree, Cerem to Britains of Risest on the Theory of the Comment of the Comment of the Section of the Comment of the Comment of the Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment Section of the Comment of the Comment of the Comment of the Comment Section of the Comment of the Commen

against the Carthaginian Fleet

against the Carthagusius Flect.
Thoy were all a kind of Grappling-Hooks; ferving to
drag Things towards the Ingineer. That edictible by 20, a
Curtists was thown one of a Bally the Chargeon, in their
Casows-Bill, an Influence wid by Chirageon, in their
Operations; of pecially for the drawing Ballets and other foreign Bodies out of Wounds.
It has in Name from its Figure.

staght Mo.
In bits, moll Authors agree, that the Crows, originally,
was subter a Religious than a Civil Ornamous; miles one
of the Postificates, than the Reguls; that it only because
as Prince; and that the modern Princes are entitled to is,
in their Reclarificated Copacity rather than their Temporal.
The first Crown were no more than a Bandelster, or
Headhond, error mouth the Head, and the behind a sew
till face it in Fighter's Heads on Media, as also in the Praforming, and the Kings or dryne.

Afterwards they confilled of two Bandelette's; by de-grees they took Branches of different Trees; at length they added Flowers; informed that Tertallian de Corona, affaces us, (from Claudius Saurasians, who had wrote expertly on the Sabject?) there was not any Plant whereof Crownes had

not been made

The Woods and Groves were fearch'd, to find feveral Crown for the feveral Delries: Thus, on Medals, we find fraplite's Grown of Flowers, more iraquently of Laurel; Yana's of the Vine, that of Bacebus, Vine with Grapes, Vine Leaves, and Branches of Ivy, with Flowers and Ber-Vine Leaves, and Branches of Ivy, with Flowers and Ber-"Just's of the Vire; his of Baccine, Vice with Greece,
Vine Leven, and Branche of Ivy, will Fromers and BerDerin Leven, and Branche of Ivy, will Fromers and BerDelin Leven, and Branche of Ivy, will be be be be been seen to be a support of Part.

For the Part of Part. Rose or Albar; his of Leven, Dethat of the Open, Those or Albar; his of Leven, Dethat of the Open, Tolico-Branches, as will as that of Marcos:

The 10 Parts, Roles: of Cere, East of Core, as well

Covern were not only will for the Stress and Integer of

the Gold, for the Frieds is Bacrifoling, and for Kings and

Rampanya but the first Altan, Temple, Done of Hoole,
The Force crown'd their was were Victoria to the Solema

Carro, Warring, E.S. See Chroses, P.D., Done of Hoole,
The Force crown'd their was were Victoria to the Solema

Carro, Warring, E.S. See Chroses, Crif. Gene Authoric

Condition, that Hillings had anticuty their Covenu.

The Roses Empreyen had four Kinds of Covenu, this Com
The Roses Empreyen had four Kinds of Covenu.

The Rose Empreyen had four Kinds of Covenu.

The Roses Empreyen had four Kinds of Covenu.

The Roses Empreyen had four Kinds the Martine.

The first was that continuity will be ten the Time of Hy
The Source from the Demons had.

The Covenue of Lances, and Radderig, and alterwarth continued to his Sucception.

The The Roses Empreyen was fast of the Norm of

o took that of the Bonner-kind,

who took that of the Bonnet-kind. The Papel Crown, is compoid of a Tisra, and a triple Crown is compating the Tisra's having two Pendants, like the Bilhops Mitres: Thele three Crowns repected the Execution of the Papel Capacity of the Pope, viv. as High Priest, Supreme Judge, and fole Legislator of the Christians. See

Fore. The Imperial Crown is a Bonnet, or Tiars, with a Semi-circle of Gold, Supporting a Globe with a Cross a-top.

The English Crown is adom'd with four Croffes, in the manner of those of Melits a between which are Flower-de-Lyés. It is cover'd with four Diadems, which meet at a

Lyés. It is covered with nour Dianoms, where sever is a little Globe loopering a Crofe.

The French Grown is a Gircle of eight Flower-de-Lyés, incompatif with fix Diadoms; bearing a top a double Flower-de-Lys, which is the Creft of French.

The Spaniformum is adomated with large indicated Leaves, covered with Diadoms, bordering on a Globe, farmounted

with a Crofs. See Cononer.

with a LOUS. SEC CHRONET.
Among the Rossaus, there were various Kinds of Crosses,
diffributed as Rewards of Mijitary Atchievements: The
Opul Crosses was the first, made of Myrtle; and was beflow'd on Generals who had been victorious over Slaves, unthow'd on Generals who had been retentious over Slaves, weworthy of the Rumus Valour, and who were cnitted to the
Honears of the lefter Triumph, call'd Onstitus. Sec Ov. ATURN.
The fecond was the Nature of Referse Grown, confifting
of a Circle of Gold, usit'd with Prows and Poops of Shifting
of a Circle of Appain who fift grappled, or the Soldier who
first jump'd aboard, an Enemy's Ship. See Rooms a.t.

The third call'd Vallaris, or Castrensis, was also a Circus of Gold, rais'd with Piles or Pallifades a given him who farit leap'd into the Enemates Camp, or forced the Pallifades.

SCE CASTRENSIS. Sec CASTERNSS.

The fourni, call'd Murral Grouse, was a Circle of Gold, indeeded or embatted to given him who first mounted the Wall of a Place befored, and there lodged a Standard, This Grouse was also find given, on Medals, to the particular Genit and Gustelins of Provinces and Places. See Muran.

The fifth the Civic Crown; made of a Branch of green
Oak: given a Citizen who had fav'd the Life of another One i given a Curinen who had have the Life of another Citizen in a Battel or Afficial. See Civic.

The fixth was the Triumphel Crown, made of Branches of Laurel, given a General who had gain'd a Battle, or conquer'd a Province. This was afterwards given of Gold.

TRIUMPIL.

See "Internet.

The leventh the Corus Obfilientis, or Granines, made of Grain or Herbs, Send on the Ground; given to Greatly who had delived a Remusa lamy being by the Benny.

The cighth was allo a Corus of Lanct, given by the Greatly of the Corus of Lanct, of the Corus of Lanct, of the Corus of Lanct, given by the Great to their deliver a and by the Rannes, to their does had anguisticel, or content a Peace with an Enemy. This was the leaf their off, a Benny of the Corus of Lanct, given the Corus of Lanct, given the Corus of Lanct, given by the Lanct of Lanct, given by the Corus of Lanct, given by the Lanct of Lanct,

ther before or after their Death.

Cofonbon fays, this Crown was peculiar to Deities; yes,
'tis certain Novo took it in his Life-time. Athletic Crowns, were destin'd to crown Victors at the

Publick Games.

There are also Sacerdotal Crosons for the Priefls. In an Ecclefiattical Senic, Grown is also used for the Cle-rical Tocsure; which is the Mark, or Character of the Ra-mulb Ecclefiatticks. See Tonsunz.

This is a little Circle of Hair, shav'd off from the Crossu of the Head; more or less broad, according to the Quality of the Orders received. See On par.

That of a more Clerk is the finallest; that of Priess

and Monks the largest.

and Meaks the largest.

The Cirrosal Crosse, was antiently a round Lift of Hair,
flavid off around the Head, reprefering a real Crosse;
This is cally other of in feveral antiern States,
Ge. The
Religious of S. Domme and S. Francis fill at
it.
Father Demant Gray, that S. Losse standard the Crosses
Thorns of our Saviour, which had been pawn'd by Beldman

Thorns of our Saviour, which had been pawn'd by Beldman

Thorns of the Confessionable for an immental Sum of Moores. Thorn of our Savious, which had been pawell by Patients Emperors of Carlinarrapis, for an instinct Sam of Monzy, and tenth forwards, for any instinct Sam of Monzy, and tenth forwards, it is also and the control of th

pointed in mance of Horns; which were minerally, both by Jones and Germa, climent an Marko of Power, Strength, Jones and German, in the Holy Scriptore, Horns are self for the Horns; in the Holy Scriptore, Horns are self for the Horns; in the Holy Scriptore, Horns are self for the Horns of Except Digneys; and scondingly, Horns and German, the Act of the Ch. Phyllol fast were expectly of Curvais: 2 manufer Jones and a good Namber of cainces Olderwise on the first and a good Namber of Course, the Maries and modern. Treatise of Rept Corns, their states and modern curvais Different of Corns, the Law of the Course of Corns, the Scriptor and modern curvais Different Corns, the Law of the Course of Course, and Corns.

Foreign or Domethick, of, or next, the Value of first Shillings Scriptor, and Corns.

The Course of Corns, the Corns, Corns, the Corns, Corns, and Corns, Corns, and Corns, Corns, and Corns, Corns, and Cor

CROWN, in Aftronomy, one of the Northern Conficilstions. Sec Conona.

CROWN, Or CORONET, in Heraldry, is us'd for the Re-referntation of that Ornament, in the Mantling of an Ar-noary; to express the Dignity of the Person who bears it. money; so experies the Digitary of the Person who bears to.

The Croom here is of more Antiquity even than the
Helmers; and was used as a Symbol of Victory and Triamph.
Radiants, or Peinsted Creust, are those of the antient
Emperors, which had as Points; properferring, as show will
have is, the twelve Months of the Mean. sparid, or Flouri'd Cowant, those with Pearls, or Leaves of Smallings, Farthey, Sc., fach as were assiciately almost all-forests, even thole of Sownesing Princes. The help were set all in their Armounts, all above 200 Tests aga. The state of the state

Centro-Centre.

The Area of this is had, by multiplying its Breadth by
the middle Perimeter; for a Series of Terms in Arithme-

the micare actionates; ser a series or terms in Arithmoand and last multiply'd by half the Number of Terms. the middle Element must be a + a wherefore that multipivil by the Breadth or Sum of all, the two Terms will

gie the Crown.

Carwn-Office, a Court or Office fo called, because the Crows is more immediately concern'd in what is therein unfaited. See Caows.

traffiched. See Crown.

The some of the Officers under the Lord Chief Juffice
are employ'd in furnmening a Parliament; yet, many of
them have Bufiness in other Matters, during the fitting of them nave Bullion in other statters, during the litting of is ally on Trials of Peers; wherein the Clerk of the Gre

tief Manager the bath likewife, out of Parliament, all Indictments in

He hath likewic, out of Tarliament, all Indictments in the Crown, Informations, Recognizances; and a multitude of other Business runs thro' his Hands, as the writing of all Beadings, Declarations, and other Proceedings upon Re-Mescangs, Decementary, and other Proceedings upon re-Crown Grass, the finest fort of Window Glass See

Caown-Post, in Architecture, a Post which in some Balldings stands upright in the middle, between two prin-sing Rafters. See Post.

cjul Rafters. Sco Péars.

Course-Winzle. of a Warch, is the upper Part next the
Blance, that drives it by its Motion. See Warren.

Course-worst, or Converselve, in Fertification, Outworks

parting in the Compagne, to keep off the Enemy, to gain

in the Compagne, to keep off the Enemy, to gain

while a davianageous Folia, and to cover the other

Works of the Place. See Obrawan.

R conflit of eve Demis-Baltions at the Extremes, and an

R conflit of eve Obenis Baltions at the Extremes,

it confilts of two Demi-Danions at the Education, entire Bastion in the middle, with Courtines.

CROWNED Horr-work, is a Horn-work with a Crown-

GROWNED Here work, is a Hene work with a Coward before it. See Henes went, a way to general, of any CROWNING, is underlined, in the general, of any CROWNING, is underlined, in the general, of any term of the control, and the control, and the control of the cont

Mass a Nilet over; and a Niche is crossenil, when it is co-ured with a Capital. See Mouranse, Nicrue, 26. Leap, GROUPADE, or Grouted, in the Manage, a Leap, higher than the Carver, wherein the fire and hind Part of a Block keep as equal height; his Legs being truffel under the Belly, without fitterling own out, or flevium his Shoca. GROUPER, or GRUUPPER, the hind Part of a Horfey compechedde between the Place of the Saddle, and the

The Word is form'd from the German Grmb, thick, fate 20 Gang derives it from the Imilian Große, Battock. ORUCHAL houghten; in Chinungery, an incline, or Cat into Some Edy Parts, in form of a Croß.

GRUGIAL a little Veffic, ordinarily of Earth, fome-times Iman, without any Handle is un'd by Chymith, Oximes Iman, without any Handle is un'd by Chymith, Oxime, Collimiths, Giffers, and other Artificens; as melt and

cat, tooldmiths, Glatters, and other Artificers; to moit and cultion Gold, Silver, or other Meals whereon they work. See Fution, CLACINATION, Efc. Earther Creatibles are made of glaz d Earth, with Some Pathers pounded and fitted: They are of various Sizes, but generally of the Same Form, which refembles that of an inverted Cone, or Pyramid.

an inverted Cone, or Pyramid.

Tis the's are chiefly as'd in Coinage, as being the only
one in which Gold will melt without tritating. Iron Crucibles are in form of little Pails without Handles, made of
line well forg'd and bearen: In these they melt Silver, Copper, &c.

oper, Se. There are Earthen Crucibles that hold from 100 to 3 or There are Earthen Crucibles that hold from 100 to 3 or There are Earthen Crueibles that hold from 100 to 5 or 600 Marks; but those ordinarily and are but of 100. The Immones are larger; from holding 11 or 1300 Marks. These are not taken off the Fernaces when the Plates are to be 100, but the Meral is laden out with an Imm Ladle. The a Rule over to put as much Metal in the Crueible as it will hold. See Gosmags.

hold. See Coissage.

The Orneibre used by Goldsmiths and Founders are like
those used in the Coinney: Those of Chymiss, etc. are of oil all Sizes, according to the Quantity and Quality of the Metal
to be put in 'em.

The Word comes from the Hebrew Keret, tella, tillille The Word comes from the Mercus Keres, repts, justice The Come derives it from Crassitions; which, in the lower Later funifier a Best drinking Vaffel

Latin fignifies a little drinking Veffel.

CRUCIFIX, a Croft, whereon the Body of Jelus Chrift is faffer'd in Effigy a much us'd by the Romanifis in their Chareches, and other Places, to recognize the Paffion of Jelus Chiff, and to force them to direct their Property

There are some Chapters wherein Jesus Christ is the first

of the Coucifu

of the Conffig.

GRIUGISIMON, an auther Form of Execution 1 by
fathering the Criminal to an excitat Code. See Casus.

GRIUDI, Sourching that has they gived the Files, or has
not had the degree of Codens, r. r. of Hear, requisite to
prepart it for examing, or form eacher Playerd. See Coveryo.

Create or R.w. Silk, is that which has not been par in
boiling Water, on smooth of from of the Cody are bail of the
Water and Song, to fit if the dying. See Str.t.

Unstein St. See of Come decreasing with which come

Linguishing Area of Come decreasing with within come

in Chymitry, they call Cruse Autimony that which coulds unedistely from the Mines, without any Preparation. See

A In Medicine, Crasse Hassours are those which want of that In Medicine, Lynne Hannours are those which want or that reparation and Elaboration which they ordinarily receive

Digeffion. See Crypty. The Retainers to the Dockrine of Trituration, hold that the Cradity of the Humours only confifts in this; that they are not broke and comminuted to much as they should be

the process the commingers to much as they mean too, yethe ordinary Action of the Stomach. See Tritunation, CRUDITY, in Medicine, the State of a Difeate, wherethe morbifick Matter is of fach Bulk, Figure, Cohedon, no the morphistic Matter is or tach Bulk, Figure, Cohesion,
Mobility, or Inactivity, as denominates it crude, i.e. as
creates or increases the Disease. See Disease.

A Crudity is discovered, iff, from the Disease's continuing

A Crudity is differently, this, from the Dical's continuing, in the degree of Foreign, we investiges, all Prome a continual Principles, and the continuing the continuing the production of the Continuing the Pacificos, ath, But chiefly from a Fault in the Quantity or Quilty of the Humona; beth thos fill circuisly, and shed forecred, and evenued as of Sevens, Teers, Park, Riedel, Medic, Lockes, Nille, Alphine, Ger.
That States of the Differis, wherein the crude Mutter at Digitism, Concottine, or Matestatis. One Detections, Concottons, Eds.
Concottons, Eds.
Concottons, Eds.
Concottons, Eds.
Concottons, Eds.
Concottons, Continuing the Continuing the Continuing Contin

Icross Fart. See BLOON. Kill and Dr. Woodword K. The Some Authors, Dr. Kill and Dr. Woodword K. Aurs, or Alz gand on this Principle account for some of the Thenameta of the Asimal Decomony particularly Musicular Motion, 15c. Bet Dr. Farrin has overturn'd that Supposition, See Musicular Management of the Control of the C

CELAR 199900...

Yamir-lawest uses the Word Creer for the Blood in the Veins; in contraditional to the Blood in the Arcries, which he calls fargust. See Vnis, and Arrery.

CRURA Citerrats, in Anatomy. Between the Corpora

Nervosa of the Cliveris, runs a Septum, or membraneas Partition, from the Glans to its Divarication at the Os Pubis; dividing the Cliveris into two Parts, call'd the Crurs of the

These are three times as long as the ordinary Trunk of the Clieris it felt. See CLIVERIS.

CRURA of the Medulla Oblongaia, are two of the four

Causa of the Modella Oblogars, are two of the four Ross whence the Mediala Oblogars furgas, in the Brain. The Grans are the larger Rosus ; the two finalities are still Pubments. See Marvars. Oblogars. The Grand Artery at the See Tancon. The Grand Artery at the See Tancon. The Grand Artery at the See Tancon. The Grand Artery at the See The See Tancon. The Grand Artery at the See Tancon.

It conveys Blood thro' all the Part, by means of a great Number of Branches diffemented thro' its Substance. The Craval Vein is form'd of fix other Vein, e.e. the

The Craval Vein is form'd of fix other Veins, evs. the great and little Science, the Muffelds, the Poplates, the Su-ral, and the Suppleme. See Sciatica, Ec. CRURÆUS, in Anatomy, a Madle arifing from the fere Part of the Thigh-Bone, between the letter and greater to the Part of the Thigh-Bone, between the letter and greater to the part of the Thigh-Bone, between the letter and greater to the part of the Thigh-Bone, between the letter and greater to the part of the Thigh-Bone, between the letter and greater to the part of the Thigh-Bone and the part of the

fere Part of the Thigh-Bone, between the lefter and greater Trochanter, and lying clofe upon the Bone, just is Todon with three others, which slungether make one broad Tendon, that paffer over the Partalla, and is inferred into the little Taberofity on the upper and fore Part of the Thisa.

The call'd Crustus, as being faitend in the Thigh-Bone in the fame number as the Bratheaut or the Ann. It, also

is to extend the Leg.

CRUS, among Anatomitts, is all that Part of the Body which reacheth from the Battocks to the Toes; and is di-vided into Thigh, Log, and Foot. See each in its Place, Trunn, 8%.

which into Thigh, Lag, and Fine. See each in its rance, Threat, 26%, and the Term, English 20m, or while Threat, 26%, and the Term, English 20m, or while remains of Mail sites the Flower has been fifted out. It is only in each enough as for the collected Anderson and Landson and the Collected Anderson in the Collected Anderson and the Collected Anderson people by it; which is, to purify the Language, see the property of the Collected Anderson and the Collected Victoria to Street, and its Manne, It pin also for a copie, which is, It gothers the Single Phone shared, the collected Anderson and the Collected Anderson and Anderson to the Amount informs and everything beautiful and Anderson in Admission to the

In the risk of Apartment weter the Assachiny flectile Manneauth informs its, every thing bears an Allastien to the Name and Device: the Seas are in form of a Saker's Baffett their Bakes like a Showel for moving of Corn: The Cathions of gray Sattin in form of Sakes, or Walter; and the Branches where the Lighes are dispers, likewise references

The Dictionary *Della Crufes* Is an excellent *Italian* Dic-onary, composed by this Academy.

CRUSTA Villefs, in Anatomy, the fourth Tunic, or On the inner Surface of this Cost, are feen innumerable On the inner Surface of this Coxt, are fore Immerselble Willier Fibriller, fing every when expendicularly from it; to the mean of the control of the control

STONACH

CRUSTACEOUS Fiftes, in Natural History, are those cover'd with Shells, conflicting of feveral Fieces, or Scales 3 as their of Crish, Loblers, Ed. Sec. Serias.

Their are untuilly fofter than those of the Testacous kind, which confiss of a fingle piece, whally much thicker and firouger than the former 3 fach as those of the Oyster, Scal-

fironger than the forence; and as noted to foot of the being much lighter than the reft, must have floated on the

scang mucm ugner man me run, mur mave Botten de the Sarface at the time of the Delinge, when all the Strass were form'd; and there have corrupted and perifn'd. See Dileon. CRUZADIO, in Commerce, is a Portuguese Osin, firack under Alphonits V. about the Year 2457, at the Time when Pope Calitaries fort thinter the Bail of a Creifede, against

See Coin.

the Infidels. See COIN.

It had its Name from a Crofs, which it bears on one fide;
the Arms of Portugal being on the other. A Cruzade is
of the Value of 40 Sols. See Sou.

or the Value of a Ossa. Oct obt.
Curvano, or Crossant, an Expedicion to the Hely
Land. See Chossant, an Expedicion to the Hely
Land. See Chossant,
CRYPTA, a fabetermacous Piace, or a Vault; efpecially
under a Charch, for the Interment of particular Familier, or
Períons. See Theories.
S. Genyini, deferibing the Outfide of the Nations, Speaks
of the Offsto of St. Anderwa, St. Paul, See. See Caraof the Offsto of St. Anderwa, St. Paul, See. See Cara-

Virravius uses the Word for a Part of a Building, an-fycring nearly to our Cellar; Javenal, for a Cinesa. Hence, Crypto-Portico, a subternancos Place, archid, or vaulted; us'd as an Underwork, or Passage in old Walls. The me is also us'd for the Decoration at the Entry of a Grotto, Sec Gaorro

CRYPA, is also used by some of our antient Writers, for a Chapel, or Oratory under ground: Egyess two convextus, accepts obscoring it now as usuality per cryptam. Du Cange, The Word is formed of the Greek words, assemble, I hide;

whence zerom, Orphe.
CRYPTOGRAPHY, the Art of Secret Writing, or writing in Cipher. See Cipher, and Decipher 1800.
The Word is compounded of worfer, I bide, and great,

I describe.

CRYSTAL, in Natural History, a Kind of Mineral; or rather, a transparent Stone, white, like a Diamond, but much inferior thereto in Lustre and Hardness; used for Vules,

Urns, Mirrors, Sc. The Antients were but little acquainted with the Nature The Autients were but little acquainted with the Nature of Graffal; Dilips floaks of it as hardered, perished Water, which was the popular Opinion of those Days is but Experience has shown us the contrary; for bya Chymical Analysis, instead of refolying into Water, it yields nothing but a Cala, n, and Salts.

For the Places where 'ris found, Pliny adds, that he has feen it dug from off the highest and roughest Rocks of the

Alfo 5 whence, doubtleft, its Name of Rock-Cryfiel. Tis fornerimes also found in Brooks and Rivers, but nor form'd there; only wash'd down thinher from off the Mountains by the violent Rains.

Several Mountains of Europe, and some of Asia, produce Reck Crystal: If we may believe the French Relation of Madagastar, that Island yields more than all the World

Its Perfection confifs in its Lustre and Transporency; that with Straws, Duft, Clouds, &c. is little valued. It is fre-quently found Hexagonal; the Edges inimitably fine and

"Tis cut or engrav'd in the fame manner, with the fame Instruments, and by the same Workmen as Diamonds. See

Intiruments, and by the time Workmen as Diamoods. Soc. Orgital is of fome wit in Medicine, being an Afringers, Corylad is of fome wit in Medicine, being an Afringers and as fach wided in Diambras and Dyfeneries: "The sile wided to increase the Milk of Naries 3 and, further, is othermal as good Antidene against African, as good Antidene against African, The Word comes from the Greek spirass of Glatin; formed of soofty from the Greek spirass of Glatin; formed of soofty from the Greek spirass of Glatin; formed of soofty from the Greek spirass of Glatin; formed of soofty from the Greek spirass of Glatins and Control of Soofty from the Greek spirass of Glatins and Control of Soofty for the Greek spirass of Glatins and Control of Soofty for the Greek spirass of Glatins and Greek spirass of Glatins and G

its refembling lee

The Formation of Carstal, is deliver'd by F. Francisco Laus in the Philipsphical Transactions, to this Effect;
In the Val Sabbia I observed a spacious round of a Meadow, some Parts whereof were bare of all Herbs; wherein, and no where else thereabout, Cryfials are generated; all Sexangular; both Points terminating in a pyramidal Figure, likewise Sexangular. The Country People told me, They were produced from the Dews; because, for. me, They were produced from the Down; becaule, the footh, being gatherd over night, there would other arefe, from the produced of the produced of the control of the there was no mark of any Mice therethere. I conclude it might be a plenny of Nitrous Steams, which at the times time might binder the Vegetation on those Pitce, and and congulate the Down falling thereon: I see Nitre is not only the material Congolum of Water, as it manifest in artificial Gaications, but ever returns the aboveful decan-artificial Gaications, but ever returns the aboveful decangaiar Figure; which, by the way, may be the Cause of the Sexangular Figure of Snow.

* the Sexingaiar Figure of Stow.
— State Cryfiel are only found in those narrow
Places, this probable, thence are raled the Exhibition
Places, this probable, thence are raled the Exhibition
Places are Exhibition of the Cryfield of the Places
Paper or Exhibition of Lead congulater, such the list has
been originally laught, from their Egure, which is list as
the conjustify laught, from their Egure, which is list as
fined as Chichica of Madi or Flower, heard or pant conperful by their own weight, night have a for a sea che Cryfiel
It is economical and choice mad with fix others, is it be
constructed into a lexanguize Paol, confiling of capal and
produce the Cryfield of the Cr and fquare Sides.

and figures Sière.

Berkhauer siehe Geglet in die die progen Matter, et BisBerkhauer siehe Trabens Stones, die die die die
that Colon, Efe. from the different Admixture of Mirent
and Mezallier Fames, with the primitive Copfialities Matter.
Colovers, is sale siehe Siehe Geglet in the
Colovers, is sale siehe Siehe Siehe Geglet in the
Colovers, is sale siehe Siehe Geglet in the Missing, and
first, is effect, a Clude just carriet, in the Missing, and
fiftige fair broad the common Clude; such it comes fine fact
of the Whitesel and Virsairy of the Narurd Copfial.

The Colorest Fairs of the Virsair Copfial.

The Colorest Fairs of the Virsair Copfial.

a ne out Attuicial Cryffali are those made at Morran near Venice; call'd Venice Cryffali. Caverata, in Chymility, caprels Salts, or other Matters, fact, or congeal'd in manner of Cryffal. See Caveralla-arton. Thus,

arrion. Thus, Cavrata of Allium, is Allium purified, and reduced into Crystals, in the line manners a Tartar. In like ramore itse Crystals, in the film manner and the Crystals of Allium, are quadrangular, and brillians the Diamonds; theif of Nitre, white, and oblong; their of Sirter, white is the partie of the Nitre of Nitre, white, and obling the Nitre of TARTAR.

To prepare it, they holl Tartar in Water, fkim it, and firain it; when cool, there are form'd little white, fkiming Crystals at the Edges, as also a Pellicle, or Cream swim-

Crystan at the Loges, as and a Fellicic, or Cream swaming a-top, the Cream and Gryflais were entirently fuppool to be different; but are now found the time Thing. See Canast. Cryflaid of Tatrax is effected a Pargative, and Aperitive proper in Hydropical and Affirmatical Cates, and Intermit

proper in Hydropica and automatical cases, and ing Fever.

Cavaral of Tarter chalphosted, is when 'tis improgra-ted with the most distinguished Paras of Iron. Sec Charaterary. Cavaral of Tarter ometic, is when 'tis charged with the falphureous Parts of Antimony, to render it romitive. See EMETIC.

OxerAL Alliante Call'a alfa Mineral Analyse, and dail operating to the present of with Salphanian Fur half a grant of the salphanian for the salph

the that the Salt may shoot.

This is effected d good against the Squinancy, whence its

same of Sal Pruvella; Pruva, or Pruvella, expecting

Name of Sal Primella; Prima, or Primella, expecifing that Differ. See Pauvilla.

Caystals of Silver, or of Luna, is Silver, penetrated and reduced into the form of Salts, by the pented Adds

and reduced into the form of Salts, by the pointed Acids of Spirit of Nitre. See Silver.

"Is used for making Efebras, by applying it to any Part:

the also of use internally, in Droptics, and Difference of the

the glot on the beautiful property of the grant of the grant of fairs, call'd talls Sait, or Firming Mary, a non-school bush to be no school bush to be no school bush to be not school bush to be not

Refractions. See REFRACTION

Refrictions. See Rasmacricos.

It bears a red intensivitous losing its Transparency; and, in a very intensite best, calcines without Fedone : Scopyl a day or wro in Water, it lotes its neutral polith; raibb'd on Codo its streats. Straws, Ed., like Amber. In effect, it appara a kind of Tale; and is found in form of bolique Familtoripods with fix parallelogram Sides, and caght found algeb, See Tale.

segist. See TALC.
The Phenomena of this Stone are very remarkable, and have been examined with great accuracy by M. Hangrast and Sir J. Nemtou: For, first, whereas in other pellicued Bodies here is only one Refriction, in this there are two 5 to that

there is only one-Retriction, in this ti Oliects view'd thro' it appear double.

Olich wie'd the' it appear source.

45, Whereas in other transparent Bodies, a Ray falling

propositionary on the Surface, paties their they, without

finding my Kerriston, and on cholage Ray is always al
inding my Leriston, and on cholage Ray is always al
is reddings, becomes displied mo two, by mexic of the

closed Refriction. Once of their Refrictions is, according

in the colleary Raise, the time of facilence out of Air into

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the colleary Raise, the Sime of facilence out of Air into

the colleary Raise of the Raise out of the collections

in a facile obterval in Crypfast of the Rook, the much inf
facile.

When an incident Ray is thus divided, and each Moiety arrives at the further Surface; that, refracted in the first Surface after the usual manner, is refracted entirely after the usual manner at the second; and that refracted in the use his meanur's et une tectons'; and that references in the studied manurer in the first, is entirely refrashed after the like manuer in the focond: So that each emerges out of the Gened Surface, parallel or the first incident Ray. Again, if two pieces of this Crypfat be placed over each where, for as the Surfaces of the out to parallel to the corro-

other, lo as the Surfaces of the one be parallel to the corre-positing ence of the other; the Rays referated in the effect matter in the first Surface of the first, are refracted after the studial manner in all the other Surfaces: And the Same Uniformity appears in the Rays refusited after the annufast summer; and this in any Inclination of the Surfaces; pro-tided their Planes of perpendicular Refraction be parallel.

From these Phenomena, Sir I. Newton garbers, That there is an original Difference in the Rays of Light; by means whereof fome are, here, constantly refracted after the

and Lionr.

Were not the difference original, and did it stife from Myre not the difference original, and did it stife from 487 now Modifications impressed on the Rays at their first Refirstion, it would be altered by new Modifications in the three following ones; whereas, in fact, it fuffers no Al-

teration at all.

Again, he hence takes occasion to suspect, that the Rays of Light have several Sides, endu'd with several original Pro-S. Light have forveral fistes, endud with twent original re-perties: For, it appears from the Circumfinance, that there we not two form of Raya differing in their Nature from each difference contenting and in all Potitions, erizabled in the allowed the content of the Content of the Content in the Raya to the Parts of the Potitions of the Potitions of the Scholar of the Raya, to the Pirace of perpendicular Refuella. Achation. For one and the lame Ray is retracted observed intensisting the ufuel, and donetimes after the number of mental net, according to the Pedition of its Sides to the Cryfal: the Refraction being alike in both, when the Sides of the Rays are pointed the fame way to both, but different when different when

Every Ray, therefore, may be confider'd as having four sides, or Quarters; two of which, opposite to each other, dipole the Ray to be refracted after the unufual manner; and the other two in the usual. These Dispositions, being in

he Rays before their Incidence on the fectoral third, and fourth the Rays before their Incidence on the lecond, third, and tourt Surfaces; and fuffering no Alterations, for what appears in their naffage thro' 'em; must be original and contact

in their passage thro' em; must be original and connate. See Ray, and Lien'r; see also Reparaction. CRYSTALLA, among Physicians, are Puttules dispers'd all over the Body; white, and of the bigness of a Luvine. over the Body; white, and of the bigness of a Lupine.

CRYSTALLINE Human, is thick, compact Humour of the Fye, in manuer of a flatish convex Lens, finate in the middle of the Eye; ferring to make that Refraction of the Rays of Light, accellary to have less merce in the Refraction, and form as Image thereon, whereby Vision may be perform'd. See Evr., Humour, Refraction, Vision, Re-

performed. See Fre, Hentous, Reference, Vitton, re-rease, Ed.

"The the Configuration of the Confiditive that occurions
Frederia to be clarify Apple, or 20 register, 4.e. to be claim.

The Confidence has been been all reasers as the confidence of the confidence has been been all reasers as the confidence has been been as the and as the confidence of t the Ciliary Ligament a Power of making the Crystalline more convex, as well as of moving it to or from the Re-tina: Accordingly, by the Laws of Opticks, fomething of this Kind is abfolutely necessary to distinct Vision: For, as the Rays from diffran Objects diverge less than those from nigh ones; either the Crystalline Hauseur must be capable nigh ones; either the Utyltatina Hismon muit be capaned of being made more convex, or more flat; it elle there must be an Elongation of the Eye, or of the Dilance hortween that and the Retine. See Ligamentum Cillane,

and Sioner.

The Cryfiellive Homeor, when dried, appears to confit of a vait Number of titlu, [pherical Lanuer, or Scales, brigg over one another: Learnerwheek reckons there may be soon of 'em is one Cryfielline'; each of thefe, he fays be had followed to confit of a single Fiber, or fine Thread wound up in a flapendous manner, this way and that; fo as to run Everal Courte, and more in as many Courtes; and

vet not interfere nor cross in any Place Philos Tronfold. No 165, and 202

CRYSTALLINE Heavens, in the old Aftronomy, imagined between the Printum Mobile and the Firmament imagined between the Prinsms Mobile and the Firmannen, in the Prelimant's Spitem, where the Heavens were flapped folid, and only fate-printing of a fingle Motice. See Harven, King Albertonia of Arrayen is laid to have introduced the Cryfladines, to explain what they call'd the Motion of Tre-pidation, of Withinstian. See Prelimant's SYTAM. The first Cryfladine, according to Regionomatum, & Cerevator account for the first Motion of the first Surray which

Preceding of the Equinox. See Precession.

The fecond ferves to account for the Motion of Librati The fecond serves to account for the Motion of Libration, or Trepidation; a whereby the Celefial Sphere is carried from one Pole towards another, occasioning a difference in the Sun's greatest Declination. See TREPIDATION.

But the Moderns account for their Motions, in a much

But the Moderns account for thele Motions, in a much more natural and esly monner. See Liebantron, 15e, CRTSTALLIZATION, in Chymilley, a Kind of Con-gelation, behiling Sairs, both effectiet, fixed, and outstate a when, being fet free from the greatest Part of their Humidity,

when, being ter nee from the greatest Part of their rismidity, they are left to harden, dry, and shoot into Crystals. See Saltri-The ordinary Method of Crystallization, is perform'd by diffolying the faline Body in Water, filtering it, and letting it

dissolving the lainer Body in Water, filtering it, and leveling it evaporate, till a Film appears are the top 3 and laithy, section is stand to finot. See Dissolvinos, and Evapora artose. This Shooting is accounted fix, on Set J. Novembr Pitti-ciples, from that attractive Force which is in all Bodies, and particularly in Solt, by realon of its Solidity; whereby, when the Menitraum or Finish in which such Farticles floot; is fated enough, or evaporated, (which brings it to the fame) fo that the faline Particles are within each other's attractive and can draw one another more than they are drawn

This is peculiar to Salts, that fer them help are drawn by the Fluid, they will ran into Cryflait. See ATTRACTION. This is peculiar to Salts, that fer them be ever formach divided, and reduced into minute Farticies yet, when they are formal into Cryflait, they each of them restlime their minutes of the control of the control of the control of the minutes are found into Cryflait, they each of them restlime their proper Shapes : so that one might as casily divest and de-

proper Shapes: 10 that one might as casily divest and de-peive em of their Salueds, as their Figure.

This being an immutable and penpetual Law, by know-ing the Figure of the Crystais, we may understand what the Texture of the Farticles ought to be, which can form those Crystais: and, on the other hand, by knowing the Texture of the Particles, may be determind the Figures of the Cryftals.

For, fince the Figures of the most simple Parts remain always the fame, it is evident that the Figures they ran into, when compounded and united, must be uniform, and constant; and since the Force of Attraction may be stronger Contant: and face the Force of Attraction hasy be arounded on one fide of a Particle than on another; there will confinently be a greater Accretion of Solts upon those Sides which attract more strongly: From which it may easily be demonstrated. CUB

(354) demonstrated, that the Figure of the least Particles, is en-tirely different from that which appears in the Crystal. See

PARTICLE. CRYSTALOIDES, the Crystalline Coat of the Eye; a Coat, or Tunic, immediately encompassing, and containing the Crystaline Humour; and supposed to serve, by con-stringing or dilating that Humour, to vary the Place of its

Focus. Sce CRYSTALLINE. Anatomitts are divided about the Reality of fach Tunic, which is also, from its fine Texture, called Aranea Tunica,

Arachnoides. See Aracunoides. CRYSTALOMANCY, the Art of divining, or foretel-

CRYSTALOMANCY, the Art of divining, or foresting future Event, by means of a Mirner; wherein the Things requir'd are represented. See Marana. The art of the are represented of the Art of the are represented. The art of the are represented to the art of the art of

CYLINDER, &c. CYLINDER, DG.

The Obliture regards the Content of a Solid, as the Quadrature does the Superficies of a Figure 5 of that Collecture of the Sphere turns on the fame thing at the Quadrature of the Circle. See Solid Part and Quadrature of the Content, a regular or folid Body, conditing of the fluid of the Content, a regular or folid Body, conditing of the fluid and the Content of t

Body. The Cube is also call'd Hexaceiron, because of its fix Sides. The Word comes from the Greek was 7, Tesfara, Die. The Crobe is supposed to be generated by the Motion of a square Plane, along a Line equal to one of its Sides, and

at right Angles thereto: whence it follows, that the Pianes of all Sections parallel to the Bafe, are Squares equal thereto, and confequently to one another.

∞, and confriçuently to one another. To deficile & Rice, or Me, cheese any given Cole may be confirmed, or solverwish is any be access. On the beautiful of the confirmed in the confirmed in the AC, could to the Side of the Cole AI, and complex the Parallelogum A Col B. With the therest of the Side of Parallelogum A Col B. With the therest of the Side of Parallelogum A Col B. With the therest of the Side of D 1. Laifly, draw the right Line; I K, J.M., NG, and BD 1 produce I K and LM, cach way be E and E, and to G and H, till B.L. = I K = K, x, and G.H. = LM = MH, and draw the right Line B.G.; I H. ... (S. L. M. = MH).

and draw the right Lines E G, F. H.

"I determine the Surface and Sulfaty of a Cube: As the
Surface of a Cube confills of the copial Squares, a Side mulrippy by it field, and the Product by at, will give the SuSide, the Sulfaty. See Swaraca, and Sacratury of
Side, the Sulfaty. See Swaraca, and Sacratury
will be troop if that be rs, this will be rys? is Wheefree, the Genometral Forch being to Foca, and the Gomentical Foot to Digits, See, the Chiefe Forch is too Chiefe
Foot, and a Cube Foot too Cube Digits, See.

Hence, allo, Cubes are in a triplicate Ratio of their Sides; and are equal, if their Sides be fo. Curn. or Curuc Number, in Arithmetick, is a Number orifing from the Multiplication of a fquare Number by its

Sec NUMBER

Root. See Number.
Thus, if the fuare Number 4, be multiplied by its Root,
2, the Fallum 8 is a Gabe or Cable Number; and the Number 2, with reflect thereto, a Cale-Root. See Roor.
Hence, fince, as Unity is to the Root, to it the Root to
6 Square; and a Unity is not he Root, for its Root to
the Cable; the Root will, alfo, be to the Square as the
7 Square to the Cable: that it, Unity, the Root, the Square as

and the Cube, are in continual Proportion; and the Cube-Root is the first of two Numbers that are Mean Proportio-

Kook is the last of two Numbers that are mean proportionals between Unity and the Cube. See Powne.

For the Combostion of Cunic Numbers. Every Cable Number of a Binominal Root, is composed of the Cubic Number of the two Parts, of the Feltium of thrice the Square of the first Part into the fectod, and of the Feltium Square of the first Part into the fectod, and of the Feltium

Square of the first Part into the fectoral, and of the Fathers of threche the Square of the fectoral Part into the first, of three the Square by the Root I. But the Square of a Bi-pling the Square by the Root I. But the Square of the Part, and the double Fathers of one Part into the other. See Square, at the double Fathers of one Part into the other. See Square, Part, of the triple Fathers of the Square of the Father part, of the triple Fathers of the Square of the first Part into the Goond, and of the triple Fathers of the Square of the Good Part into the first, and of the Cale of the Good of the Good Part into the first, and of the Cale of the Good Part. See Root.

An ocular Demonstration of this we have in the following Example, where Multiplication alone is used. Suppose, 20"+2.4. 20+4"

+4. 203 + 2. 47. 20+43 201 + 2. 4. 201 + 47. 20 243=203+3.204.4+3.4220+43 3. 20" 4 = 4800 1 = 960 4' = 64 3. 4

CUB

Coroll. Hence, as the Part on the right Hand is placed among Units, and that on the left among Tens is the Color among the triple Square into the left, in the focal Place; and the Fallism of the triple Square for the left into the color among the color a

If the Root be a Multinomial, two or more Characters on the right must be esteem'd as one; that it may have the form of a Binomial

241 == 12824

the form of a binomial.

Tis obvious, that any Cabe is compos'd of the Cabes of
the ferestal Parts of the Koot, and of the Failburst of the
thiple Square of any of the left-hand Characters into the
next on the right; and also of the Failburst of the triple
square of the right-hand Characters into all the left. Suppole, u.g. the Koot and 7 lake ago for one Part of the
Root, swill be the other Parts. Confeagently. 1401=13824000

243"=14348907

The Piaces of the feveral Fastums, are determin'd from what was observ'd above : for regard must here, too, be had to the Ciphers to be added to the Numbers multiplied by cach other, if they be placed alone.

This Composition of Cubic Numbers once well conceived, the Extraction of Cubic Roots will be easy. See Extrac-

CUBE ROST, OF CUBIC ROST, the Origin of a Cube Num-ber; or a Number by whose Multiplication into it seis, and again into the Product, any given Number is form'd. See Cour Number.
The Extradion of the Cube Ross, is the fame thing as

the finding any Number, v.g. z; by whose Multiplication into it felf three times, a given Number, v.g. 8, is pro-duced: The Process whereof, see under the Article Ex-

TRACTION.

CUBEBS, in Fharmacy, a Frait brought from the Island
of Jana, in Grains refembling Pepper, both in form and
fine 4 whence fome call it Wild Pepper.

The field, the Natives of the Piace boil it ere they allow

it to be exported, to prevent its being fown in other Countries.

Cashest fortify the Stomach, Brain, and other Viscera; and enter as an Ingredient in feveral Officinal Compositions. CUBIC Equation, is an Equation wherein the unknown Quantity is of three Dimentions, as $x^1 = a^1 - b^1$, 8%. See

Casting February Education of Cubic Equations, for Construc-For the Confirmation of Cubic Equations, for Resources. For the Troop, for their Refutation, for Resources. For the Reaf, for Root.

Rest, lee Roor.

CUBICAL Parabeleis, a Term ui'd by fome Writers fix a Farshola of the higher Kind, v. g. where a' x = y', 66.

SC CENTA; for oli PARABOLA.

CUBIT, a long Mesfare, ui'd by the Autients, effectilly the Helbergus; taken from the ordinary length of a Man's Arm, from the Elbour to the Tip of the Hand. See Mea-SURE, ARM, and HAND

serms, Anns, and Hann.
In the Sentrance, we find Cubits of two lengths, the out
equal, seconding to Dr. Absinhous, to 1 Foot, 5 Inches, 1/16.

The Committee of the Committee of the Committee of a little of the Committee of a little of the Committee of the Commi

F. METJERBE MARCE THE METHET CHAPTER IN ACCORDING TO THE CAPITOL ACCORDING TO HERS, the Geometrical Cubit is a Digits; and according to Mers, the Geometrical Cubit is a Digits; and Corolling to Mirranium, the Foot is 10 the Ramon Cubit, i.e. to Digits. See Foot, Digits, See Too, Chapter See Mirranium, and Minaris. in Anatomy, the

CUBITEUS Externos, or Ulneris, in Anatomy, the

fifti of the Extentor Mulcies of the Fingers.
It has its Name, as being placed along the Cubitus, externally. It ries from the external Extuberance of the Hismannian, and placed along an exposure of the Hismannian, it inferted into the fourth Bone of the Metacarpus, that fulfilling the Technology of the Metacarpus, that fulfilling the first Finger.

CHRITIEUS

Centrary paterns, the first of the Fleners, placed and the Company of the Company

property of the fourth of the first power; for all of the first power; for the first power; which the Arabs call first power; which the Arabs call y so can or, as

onstratum-cubt. See Fow sa.

CUBOIDES, or Of CUBIFORME, in Anatomy, the ferent Bone of the Foot; fo called, from its being in form of a Cube, or Die. See Foor.

of a Case, or Die. oce Foor.

Some also call it Multiforme: It is fituate in the foreBur of the Calcaness, in the fame Rank with the Offe

Greeformia.

Behind, it is articulated to the Os Calcis; before, to the resource Bones of the Metatarfiss; and within, it is join'd to the third Os Canerforms. See Bone.

to the third Os Countforms. See Bown. CUBUS-CUBI, a Name whereby the Arab Writers, and hole who follow 'em, denominate the minth Power, or a Number multiplied eight times by it felf; which Diophem str., and after him Flees, Ongbreed, See, call Cube-cubes, and

Se BOWER.
CUCKING STOOL, or COKESTOOL, antiently call'd
fambrel, and Trebucker; an Engine for the Paniffunctor of
Seeles and unquite Women, by docking them to the Water.
Kinchen fays, 'Every one having View of Frank Flodge,
'ought to have a Pillory and a Tumbrel.' This Machine

was much in nie, even among our Saxon Angeftors, who call'd it Socaldona flode

cul'd is Southing-floir.

This Funthment was anticutly inflicted on Berwert and
Bikers, transferetting the Law who were therespon, in fach
about or Castr, to be darked in Streerer, fone maddy
about or Castr, to be darked in Streerer, fone maddy
is 2000 the control of the Streerer, fore maddy
is 2000 the streerer
in 2000 th

saa Yrapezini, rom its retempiance to a geometrical re-gure, call'd a Yrapezium. See Trapezius. The Fibres of this Music bave various Originations and Actions: whence Dr. Drake thinks it may be more proper-

Aftens: where Dr. Broke think it may be more properly call'd three, than our Mufile.

The upper Order of Fibers or Marites, fprings from the Occipitary is the fecond from the Spines of the Vertebre of the Neck; and the third from the Spines of the cight upper Verrebre of the Theora, or Beak: a and an inferred into the Spine, Aeromann, and Bafin of the Scapale, and part of the Charge.

part of the Christelle.

From the different Difpolitions of these Fibres, the Scafrom the different mays; the first pulling obliquely unsured, the last obliquely downwards, and the middle backstate: When they act all three together, they are hid to draw backwards only ; i. s. the two Extremes antagonizing, the middle one alone is at liberty to act.

CUCULLYS, was only been by all of Cuculty and serious as a complete of the complete of the cucultus, or Monk's Hood, or Helmet. See Flowers CUCULLYS, was antiently a kind of Traveller's Capacilla also Cowi, Gold, or Galas: whence the Name paid to the Monks, among whom it figuify their Frock, and Capacilla also Monks, among whom it figuify their Frock, and Capacilla see Monks, among whom it figuify their Frock, and Capacilla See Monks, among whom it figuify their Frock, and Capacilla See Monks, among whom it figuify their Frock, and Capacilla See Monks, among whom it for self-gold see the complete of See Come

See Cowe.

The Word arofe hence, that antiently they were their Clothes turn'd up at the Neck and Sieeves, with a kind of Skin call'd Gale, or Gulez, Coules, and Cufeules; from Cufering, Grain of Scarlet.

CUCUPHA, an antient Form of Medicine; being a Cap, or Gover for the Head, with Cephalic Spices quitted there-in; wore in many nervous Differences, and particularly such

"", we're in many nervous Dittempers, and particularly used is more immediately shefted the Head: as against Catarribs, Defluxions, te're. It is now almost out of use. CUCURBITACEOUS Plants, a Kind of Plants, fo talled from their refemblance to the Goard, call'd by the Latins Cocurbits, which is the Head of this Family. See Plants. PLANT.

Plants of the Cacurbisaceous Kind, fend out their Bean-ches every way; which are fost, and generally fer with Urille, by means whereof they eling to the Bodies that are

Their Flowers are either Sterile, or Fertile: The laft knit, and yield fleshy Fruits of various Figures; containing within 'em feveral star Seed placed in three or four Lodges,

when two reverse that occupantous in the control of or even a greater Number.

Their Seeds have ufuelly a white fweetish Kernel; the greatest part of 'em being of those call'd Frigide Majorate, or greater Cold Seeds.

The Pampion, Mathroom, Mclon, &c. are of the Cucur-

naceous Kind.

CUCURBIT, in Chymistry, an Earthen, or Gliffs Vessel,

I'd also Body; wherein are put the Matters to be diffilled. See District Arrion

ce Distributions.

It is formetimes also made of Tin, and formetimes of Brafs, and When a Diffillation is to be made, they fit on to it in glass Head, with an Aperture, and a Neck proportional RETOR

CUCURBITULA, in Chirurgery, a Cupping-Glafs, or Infrument sfed in the Operation of Cupping. See Cur-

PING-Gissys.

CUDDY, in a First Rate Man of War, is a Place lying between the Captain's and the Lieutenant's Cabins, and the Poop; and divided into Partitions, for the Master and Sethe Poop; and di

ctary's Officers.

CUE, an Item, or Innsendo, given to the Actors on the tage, what, or when to freak.

CUERPO. To cask in Cuerpo, is a Spanish Phrafe, for the without all the Formalities of a comparation of the comparatio

CUI ante Divertions, a Writ, which a Woman diverced from her Husband, bath, to recover Lands or Tenements from him to whom her Husband did elienter them during Marriage; because, during the Marriage, she could not

Martings, becaufe, daring the Martings, the could not gapling it. Fig., in With of Eury which a Wildern hand, and the state of the state of the state of the spatial thin to whom for Hashood sitesaned het Lands or Tenemens in his Lifetines, jeterijes, that, during his LUCHRASSE, a more of dendure Armore, made of an less framework of the state of the state of the Handward of the state of the state of the state of the handward of the state of the state of the state of the transport of the state of the state of the state of the transport of the state of the stat

Penance.

Some derive the Word, by Corruption, from Cueuresse; because it covers the Body: Others from the French Curr, or the Latin Curium, Leather; whence Curiaceus: by reafon defunite Arms were originally made of Leather.

culin ARY, an Epithet frequently added to Fire; de-termining it to be a common Fire, excited in Wood, Coals, or other ordinary Fuel: In contradifinction to Solar Fire, or

that rais'd by the Action of a Butning-Glass; to Central that raid by the Achinn of a Barning-Glas'; to Central Free; to Animal Fire, Er. So FIRT. Calinary Fire, according to Brarbasee, conflict of a Por-tion of pare Elementary, or Solar Fire, attracted by the oily, or laphaneous Parts of the Pact, with fach Velocity, as that it moves the fane, agittees and whilst own violently about, and by degrees breeds and attenuates them; renders tern volutife, and disperder from fair. Soe Fortu.

ten welmit, and diliporties (em in Air. See Frux.).
The Efficie of Air upon this Fine, is to make, as it were, a Vanit remed it, and by that means, retlinin and keep it in, determine it upon the Shiphus, and that percent it so to hard Diliporties. See Airen the Latin Caliton, Kitchen, this being the chief place of fine I first the Step the chief place of fine I first Californ, Kitchen, a Frunch Term, properly figalifying the bottom of a Lone, a first and Term, properly figalifying the content of the Californ and the Air and the Californ and the

what in manner of a Testado; particularly a kind of Pen-dentive in Gothic Vaults. Cur. de Four, a fort of low, fpherical Vault, Oven-like.

See VAULT. Cal de Four of a Niche, the arch'd Roof of a Niche, on a

Sec Nicht CULLIAGE, or CULLAGE, a Right usurp'd by the antient Lords, and effabish'd by a foolish Custom, which gave 'em the first Night with their Vassals Brides.

"Tis faid this Right was citabilith'd by Even King of Scotland; and finally abolish'd by Malcolm III. a Compenfation being fettled in its flead; as occasioning frequent Re-volts of the Vastals against their Lords.

The Word is form d from the French Cal, Breech.

The Word is form'd from the French Cal, Breech. CULMIFEROUS, in Borensy, a Term applied to fuch Plants as bave a funcoth-jointed Stalk, ufually hollow; the Stalk warpd about, at each Joint, with funge, narrow, flarp-pointed Leaves, and the Seeds contain'd in chaffy Hulks. See Cerases, and Plant.

Culturifrons Plants are divided into two Kinds; those

ith a greater, and those with a smaller Seed.

Those with a larger Seed are called Framentaceous, or Cereales; and are again divided into Spicate, as Wheat, Ryc, Spelt, Barley, Rice, Peake, Se, and Paniculate or Juliese, as Oats, Scordium, Millium, and Maife. See FRUMENTA-CEOUS, Ec.

CULMI

CULMINATION, in Afternomy, the Transit of a Star or Planet over the Meridian; or that Point of its Orbit wherein it is at its greatoft Altitude. See Star, Altitude, ORBIT, Sc.

ORNEY, EG.
Hence, a Ster is field to enhances, when it paffes the Menchan Goo Manatura, was a start, as a start, as a start, and the start of the first partial of the first part

parenam.

The Eye, therefore, being so placed as that the Thread DE may cover the Thread DC; wait till the Star be biffelded by the Triangle DCE; then the Eye and the Star will, together with the Triangle DCE, be in the fame Plane: Consequently the Star is in the Meridian. See Mr. RIDIAN.

To find the Culmination of a Star by the Globe. See

Grons.
To find the Time when a Star culminates, from a given
To find the Time when a Star culminates, from a given
right Affentices of the Advision, the Sun, and the Star. Subrack the right Afecasion of the Sun from that of the Sur;
if that of the latter be the left, add 360° to it, and subtract
the former from the Sun; convert the Remainder into Solait
Time: (fee Time.) Thus will you have the Time paid'd fince the Star's Culmination.

Hence, alfo, we have the Heur of the Night. See Hours.
CULMUS, is properly the Stem or Stalk of Corn, or
Grafs; which in other Plants is call'd Coulis. See Suzm.,

and STALE.

Hence, Calmiferons Plants, are such as have a smooth-jointed Stalk, and usually hollow; and at each Joint the Stalk is wrap'd about with single, narrow, long, thrat pointed Leaves, and their Seeds are contain'd in chairy Hutks. See

CUL-PRIT, a Term us'd by the Clerk of the Arraignments, when a Perion is indicted for a criminal Matter. See

INDICTMENT.

After the Indictment is read in Court (which is the Crown's Charge) against the Prisoner at the Bar; he is

Cown's Charge) against the Frihorer at the Bar's he is air'd if Guilly, or Not Guilly!

If he answers Not Guilly, there is next a Replication from the Cown, by conclusing the Charge of Guill upon him; which is expressed by pronouncing the Word Codypra's Cost being an Abbreviation of the Latin Word Codyphilis, Guilly, and pris (now pres) the old Franch Word Kon.

From these two Assertions, therefore, of the Clerk of the Arraignments, the Prisoner is deem'd guilty of the Crime charg'd on him; and that the Crown is ready to prove it

upon him That this is the true Explanation of the Term, is evident on the Form of the Entry of the Record of the Trial,

when drawn at large N., a Term fome Authors afe for the CATHEN stage of the Medicine of Heights, and Diffances, by Freemenl; that is, by influments which give as fuch Heights and Diffances by Perts, and not all at one Operation. See Measuring, At-

Farts, and not all at one Operation. See SHANGERS, ALTERITY, DEVANCE, G. Of Chalance or Artillery, Erring to carry a great dilthance. See Charasacct.

Of their there are thene Kinds, in: the Culture's carracterizing, the ordinary, and the help field.

The Culture's certainflowers had by Inches beer; in length 15 Culture, or extendingly that 3/2 Inches beer; in length 15 Culture, or 15 four; weight 4800 Found; in Cond above 12 Found; curries of Short 1 Jahne's 2 Diameter,

weighing 20 Pound weight.

The Ordinary Culverin is 12 Foot long; carries a Ball of 17 Pound 5 Ounces; Caliber 5; Inches; its weight 4500

The Colorein of the least fee, has its Diameter 5 Inches; is 12 Feet long; weighing about 4000 Founds; carries a Shot; Inches; Diameter, weighing 14 Founds; Ounces. See DEMI-Culverin.

Menage derives the Word from the Latin Colubrina; orners from Causeer, Starke; either from the Length of the Fiece, or the Ravages it makes. CUMMIN, the Grain of a Plant of the fame Name, much like that of Fennel; growing abundantly in the life of Malta, where its fown and caltivated after the manner of Corn.

The French frequently call it Auis sigre, fharp or four

Ania.

"Tis an'd with Success in the Vertige, Wind-Coller, Tymponies, gife. Tis oftend excellent to remove the Natural Heart in Horfes, Bulls, 156. The Fridgeons are exceedingly fond of it; whence fone make afe of it to people their Dowebodes, incorporating it with an Earth naturally falline, or some other Earth that has imbib'd Urine.

This Scod, as well as the common Anis, yields, by Egprefficia, a kind of Oil, effected fovereign in Rheumatifina;
provided it be and with Precurious, and in final Quintities.
CUNETTE, in Fortification, a deep Trench, about three
fore Fishmon wide, final shop the middle of a dry Most,
to lade case the Water; or to make the Patige more disticut to the Exerm. See Ta six-cased Durars, upon effect.

CUP

CUNEUS, ose of the Mechanical Powers; more sinally, by English Writers, call'd the Wedge. See Wrings, CUNEUS (FRINGE). Anatomy. See Springerous, Cuneifforme Os; in Anatomy. See Springerous, Cuneifformia Oss., the fourth, fifth, and fixth Books of

the Foot; thus called from their wedge-like Shape, being large above, and narrow below.

They lie all three 2-fide of one another, and are of diffe-rent Sizes; their upper Side convex, and their under hol-low: by which means, the Muscles and Tendons in the bottom of the Foot are not hart in walking. DORSON OF THE POOR AFE FOR THE WAILING.

At one End they have each a Simus, which receives the
Os Namenines; and at the other End are join'd each to one
of the three inner Bones of the Mestatarfist,
CUP, Calys, a Veffal fo cail'd, of various Forms and
Ufex. See CHALICE.

In the Ethem. German, we have a Description of a Cap

In the Ephran German, we have a Defeription of a cop-made of a common Pepper Gent, by Offstalk Nirthery, which hold 2000 other levey Gript, each having in feveral Contra among Herbalific, are those flower than 100 feet. Flowers grows a force being pointed into two, three, fine, five, or fix Leves. See Cartz. CUPOLA, in Architecture, a spherical Vault; or the round from the Dome of a Charch, in form of a Cop thereted.

Sec Donz.

See Douz.

Some call it a fundamental the hardware Latin Opfacts the substantial the latin of the substantial the
C(FFE), C(FE), or C(OLFE), anong C(pymilit, a

Velist or Usealli, aded in the triping and purilying of Gold

The substantial the substantial the substantial the
C(FFE), C(FE), or C(OLFE), and C(FE), and C(FE),

It is perform'd by collecting the Humours into a Tumor ader the Curis; and letting cm our thence, by Scarificaunder the Cutis; and letting 'em out thence, by Scarifica-tion; i.e. by feveral incidens made with a Scarificator, See Scarificator.

The leftments wide herein, are the Chewrlinde, or Caption Giffin, and Storpfatters "The Deferments or clean Caption Giffin, and Storpfatters" The Deferment or clean Caption is presented either either either Ere. at Caption is presented either either either Ere. at Caption is presented either either either Ere. Caption of the Caption is besterd, and for ready day the Application of the Chewrifted in besterd, and for ready day the Application of the Finance of a Liamp, or the line; and the Veffection of the Chewrifted by the Preset, proceed that in A pleas of Card at cut round, and a Liamp, or their lines with children in the Caption of the Caption of the Chewrifted in the Preset Proceed that in A pleas of Card at cut round, and a Liamp, or their lines with children in the Caption of the Capt

flick to the Part whereon the Operation is to be perform'd,

thick to the Fart whereon the Operation is to be performed, and covered with a Cuterbirds, or Cupping-Glais.

After the included Air has been well heared and sately with the Hames of the Candles, it is clap'd close to the Skin 3 which it has no foomer reached but the Candles are

extinguish'd, and the Tumor rais'd

catinguilled, and the Tomor rais d.

In Cupping entitions Fire, infleed of sarefying the Air incladed in the Cupping Glafi by heat; 'its done by a Syringe applied to the Neck of the Cupping Glafi, fixed with
a braft Collar, Cap, and Valve: The Cupping Glafi, being
applied to the Skin, and the Syringe wrought, part of the
Air is pumpl does of the Canwalitate; and thus the Tume ics, as in the former Cafe. See Syrings.

The Reafon of the Phanomenen is this: The Air included rifes, as in

The Reafm of the Phancomeon is this: The Air included in the Capityng-Gida being rarefind, a great Part of the Load which before profid it and kept it down, and which full continues to prict he reft of the Body, is taken off; upon which the Air, known to be contained in the Veffels of the Body, and mix d with the Blood and Jutce, expands it felf; and railice a Tumor, carrylog with it the Fluids where. with it is mingled

The Operation is perform'd on the Breafts and Thighs, to flop or promote the Menfes; on the Navel for the Cholick. Cupping is also us'd for Defluxions on the Eyes, for veno-

mous Wounds, and Bubocs; on the Head, for Apoplexies, So-Currenso Glass, Caestriantle, in Chirusgery, a Giasi Veffel, applied to certain Parts of the Body, to drew the Blood and other Humours from within outwards; to be afprewards discharg'd, thro' several Incisions made with a Searrificator. See Curring.

The Veffel is of various Dimensions: Sometimes, instead The Veffet is or various Dimentices: Sometimes, infleed of Giaft, its made of Wood, Horn, Braft, Silver, Edwards the Capping is to be performed with Fire; the Veffet, when the Capping is to be performed with Fire; the Veffet, is not in this State arguined clofe to the Part; The Air like ; and in this State arguined clofe to the Part; The Air rit as the former Cafe.

CURATE, is properly a Parion, or Vicar of a Parifin, who hath the Charge or Cure of the Parifhioners Souls.

See Curse, Paaron, Ec.

Curse is now more generally used for a Deputy or Subfinite 3 or one who officiares in the Place of the Incumbent,

et Beneticiary.

CURATIVE Indication, among Physicians, a Sign which
but relation to the Difeafe to be cured. See Symptons, and

CURATOR, in the Civil Law, a Truftee, or Person cicted or nonminated to take care of the Amais and interests

test.

In Constrict where the Renear Law prevails, between the Age of 14 and 14 Years, Minors have Carnery alligned to the Age of 15 and 14 Years, Minors have Carnery alligned Constrone, of an Academy, in the United Provinces, is an elditor Office, to which belongs the Direction of the Assemble Infection of the Construction of the Constru

fauth. CURDLING, the congulating, or fixing of any fluid Bo-GURDLING, the congulating, or fixing of any fluid Bo-ga far days, Arightens Son of Apollo, and Cyrene Dughter of the River Peneus, were the first who found the Secret of curviling Milk. See Milks.

his Secret of carefulog Milk. See Mitzs.
At Flarron, they careful their Milk for the making of Onete with Artichoke Pleavers; is lies of the Remote Law of the Milk of the Mil

"Tis occition's by the want of being inck's, whence the Muthod of remedying and preventing it is apparent. CURE of Smill, a Benefice, the incumbent whereof has the Charge and Guidance of the Sonis of the People within a certain extent of Ground, call'd a Pariss. See Benefin

is a certain extense of Ground, call'd a Partifle. See Baxxi-Fre, Faranti, Care Bedor, E. on consonitionation on a Both in a Vistra, S. Redor, E. See Vistra see, S. C. Gotta, in Falcour, a Remody which the Falcouring for bliff Birds, in form of Birds Balls or Pollers, of Homps, Come, or Fachers, to inshire and day up their Palagem. Ground, or Fachers, to inshire and day up their Palagem. Boxes of Birds, brain'd 3 or of Hanss, or Rabbets Feet. That of George boars and confinens the Lungs; of Specially

Hat of Cotton burns and confamos the Lungs; efpecially when given without washing.
From the Condition of the Cure, when expansated, they Judge of the State of the Bind. Sec Castanto.
CURETES, in Antiquity, a fort of People of the Ifte of Gret; call'd also Corybinstes. Sec Convants.
The Current are fail to have been originally of Mount Ida, in Phrygia; for which reason they were also call'd Idai Dasliyh. See Dacrys.

Ms, in Physics 1 for which cannot be the Dryke is to Enter the Control of the Con

Trainer. 1 of Testes way to Shower of Rain : La-deral Gay, they note from a long Shower of Rain : La-sensed Polaries Steinbergerfeit them as very aspert in but the second of the second of the second of the best factors and Flexes Best all agest in formalistic en-tition and Collement's ; and crises that they seed to Show Anton, however, give a different Accouse of the work, 10 According to Perens, and others, the Correc-work, 10 According to Perens, and others, the Correc-tors, which was the Correct of Perens, when the Correc-tors and Perens, what the Draids and Bands were all the Working of the Gods. See Devery B. Edglings, and the Worship of the Gods. See Daure.

Hence; as in those Bays it was imported there was into Communication with the Gods but by Divinations and Angaries, and the Operations of Magick; the Currete past'd for Magicians and Ecchanters To their they added to Study of the Stars, of Nature, and Poely; and so were Phi-lescobers. Astronomers, Fig.

lefophers, Alfrenomers, Efc.
Such were the Courtes, and after them the Draids; with
this difference, that the Courtes, in the Time of the Fismens, went to the Wars 5 for which residen they were armed,
and were wenderfully descreas in dancing, Capa-p-e, finking
their Backlers and Javelins: From which Aslion, Pecrus conjectures, they took their Name, Courtes; Curre, in
the Colite, being the fame with the 246, of the Grovk.

the Cettle, being the fame with the zelos, of the Greek.

According to Mircher, the Curetae were what the Spirits are among the Cebalifit, the Powers in Dionylius, the
Democra among the Platonifits, and the Genti among the
Exprisms. See Damon, Ed.

Egyptisms. See Danson, Se.
Vollins diffinguishes three Kinds of Caretes, those of Etclia, those of Physgia, and those of Crose, which were originally derived from the Physgians.

ginally derived from the Physgians.

The first, he fays, took their Name from may, confure a in regard, from the Time of a Combat wherein the Enemy Stirl other long Hair, they always keep it care. Those of Physgia and Cress, he improfes were so call of from wife,

of Physics and Crit, he Grycha were to call from #0.6, young May is regard they were young. The Islands, and Spainter when he was wong. The Islands, a Spainter of Critical Physics was to the Critical Physics of Critical Physics of Reverse, given to Critical Physics of Reverse, given to Critical Physics of Reverse, given to Critical Physics of Physic

The most aurieus Courfus, was that clabiffield in England, by Milliant the Coupering who a spointed, under fever the relating shat at the ringing of a Bell, at eights Cock in the Evening, every non-flowed part out these Lights, ower, or mix up their firms, and go to be al.

11 to a second of the control of the coupering of the COURIA, in our ancient Cultoms. It was shall be the King of England on elimbia the Efficient Paris. Our coupering Must obtain the Coupering of the Coupering of the Coupering of the Kingdom, to force particular Place, at the other Parlius in the Vers y and this Affendy's is cell by chief Felitvals in the Year 3 and this Affembly is call'd, by our Hilbritsan, Carl'i3, because there they concluded about the weighty Affairs of the Nation: whence it was fometimes also call'd, 3demist Carus, Generalii Coriza, Angolfalsi: Cu-ries, and Cariza Publica, Sec. Sec Court. Cens. a adviger vest; in Law, is a Deliberation, which the Court fometimes takes, before they give Judgment in a Canfe sheerin there forms to be any Yinit of difficulty.

Curia Baronum. See Court-Baron.
Curia Baronum. See Court-Baron.
Curia Chandenda, is a Writ that Hes againft him who
should fence and enclose Ground, but refuses or defers to doit.

HOURS bence and enciole Ground, but refules or defers to deit. CURLALINA drugite. See COUNTRIES of England.
CURLA Militam, a COURT for all England.
CURLA Militam, a COURT for called; antiently held at Garithreck Cuffle, in the Ille of Wight. Et idem Danista Willbelmus de tuffels factore debts fellow ad Curiam Domini cuffri de Crusbrae, de rubus febiument in tres febiument, in Curia que cocature Curia Militam.

Cuara, among the Romans, a Portion or Division of a

CURIA, among the Romans, a Portion or Division of a Tribe. See Trains.

In the Time of Romanies, a Tribe consisted of ten Curia, or a thousand Men; each Curia being one hundred: That Legister made the first Division of his People into thirty

Afterwards, the Word Curia, Curies, or Domus Curialit, Afterwards, the Place where each Curia held its Aften-blies: Hence, Curia paß'd to the Senate-houfe; and 'tis hence the Moderns come to the Word Curia, Court, for a Place of Justice, and for the Judges, &c. there affembled. See Course

Some derive the Word Caria from Craor; for what Reasome cerve the Weed Carra from Crair; for what Rea-fow we for not. Farry brings if from Carra, Care, q. d. an Affembly of People, charged with the Care of Publick Af-fairs. Others will have the Wood come from the Greek; a maintaining, that at Afbeat they call d mose the Piace where the Magiffrate held has Affaires, and the Powole used to af-femble; mose, agoin, may come from wife, Authority, Power; la regard, it was here the Laws were made.

Hence alfo,

CURIO, the Chief, and Prieft of a Curia.

CHEMAN, INC Chief, and Prieft of a Curia.

Remulate, upon dividing the Propole into Curie, gave each
Division a Chief, who was to be Prieft of that Curie, to
cet the Title of Curie, Curies, and Flament Curies.

His Basiness was to provide and officient at the Sacrises
of the Curie, which were called Curiessis at the Curie furnishing him with a Sam of Mourey or the Curie furwhich Tection or Appointment was called Curiestisses.

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Each Division had the Election of its Curio ; but all these particular Curio's, were under the Direction of a Superior, or General, called Curio Maximus; who was the Head of the Body; and elected by all the Curio's, aftembled in the Comitia Curiata.

All these Inflitutions were set a-foot by Romaius, and con-firm'd by Numa, as Halicarraffeur relates it. Goodwin will have two Cario's in each Caria.

have two Carrio's in each Carris.

CCRIOSUS, Currious, an Officer of the Roman Empire,
during the Emperors of the middle Age.

The Carrioff were Persons appointed to have an Eye that
there were no Frands, and Mariertations committed; particularly no Abuse in what related to the Posts, the Roads,
see and the insulficience of the Posts, the Roads,

&c. and to give Intelligence to the Court of what pass'd in the Provinces. This made them People of Importance; and put 'em in a Condition of doing more harm than they prevented: on which account, Homeries cashier'd 'em, at least in fome Parts of the Empire, Anno 415.

rate of the empire, 2000 445.
The Cariefi came petery next to what we call Controllers:
They had their Name from Cura, Care; 2000 Curis agendities eveliantees operant darent.
CURLING Stuff, in Joiners. See Cross-on any SwiftCURNOCK, a Mediare of Cora, containing four Baffnets.
See Metales and Pourse.

See MEASURE, and BUSHEL. CURRANTS, a Kind of little Raifins, or dried Grapes, of

different Colours; black, white, or red; of the fize of or-dinary Goofeberries, brought from feveral Places of the Archipelago, and among others, from the Ithmus of Corinab; whence their Name.

They must be choicn new, imail, and in large Masses; and care be taken that the little Spanish Currents ben't foitled in their room. When made up in Bales, they may keep two or three Years, without firring, or giving 'em Air.
Their use is in seasoning several Viands, and in terms me-

dicinal Compositions; where they serve in lieu of Raisins. Sir George Wheeler's account of these Fruit, and the mannet of preparing 'em is very curious.

The Hand of Zant, he observes, is the chief Place

whence the Corrasts are brought : the Mores, or the Ifthmus of Corinth, which was antiently the principal Plantation, and whence the Latins denominate 'em Une Corinthiace,

and whence the Latins decommant 'em Une Carachinaco,' now, produces no more 3 at having been much neglected; the Jesloudy of the Jarks not allowing large Veffels to exter the Gulf, to take 'em off their Hinds.

They don't grow on Buther, like our Gooleberries, the that be the common Opinion 3 bett on Vines, like other Grapes; except that the Leaves are fornewhat thicker, and the Grapes on the Grapes are fornewhat miller: They have no Stone; and,

Grape , over-the Grapes fomewhat fmaller: They have no owner, in this Country, are all red, or rather black. They gather 'om in Anguigh, diffole 'em in Beds on the Ground till they be dry, clean 'om, and lay 'em up in Ma-gazines, which the Natives call Scragible'; pounney them the Massacine be full. They cling to faft in at a Hole, till the Magazine be full. They cling to fall together by their own weight, that they are forc'd to be dug out with Iron Inftrum

out with 1001 Intruments.

To barrel cm for fending abroad, they have People who greafe their Feet and Legs, and tread 'em ciofe, that they may keep the better. They are fold for about 12. Crowns the thouland Weight; and pay as much Custom to the State of Venice.

Last produces enough yearly to load five or fix Veffels; Cephalonia three or four; and the other Islands one. The

Legisla have a Factory at Zont; the Dutch two or three Merchants, and the French one: the English confuming Merchants, more than fix times the Quantity that both France and Hol land do moether.

Those of Zant know but little of the use we make of em; being perfuaded they only serve in dying of Cloth; and be-ing entirely ignorant of the Luxury of Christmas Pyes, Pad-

ing cine.

dings, 15c.

CURRANT, or COURANT Money, good Money, or
that which paffes in Commerce from one to another. See

COURANY, COTTAINS, a fort of running French Dance: Alfo a Mufical Air in triple Time. See COURANY. CURRENT, in Hydography, a Stream, or Flax of Water in any certain Direction. See River, and Wave. Corrents, in the Sec, are citizen Postural and General, as arifing from the disease Rocation of the Earth on its Axis;

arising from the distruct Restrict on the Earth, on its Asia's of Accidents, and Particular, could by the Wastern being on Accidents, and Particular, could be the Wastern being where, wasting mon to Spread, they are driven being, and where, wasting mon to Spread, they are driven being, and then distant the ordamy Flax of the Soo. See Sas, Flexe, Flex. The Currents are So vidents under the Equator, where The Currents are So vidents and the Spread The Currents are the Spread fage into Europe.

in the Straights of Gibraltar, the Currents almost con-flantly drive to the Eastward, and carry Skips into the Me-

disternment : They are of utilly, too, found to drive the fame way in St. George's Channel. The great Violence and dan-geoconfacts of the Sca in the Straights of Magellan, is arti-bated to two contrary Current letting in, one from the South, and the other from the North Sca.

CURRENTS, with respect to Natigation, may be defin'd, certain progressive Motions of the Water of the Sea, in several Places, either quite down to the Bottom, or to a certain de-

Fince, either quite down to the Bottom, or to a creatin de-terminant depths, by which a 500 years happen to be carryed to the Dracibles or Setting of the Carrent, in, with, e-against the Courie or Way of the Sishy. See NATOATION, The Bedieck of Carrent's making a condicable Article The Bedieck of Carrent's making a condicable Article The Deficie of Carrent's making a condicable of the Fixed Carrent's the Carrent's and by the driving of the Front dauge for Score, when in fight of it is But the more usual,

awel as more accurate way, is thus:

They first fix their Boat, by throwing out a triangular
piece of Wood, with a piece of Lead failend to it and to
the Stem of the Boat with a Cord; and letting it faile of
Fathom, or more; or, fometimes, by a Kettle ty'd by the Bowl, and funk, as the other,

By either of these means, the Boar is brought to ride as at Anchor; which done, the Log is cast over, the Glass turn'd, and as the Log-line vects out, the Drift of the Log is set

and as the Log-line vecto out, the Dritt of the Log is fee with the Compain. See Lou-Lists, and the saw whether there he any Lorenzi, or mone, and This, these whether there he any Lorenzi, to mone, and the same that the log-line a fifth

It ioo, a mm.
If a Ship fail along the Direction of a Current, 'tis cvident the Velocity of the Current must be added to that of the Veffel: If her Courle be directly against the Current, it must be substacted; if she fail athwart the Current, her Motion will be compounded with that of the Current ; and metics will be compounded with that of the Current; and her Velocity augmented or returned, according to the Angle of her Direction, with that of the Direction of the Cur-pers; i.e. the will proceed in the Diagonal of the two Lines of Direction, and will deferibe or pats thro' that Dia-gonal in the fame Time wherein the would have defertibed cither of the Sides, by the feparate Forces. See Convent-TION of Motion

cither of the Side, by the fergence Forces. See Courserray of Million.

of Courter which its S. W. by Million is the

N. by Million is Million.

of Million.

o

This he argues from the Offing between the North and outh Foreignd, where it runs Tide and Half-Tide, i.s. it

is either Ebb or Flood in that Part of the Docust, three Hoers ere it is so off at Sea : A certain Sign, that the the Tide of Flood runs aloft, yet the Tide of Ebb runs underfoot, i. c. close by the Ground; and so at the Tide of Ebb it will flow under-foot.

This he confirms by an Experiment in the Baltic Sound, which he received from an able Seaman present at the making it: Being there, then, with one of the King's Frigares, they ir: Being there, then, with one of the King's Frigares, they went with their Pinnase into the Mid-Stream, and were carried violently by the Carrent. Soon after that they fank a Bafter with a large Cannon-Bullet, to a certain depth water, which gave check to the Boar's Motion; and fink-Water, which gave check to the Boars Anotion; and fink-ing it fill lower and lower, the Boat was driven shead to the Windward, against the apper Current: the Current aloft, not being above four or five Fathom deep. He ad-ded, that the lower the Basket was let down, the stronger the Under-Current was found.

the Under-Carrent was found. From this Principle, 'tis cafy to account for that wall Draught of Water continually pouring in with the Current out of the Adattic into the Mediterraness, throt Straights of Gibrather; a Paffage about 20 Miles broad; Straights of Gibrather;

yet without any sensible rifing of the Water along the Coasts of Barbary, &cc. or any overflowing of the Lands, which Of Barbery, &c. or any overflowing of the Lands, which there lie very low.

CURNICULUS, in our antient Writers, the Tear, or Curft of a Year. See Y z.a. The state of the amovement Dominics incarnationit quantum of the amovement Dominics incarnationit quantum Teams of the amovement of the state of the st

Allow of her aumorum Deminics incernation; qua-nut gainquagenis is quinquies, quinti luftyri & rishus can-cicults, i.e. the Year 10.8 for four times fifty makes rea bundeed, and five times two bundeed makes one thea-faul; fire Lafter are twenty five Years, and three Curreculi are three Years. jand is are three Yern, or COURRYING, a Method of preparing Leather, with Oil or Tallow; which raifes on the Hair, or Wook-lide, a kind of Grain, not unlike this of Morocco, Adeequin. Tho there is also a Kind of curried Leather.

without Grain. See Laaruse

chain Grilo. See Le Avyllea.

Greying is the half Perguration, and purs the Leather in Carriing to the half Perguration, and purs the Leather in Carriina to be un'd for Shoes, Saiddles, Harnefa, 2%. It is equily peculit of Sheep, Calif, and Cown-Stria.

The Colours given in Carryring, are, black, white, red, plows, and genera i'The other Colours are given by the Simons, who differ from the Carriers in this, That they give their Colours on the Diffic flact; is the Carriers on the

His inde.

Manner of currying in black, with the Grain.

Manner of currying in black, with the Grain.

Blacks there are four Cafes: Either the Skios are put in Tillow on both Sides, or Oil is su'd, in fice of Tillow, on the Fielf-fide; or Tillow is u'd alone on the Hair-fide, and arthing on the other; or Tillow is su'd on both Sides, and arthing on the other; or Tillow is su'd on both Sides, het no Grain rais'd.

to no Grain rais o.

The two first are us'd for Cows and Calves Leather; the
feemd is the only way used for Sheep; and the two last are
used occasionally for Cow and Bullock: For Calf and Sheep,

ulid occationally for Cow and Bullock: For Calf and Shees they ale Sumae on the Flesh-fide, which gives an Orange-calf For Neats-Skin in black; The Skin, coming from the Tan for Nosts-50th in back; the oath, coming from the tan-sor, is wet feveral times with a Broom, rell'd and trod underfoot to make it trachable, drain'd, and as much of the semining Flesh as possible taken off with the Knife; hung mining Frem as positive taken on with the day, and in the Air till half dry, then wet and trampled again, and

apin.

This does, 'tis rub'd over with a Pummed, or Call, having Nelse in smoore of Teech, to render it fill more plants; and single with Steve, to repete it fill more plants; and single with Steve, to repete it to receive the Tallous within its applied, bealing best, on both Soles.

Which is applied, bealing best, on both Soles.

Which is applied, bealing best, on both Soles.

Which is also within the sole of the sole of

a Table, and the Grain beat down with a first Iron Individual Sensi, drawn over it from place to place. The Grain Court of Grain Courgest Court of the Court of Grain Courgest Court of the Sensi of Grain Courgest Court of the Sensi of Grain Court of Grain, which was the Erfeld Grain Courter to Courte, and the Pummed drawn over it to car the Grain, which was the Erfeld Grain, but the Hall-field, then on the Erfeld Grain, the such as the Grain of Grain Courter of Grain, which was the Grain of Grain Courter of Grain

CASY-NAM, in black, is prepared much after the fame man-nes; tho begon differently. After wetting, taking off as such of the Flefh remaining as possible, and drying; they pounce the Flesh-fled with a hard rough Pounce Stee, which makes it more fmooth and gentle; then give the Corain with the Pummel, put in the Tallow; the reft as

Sheep-Skins, in black. What these have peculiar in their SNP, Sum, in bluck. What their have possible in their prejunction, it, it has the pare full fretted on a Tables operation that the pare full fretted on the Third sea the Boston, or Tan wherevoil they are leader; then the Boston, or Tan wherevoil they are leader; then the Boston, or Tan wherevoil they are leader; the the Boston of the Tammel; then blackly, tak Water Gueccel' out with the Paumel; then blackly, the Water Gueccel' out with the Paumel; then blackly, the Water Gueccel' out with the Paumel; then blackly, the Water Gueccel' out with the Paumel; then blackly, the Water Gueccel' out with the Paumel; then blackly, the Water Gueccel' out with the Paumel; then blackly, the Water Gueccel' out with the Paumel; the Blackly the Water Gueccel' out the Paumel; the Blackly the Water Gueccel' out the Paumel; the Blackly the Water Gueccel' out the Paumel the Blackly the Water Gueccel' out the Blackly the W

to Bullbocks Leather, differs a little in its rreparation from the firmer. The Skins being wer, trod, and pass'd under the Pammel, the Flesh is taken off; the rest as in the first Article: Observing, that the Tallow be applied on both

Sides as thick as possible: being now steep'd in Water, tred, fitzed, and black'd the first time; the second black is laid on, till the Hair fide be quite smooth. After receiving their two Lulkes, they are prefid between two Tables; without having plaited or solded 'em in any menore during

without having plaited or roaded 'em in any manner during the whole Preparation.

CURSITOR, an Officer or Clerk belonging to the Court of Chancery, who maketh out original Writs. See CHANCERY, and WRIT.

can, and Warr.

The are also called Cirrks of the Courge; and are 14 in Number are also called Cirrks of the Courge; and are 14 in Number are allowed leveral Stires; it which Shires hey make our enginal Writs as see by the Subject required. CURSOR, a Fixee, little Ruler, or Libel of Berti, directly and the Courge of the Courge of Cour

divided like a Line of Sines, and fliding in a Groove, or North, along the middle of acother Lubel, or Ruler, representation to the middle of acother Lubel, or Ruler, representation for the foreign and always at right Angles to it. It is uffed in the substantial of the substantial Common in also niced for a Point force of on the Beam-Compass, and may be moved, or flidden along the Beam thereof, for the thriking of greater or left Greice. See

CURTAILING, in the Manage, the Docking, or cutting

off a Horse's Tail. See Docking.

The Practice of Cartailing is no where in vogue so much

as in England; it being a popular Opinion, that the curting off the Tail renders the Horie's Chine or Back the fronger, and more able to bear Burdens : which from warranted by

Experience.
The Amperation is sfaslly made between the fourth and fifth Joins of the Tail's a Digature being fifth tyl digate did not be the control to the

to is usually border'd with a Parapet five Foot high; be-ind which the Soldiers stand to fire upon the Covert Way, and into the Most

Befiegers feldom carry on their Attacks against the Curis a because it is the best flanked of any Part. See FLANK, Du Cante derives the Word Curtain from the Latin Corne, quest miner Cortis, a little Country Court, inclos'd with Walls: He fays, it was in Imitation hereof, that they gave this Name to the Walls and Parapets of Cities, which inclode em like Courts: He adds, that the Cartains of Beds take

'em like Caurt: He adds, that the Carrarus of Beds take their Name from the fame Origin 4 the Carris was the Name of the General's, or Prince's Tent, and that those who guarded is were call'd Carrisons and Carrisons. CURTATE Different, in Advocamy, the Difference of the Plane's Place from the Sun, reduced to the Ecliptick; or, the Interval between the Sun, and that Font where a Perpendicular let fall from the Planet, meets with the Ecliptic. and DISTANCE.

See Flace, and Distance.
CURTATION, the Innerval between a Planet's Diffunct
from the Sun, and the Curtate Diffunce. See Planner.
From the preceding Article, 'tis city to find the Curtate
Diffunce; whence the minner of confirmiting Tables of
Cortations in obvious.

Cortations is obvious.
The Quantity of Inclination, Reduction, and Curration of a Finner, depending on the Argament of the Latitude & Kephy, in his Reducibly Parkly, reduces the Tables of 'em all into once, under the Title of Tabule Latitudinarie. CURTEST, Sec Courtast.

CURTESU. See COURTESU.
CURTICONE, in Geometry, a Cone whole top is cat
off by a Plane parallel to its Bufus, call'd also Transated
Cane. See Transcarte.
CURVATURE of a Line, is its Bending, or Flexure;
whereby it becomes a Carve, of fach peculiar Properties.

See Link, and Cunve. Thus, the Curvature of the Circle is such, as that all Points of the Periphery are equally distant from one Point within, called the Centre.

The Curvatures of different Circles, are to one another

reciprocally as their Radii. See Circ.r..
CURVE, in Geometry, a Line, wherein the feveral
Points it confifts of tend feveral ways, or are posted towards

Points it commis on the location ways, or and professional different Quarters. See Line.

In this Senie, the Word is used in opposition to a strait
Line; whose several Points are posited towards the same

Hence, Figures terminated with Lines of the first Property, are called Curvilinear Figures; in opposition to those termi-nated with the latter, call'd Relititiear Figure. See Rec-

THINEAR, and FIGURE.

The Doctrine of Curves, and of the Figures and Solids generated from them, constitute what we call the Higher

Geometry. Scc Geometry.
In a Curve, the Line AD, (Tab. Geometry, Fig. 51.)
biffefting the parallel Lines MM, is call'd the Diameter:

If the Lines be equidifiant, and it cut 'em at right Angles, it is call'd the Arts; and the Point A, whence the Diameter is drawn, is call'd the Vertex. See DIAMETER, ARIS, and VERTER

The equidifiant Lines M M are call'd Ordinates, or Applicates; and their Halves, P M, Semiordenates. See On-DINATE, and SEMICADINATE.

The Portion of the Diameter A.P., between the Vertex, or other fix'd Point, and an Ordinate, is call'd the Aprife.

Sco Auscissa. And the Concourse of all the Diameters, the Centre. See

CENTRE.

CANYAS.

Chross are diffinguished into Algebraic, frequently with
Des Cartes call'd Geometrical; and Transformémata, culied
by the firme Cartes, &c. Mechanical Cartes.
Algebraical Curves, are those wherein the Relation of
the Abbellet AP, AP, AP, to the Semborilantes MP,
MP, MP, may be captered by an Algebraical Equation. MP, MP, may See Equation.

See Equation.

Suppole, v. g. in a Circle, (Fig. 52.) A B = s, A P = s, P M = y; then will P B = s - s; confequently, as P M = y, then will M C = s - s - s.

By; then will M C = P C = P M; that is, s' - s' = s'.

Note, Thole are also call'd Agebraic Grover, which are

Note, Inoce are also call'd Augustase Carrest, which are of a determinate Order 5, 6, as that the Equation always continues the same in the several Points of the Carres. Most Anthon, after Des Carres, call Algebraic Carrest, Geometrical ones 5 as admitting none effe into the Conflict-Geometrical once 3 as admitting none cilc into the Construc-tion of Problems; nor, configurately, into Geometry. But Walfas, from Sir J. Neuten, and M. Leibnitz, is of sno-ther Opinion; and thinks, that in the Centraction of a Problem, one Curve is not to be preferred to another, for its being defined by a more fumple Equation, but for its being more cally delictible. See Programs.

A Transcendental Cunve, is that which can't be defin'd

A Yrangendental Curave, is that which ear or ectina dy an Algebraic Equation.

There Curver, Der Curver, &c. call Mechanical one 5 and under this Notion exclude em out of Geometry: Bar Newton and Leibnite, for the Reason abovementioed, are of another Opinion. Indeed, Leibnite has found a new Kind of Equations, which he calls Transferndental Epuatrions; whereby even Transferndental Curves, and those which are not of any determinate Order, i. e. which don't continue the same in all the Poiets of the Carve, may be

continue the lattic in all the founds of the Carres, may be defind. All Problet. Life A. 1682, p. 23+
Allebraic Cravzes of the fame kind or Order, see those whole Equations rife to the fame Dimension. See Onders.
Geometrical Lines being defined by the Relation between the Ordinares and Abstilite, or (which is the fame, by the Number of Points wherein they may be cut by a right Line) are well diffinguished into two Knds or Orders: In which view, Lines of the first Order will be right Lines; and those of the second or quadratic Order will be Carrest, via. Conic

Scttions.

Sections, A Curve of the first Kind is the fame with a Line of the fecond, (a right Line not being number'd smooth correct) and a Curve of the fecond Kind, the fame with a Line of the third. Thus, Curves of the first Kind, are those whole Equation rife to two Dimensions; if they rife to there, the Curves are of the fecond Kind, it to boar, of the third, Oc.

Thus, e.g. the Equation for a Circle is, $y^* = ax - x^*$, $a^* - x^* = y^*$. A Circle, therefore, is a Curve of the first Kind.

Again, a Curve of the first Kind, is that defined by the Equation ax = y'; and a Curve of the seemed Kind, that defined by the Equation a'x=y'. See Ciacux.

For the various Curves of the first Kind, and their Preperties, for Conic Section.

For Curves of the second Kind, Six I. Newton has a dif-tind Treatife, under the Title of Enumeratio linearum ter-

Curves of the second and other higher Kinds, he observes, Thus, as the Comic Softiers have Diameters and Axes; the Lines cut or biffected by thefe, are call'd Ordinates; and the Interfection of the Curve and Diameter, the Vertex: So, in Curves of the second Kind, any two parallel right Lines be-Carrier of the person Kinn, any two paramet right Lines of-ing drawn fo as to meet the Carrie in three Points; a right Line cutting these Parallels, so, as that the Sam of the two Parts between the Secant and the Carrier on one fide, is equal to the third Part terminated by the Carrier on the other fide, will cut, in the same manner, all other right Lines parallel to these, and that meet the Carrie is three Points, i. c. so, as that the Sum of the two Parts on one fide, will

r.e. to, as that the burn of the two farts on one fide, will be fill equal to the third fart on the other fide.

Thefe three Parts, therefore, thus equal, may be called Ordinates, or Applicates; the Scenar the Deameter; and where it cut the Ordinates at right Angles, the Aus; The Interfection of the Diameter and the Curve, the Vertex; and the Concourse of the two Diameters, the Centre; and the Concourse of all the Diameters, the General Centre. Again, as a Hyperhola of the first Kind has two Alympetones; that of rhe strood has three, that of the chird four, \$\frac{1}{2}\$ can all as the Parts of any right Line between the Court Hyperhola and its two Alympitones are egged an either fides, \$\frac{1}{2}\$ in Hyperholas of the second Kind, any right Line earling the Curve and its three Alympitum in three Points; \$\frac{1}{2}\$ and \$\frac{1}{2}\$ three and \$\frac{1}{2}\$ three Alympitum in three Points; the Sum of the two Parts of that right Line, extended from any two Alymptotes the fame way to two Points of the Carree, is equal to the third Part, extended from the third Afymptote, the contrary way to the third Point of the Carree See Asymptote, Hyperbols, &c.

Again, as in other Conic Scelions, not parabolical, the Square of the Ordinate, i.e. the Redsugle of the Ordi-nates, drawn to contrary Paras of the Diameter, is to the Rechangle of the Parts of the Diameter terminated at the Nectaggle of the James of Hyperbola, as a given Line, call'd the Latus Refinm, is to that Part of the Diameter which lies between the Vertices, and is call'd the Latus Transfer. from: So, in Carees of the ferond Kind, not perabolical, the Parallelopiped under the three Ordinates, is to the Farallelopiped under the Parts of the Diameter cut off at the Ordinates and the three Vertices of the Figure, in a given Ratio: wherein, if there be taken three right Lines at the three Parts of the Diameter plac'd between the Vertices of three Farts of the Diameter plac'd between the Vertices of the Figure, each to each; then those three right Lines may be call'd the Latera Relia of the Figure, and the Parts of the Diameter between the Vertices, the Latera Transperge, And, as in a Contel Parashols, which has only one-Vertex to one and the time Diameter, the Rectangle under the Collegent in court for the Medicangle under the

Ordinates, is equal to the Rectangle under the Part of the Diameter cat off at the Ordinates and Vertex, and a given right Line call'd the Latus Rectaum: So, in Curves of the right Little Carl of the Lining Rections 200, in Carrier of the factorid Kind, which have only two Vertices to the fame Dia-meter; the Parallelopiped under three Ordinates, is equal to the Parallelopiped under two Parts of the Diameter cut

esch in three Points; the Parallelopiped of the Parts of the first, will be to that of the Parts of the second, as that of

nin, will be to that of the farts of the fection, as fint of the fection of the Parts of the fourth. See Strevious, Lastly, the Legs of Carrers, both of the first, focused, and sigher Kinds, are either of the Parabolic or Hyperbolic Kinds, are there of the Parabolic or Hyperbolic Kinds, and Hyperbolic Legs, being that which approaches finditely cowards form of Kymprotocy a Parabolic, that which

infinitely ownered from A figuracous a Parabolic, that which have a Affrance or See A strate rows:

See A strate rows:

In the Point of Committee of the an infinite Dilinace, the Tragement of the Myretoble Leg., will canciled with the A-figurace and that of the Parabolic Leg, recode, infinitely, and vanish. The Affrances character, of any Leg, is and vanish. The Affrances character, of any Leg, is by dilinacy and vanish. The Affrances character, of any Leg, is found by decided the Affrance of a right Line parallel to the Tragent, when the Points of Control is infinitely remote is for this Line versal facilities was voward which the infinite Leg, is described for the result and the second and the result of the Tragent Control in Infinite Leg as the could held inter was voward which the infinite Leg as the

Reduction of Cunves of the Second Kind.

Set I. Neverse of very set of the forest Kind.

Set I. Neverse reduces all Correct of the feeted Kind to four Cofes of Equation. In the first, the Relation between the four cofes of Equation Set of Cofficients, a filter than the first $p_1 + p_2 + p_3 + p_4 + p_4$

Enumeration of the Cunves of the second Kind.

Under these four Cases, the same Author brings a vast Number of different Forms of Carves, to which he gives different Names

different Nimes.

A Hyperhol lying wholly in the Angle of the Afpro-sors, life a Coefe Hyperhols, he calls an InterNed Hyper-bals; that which some the Afpropress, and coensis the chair of the Wholly of the Coefficient of the Coefficient Angle of the Coefficient of the printer of the Coefficient of the Coefficient of the Coefficient of the printer of the Coefficient of t Conjugate

CUR

(361)

CUR

Conjugate a code, O conjerva y that which remaining around the cost is fin. Noticeta's that whole two Para concers in the cost is fin. Noticeta's that whole two Para concers in the affect of Conserta, and there terminates, Conjudents of the conjugate is oral, and infinitely feasil, i.e. a Peint, sprintly and that which from the Insorbibility of it is two Rosei, is without either Oral, Node, Cafe, or Point power. Rosei, is without either Oral, Node, Cafe, or Point power had in the film enumer he decominates a Parabole, to be enemyting, interpring, enuforum, der. Where the Number of Etyperibole Logo, second that of the Contil Physichols. Logo, second that of the Contil Physichols. of Hyperbone Logs, exceeds that of the (

to approximate the Hoperbole resistance.

Now, the various Cervan which he canamerates under the current Cervan which he canamerates under the control of the current control of the current control of the current strength, without Diameters, having these Argenting for three Hyperboles, one inprinted, under enuiryanal, with an Oral's the food Notified, the third Diagland is the Good Notified, in the third Diagland in the Good Hoperboles the third Diagland in the Good Hoperboles and food Power's the Half Angelment.

Ordeform; the latt Anguineal.
There are 1s retainment Hyperbolas, having only one planeter: The first Oved, the second Nodated, the third Ordeford, the fourth Painted, the fifth, fisch, seventh, and eighth, Ture; the ninth and teath Crusiform; the direct and twelfth Controlled. Two are redundant Hyperbolas with three Diameter

"you are redundant Hyperbolas with three Distancers. She are redundant Hyperbolas, with three Adympotes contriging to a common Point; the first formed of the first and first redundant Parabelas, whole Adympotes in-cides Triangle; the fectord, of the feventh and eighth; the third and bourth, of the righth; the fifth is formed of sie fifth and feventh of the redundant Hyperbolas, with one Dimmert; the first, of the first hand feventh; the feventh, the first hand feventh of the first hand feventh; the feventh, Diameter; the fixth, of the fixth and feventh; the feventh, of the eighth and ninth; the eighth, of the tenth and elertich; the ninth, of the twelfth and thirteenth: All which Casvoficas are effected, by diffinguishing the Triangle comprehended between the Afymptotes, till it vanish into a

hist Se are defective Parabolas, having no Diameters: The 14 Donal, the focosal Nutated, the third Conjulated, at the 15 Donal, the focosal Nutated, the third Conjulated, the Serve are defective Hyperbolas, having Diameters: The serve are defective Hyperbolas, having Diameters: The defect of the Conful Andread, which is the Collided of the Access; the fifth and fault, Pariends; the foresth Pare. Sewer are Parabolas Hyperbolas, having Diameters: The 16th Ontology, the focosal Nutated, the third Colpilated, whe third Colpilated, the first Parabolas for the Coulders, the Coulders, the Sewer Parabolas of the Parabolas of the Coulders, the Coulders of Secreta Accuincage

Four are Parabolic Hyperholas. Four are Hyperbolifms of the Hyperbola. Three Hyperholas of the Elliphia. Two Hyperbolims of the Parabola.

Hiperbolisms of the Parabolas; one, a Trident; the fe-live are diverging Parabolas; one, a Trident; the fe-col Ocal, the third Nodated, the fourth Pointed, the fifth Olyhated; (this is Nost's Parabola, sinally called the Se-sawite Parabola; of the fixth, Pare. Lafly, one commonly call'd the Cabic Parabola;

Organical Description of these Cunves,

st, if two Angles gives in Magnisac, PAD, PBD, Ibb. Analytic, 18 pt. 19 pt. 19

sile.

Sile. Now, If the Lega, A.P., B.P. by their Poise of Counts, F. than deferible a Count Section patting they one of the Legal A.P. by their Poise of Counts, F. than deferible a Count Section patting they one of the Count Section (All Counts). The Counts of the Count Section (All Counts) and the Counts of the Count Section (Legal A.P. a.P. a, walls, 1988, they the Counts of the Coun

Points in the Poles A and B.

Coast in the Foles A and B.

With regard to double Points of Corves: We have observed
that Curves of the second Kind may be cut by a right
than in those Points: Now two of these sometimes coincide, v.g. when the right Line passes they as infinitely
small Oral 3 or the's the Concourse of two Parss of a Curve,
Semullic curries are about an auting in a Case. Some

Point; as in Ordinates of the Cartefism and Cabit Park-bols, &c. In which Cafe, we must conceive the right Lines pating thro' two other Points of a Carve, placed, as it were, at an infinite diffrance: Now these coincident Interfec-tions, whether at a finite or infinite Diffrance, make what we call double Point

Genefic of Cunves of the second Order by Shadows

if the Shadows of Figures be projected on an infinite Plane, illumined by a lucid Point; the Shadows of Conic Sections; thois of Carres of the fecond Kind, will be Carres of the fecond Kind, will be Carres of the fecond Kind; the third Kind, Curves of the third Kind, 85c

the third Kind, Curves of the third Kind, &c.
And as a Curve, in projecting a Shadow, generates all the
Conic Sections 4 to, the five diverging Parabolas, with their
Shadows, generate and exhibit all other Curves of the fecond Kind.

cond Kind.

And in this manner may a Train of the fimple Curves of other Kinds be found, which shall form all the other Curves of the fame Kind, by their Shadows projected from a lucid Point upon a Plane

Description of Corves of the second Order, having double Points.

P, Q, R, S.
Thro' these four Points, and the fifth A, describe a Con
Section; and let the foremention'd Angles C A B, C B A. revolve, as that the Point of Concourse of the Legs A B, B A, may pass over that Conic Section; and the Concourse of the other Legs A C, B C, will describe the proposed Curve.

Ule of these Cunves in the Construction of Equations, The use of Curves in Geometry, is by means of the In-

sufficient hierof, in Civir Policient, See Cours accruss, Supples, ϕ_{i} , as Equation to be contributed of since b_{ij} of Supples, ϕ_{ij} , as Equation to be contributed of since b_{ij} is sufficient as $x_i + b_x + b_x$ cal Parabola once

cal Parabola once.

If the Equation to be confinded, by omitting the two last Terms Is a said, b, be reduced on Green Dimensions, the last Terms Is a said, b, be reduced in Green Dimensions, by Green's Gree

CATION of Curion

CATION of CHTME.

**Read artists of a CURVE, the finding of the Area, or
Space included by a CHTME; or the stiligning of a Square
cqualt to a CHTME; See QUADATURE.

**Finning of CURVES, is an Afficables; of firered CHTME;
of different Kinds, all defined by the fame Equation of an
indeterminant Degree; but differently, according to the

Divertity of Kind.

Diverfity of Kind.

E. g. Suppose an Equation of an indeterminate Degree,

g = -1 x = y = . If y = y = , then will x x = y + if y = -1,

then will x = y = y + if y = -1,

then will x = y = y + if y = -1,

then which Correct are faid to be of the fame Family, or Tribe.

The Equations whereby the Families of Correct are

defined, are not to be consumeded with the Transferendents

the defined are not to be consumeded with the Transferendents

the defined are not to be consumeded with the Transferendents

The definition of the consumeded with the Transference of th defanced, are not to be confounded with the Transferendental cones: For the, with regard to the whole Tamily, they be of an indeterminate degree, yet, with refined to each forward Corrae out of the Family, they are determinate; whereas transferedent Equations are of an indefinite Degree, with refined to the fame Corree.

the grown count 1 Now two of their formations con-pensation of the control of the control of the country of th

of the Abdidite and Semigedianse into the given Conflicted and Equations may be required to minding (e.g. if x = xy') them they to x = xy' = y'' = y'' the Equation of this Equation for this Equation for the Equation of this is part and Conflicted and Conflicted

CONCHOID, Sc. CURVET, in the Manage. See COURVET, are Spaces CURVET, in the Manage. Geometry, are Spaces bounded by renoved Lines; as the Circle, Ellipfin, Spherical Triangle, Sc. See Cunva, and From Ellipfin, Spherical Triangle, Sc. See Cunva, and From Enquiry, and Ivery Scar, whereon certain of the Remain Magistaness had a

The Curule Magishates were the Ediles, Przetors, Cen-

The Senators who had bore these Charges, were carried to the Senate on Curule Chairs; as also those who triumph'd:

to the Senate on Curruit Cherr; as also these who mumph or the Chair being fitted into a kind of Chariot, Currui; whence Curruit. See "Exymets. The Curruit Cheir is used on Medals, to experts a Curruit Magilitacy: When travers d by a Hasla, 'its the Symbol of Jens, and serves to experts the Conferenciation of Frincettes.

Jame, and ferves to express the Conferration of Princence, CUSP, Culpit, properly denotes the Point of a Spoint It is particularly us of a Attronomy, to express the Points or Horns of the Moon, or other Luminary. See Moon,

or Horius of the Moon, or other Liminusty. See Moose, Landaudier, See Moose, Carlotte, See Moose, In Altrology, Gulp in add for the first Blant of the twelve Landaudier, See Moose, See See See See See See CUSPIDATED, in Beauty, it when the Leaves of a Flower code in a Culp, or Point, refembling that of a Spear, CUSPIDATED Hylprinds, Kee See Hyrea Root, CUSPIDATED Hylprinds, see See Hyrea Root, CUSPIDATED with the Moore See See See See See White for the admitting, or removing of Guardians. See

GUARDIAN. CUSTODES Libertatis Anglia, anaboritate Parliamenti, was the Style or Title in which Writs, and other Judicial Proceedings, did run in the Rump Time; that is, from the Death of King Charles I. till Oliver was declared Protec-

cor. U.c.

CUSTOM, the Manners, Ceremenics, or Ways of living
of a People, which is rime have turn'd thus Habitude, and
y Ufige, Owtain'd the Force of Laws. So: Law.

In this Senie, Coffees implies Things that were as full
ways. In the Senie, Coffees implies Things that were as full
ways. In the Senie, Coffees implies Things that were as full
ways. In the Senies of Senies of Senies and Senies of Senies

In the Senies of Senies of Senies of Senies of Senies

Thus, Wash Gutter Guiniste Mac Coffees. See Fig. c. 139,
due because they have paid in no Coffees. See Fig. c. 139,
the Wash Gutter Guiniste Mac design of mat doing certain

due because they have pass'd inso Content. See Fes.

The Word further fignifies the doing or not doing certain
Things, introduc'd by the greatest Part of the People of a
Country, or Province: If there be nothing evil in such Coptom, it obliges, till it be either absorpted by a contrary Coptom, it obliges, till it be either absorpted by a contrary Copzem, or a Law.

rom, or a Law.

For a Couffess thus cflabifh'd to have the Force of a Law,

'is necessary, ordinarily, that it be founded on some natural

Equity, or some considerable Good 3 and that it have shipfilled nitra strategmen; but, as this is hard to prove, 'in sufficient if two or more Witnesses depose they heard their

Fathers say the Same of their Time. If it be Matter of Record, the Continuance of 100 Years is sufficient. See Record.

is infificent. Dec REGORD.

The Effect of a Cuffour thus circumfinantiated, is, that it has the fame Force and Authority as a Law; making what we call Lew mon feriples; and that in popular States and limited Monarchies, it errors to interpret the written Laws; for in abbolute Monarchies, it is the King alone has

Laws: for in absolute Monarchics, 'is the King alone has the Power of interpercing Laws. Hence, the Word Culfons is fill retain'd, and ferres to express the particular Rights and Municipal Laws effablish'd by Ulage in particular Provinces, &c. after they are redu-

ced into written Laws.

In this Scafe, most of the Common Law of England is

IN ture occue, most of the Common Law of England in Lew mos feriples & being originally no more than the Capital of our Forefathers. See Common Lew. Lew mos friples, in this Scule, is used in opposition to Statutes or AdS of Parliament; which commence Laws at once. See Statuts.

once. See Syarviz.

Geord dilinguishes Cultum from Prefeription, in that the Corest dilinguishes Cultum from Prefeription, in that the Marchael Community of the Community of th

Places of France; where they have no Provisions contrary

The Romans were governed by Cufforns, or unwritted Laws, after the Expalion of their Kings. See Civil Live. Cofer observes, that the Grant had their Cufforns, which they confantly retained; and that it was impossible for the Romans to governe me by any other Laws 1 So that it was only the Provinces bendering on Easly that received the Romen Laws. Cos roms, in Commerce, the Dues, Duties, or Tolls, paid by Merchants to the King, for carrying out, and bringing in of Merchandizes. See Experanation, and large.

TATION

The Coffess: of Goods exported and imported, throughout England, amount yearly to 130000 Pounds; whereof these of the Port of London make a third part. See Coss-

shehe er me rere et Lennen mate a ment part. See Cass.

The Calforn in England an very connectou, and very
high je bywed what any other trading Nation known, i The
principal are Duries of Timings and Poundage, which are
principal are Duries of Timings and Poundage, which are
the statement of th

DUTY.

CRESTON-HEARS, an Office effablished on the Frontiers of a State, or in fome chief City, for the Receit of the Consums and Duties of Importation and Exportation 3 imposed on Merchandites, by the Authority of the Prince, and regulated by Tariffs, or Books of Rates. See Currons, and Durens

There are feveral Cuffom-bonfes in the feveral Ports of England: The most confiderable is that of London. It is under the Direction of feven Commissioners appointed by Patent; who have the Charge and Management of

ed by ratent; who have the Charge and Management of all the Culpous (the Petry-Farms alone excepted) in all the Ports of England. See Commissioner. Other Officers are, a Secretary, Sollicitor, Receiver-Ge-neral, Comparaller of the Iflues and Payments of the Re-

neral, Compreher of the Ittues and raymons of the ne-ceiver-General; Compreher General; Infection of the Out-Port Collectors Accompts; Infection General of the Exports and Imports, Register General of all Ships of Great-Piri-tains; Surveyor General; Surveyor of the Out-Ports, and Register of the Sciences; all holding their Places by Pa-rents; with other infectior Officers, appeared by Warrant

tents: with other inferior Officers, appointed by Warraut from the Lead High Treasurer.

CUSTOMAR! Tenunts, Coffirmarii, vel Tenents: for confinetationem; a zo fuch Tenants as hold by the Cuffoun of the Manor as their frecial Evidence. See Manors.

These were amiently Bondonce, or those that held Tenors and the were amiently Bondonce, or those that held Tenors and the Manora as the Manora as

Bondagii.—Et oumet illi qui tenucrint in Bondagii tenura, folebant vocari Cultumarii. MS. de Confuetud. Man. de

Brindgri.— It distinct its qui remorirui in Bendegii teurus, Richard veziri Cultimarii. Mã. de Confluenti. Man. de Songueri Mên. de senso 3 Edw. II. Man. de Songueri Cultimarii. Mão de Songueri Common Pieta y whole Office to conjective, and keep all the Wrist, and pur 'em upon Files, every feet and keep all the Wrist, and pur 'em upon Files, every feet and tech full and at the Ind of every Term to receive of the Prehabose taires all the Records of the Nof print, call'd the Pofice. See Waxxx, and Posyza.

See Warr, and Postra.

The Writs are first brought in by the Clerks of Affice of every County to the Prothocotary who enter'd the lifue in that Matter, to enter Judgment. Four Days after the Return, the Prothocotary enters the Verdit', and Judgment thereupon, into the Rolls of the Court; and then delives

thereupon, into the Rolls of the Court; and then delives them over to the Capter Errorium;. He also makes Entry of the Writs of Covenant, and the Concard upon every Fire; and makes Copies and Exempti-fications of all Writs and Records in his Office, and of all writs and Records in Comparison, and of which the verse the Capte Sincs, when camprofied, are divided by verse the Capte Sincs, when camprofied are divided by the Capter of the Capter of the Write Since keeping the Writ of Courts and the Note, the latter the

keeping the Writ of Covenant and the Note, the latter the Concord, and Foot of the Fine. See CHIRROR APPIRE. In the Court of the King b-Beach, there is likewiff a Caples Brevous 6F Rotations, who litch that Writ as are there used to be fited, and all Warraum of Attorney; and the standards on the Standards of Notify print, and the standards of the Court o

Reculorum.

Cusvos Resolvens, is he that hath the Cuffody of the Rolls, or Records of the Seffions of Peace; and fome fay, of the Commiffions of Peace it felf. See Peace.

He is always a Julisco of Peace, and Saurum, in the Domry where he hash his Office; and by his Office is re-ther a Minister textured World, I made no committion of the Peace, the street World, I made have been a pro-on him, Sindicaments pradellar coram to \$5 delta; their groups, in the property of the peace of the peace prooffing. Faith of the peace of the peace prooffing. Faith of the peace of the peace prooffing. Faith of the peace of the peace to the peace of the peace of the peace prooffing. Faith of the peace prooffing. Faith of the peace prooffing. Faith of the peace to the peace of the peace prooffing. Faith of the peace prooffing. Faith of the peace prooffing faith of the peace prooffing. Faith of the peace prooffing faith of the peace prooffing faith of the peace peace prooffing. Faith of the peace peace prooffing faith of the peace peace

on unit.

Frequency of the second of the sec

Solidatikal Janidatton in any Diocete, daring the Vacassy of the See. So Diocetas, belong to the Dean and Chapter of the See and S

who, as a Steward of the Goods and Profits, was to give an ecount to the Ekchestor, and he into the Ekchestor.

His Theft continued till the Vacancy was furphy'd by a Success, who obtained the King's Witt de Kestisuations; which was commonly after Conferration, but functions better.

In the Canon Law, we meet with a Custodi mes, i.e. a Name of fome other, to collect the Fruits thereof and is to

make a Resignation whenever demanded mike a Refignation whenever demanded. CUT a Fashber, in the Sea Language, is when a well-bu'd Ship to fwiftly preffer the Water, that it feems before bet.—To Cut the Sail, is to unfuel it, and let it fall down. Cert-Water, the Sharpuels of a Ship, which is under the

Best-head.

CUTANEOUS, formething that concerns the Skin; whother in the way of Diffemper, or Remedy. See Currs.

Thus, we fay, Cutaneous Eruptions 2 the Itch is a Cuta-

rem Difeafe

The Word is form'd of the Latin Casis, Skin. CUTICULA, Casicle, in Anatomy, a thin pellucid Mem-bane, void of Senfe; ferving as a Cover to the Casis or See Curis.

The Cuticula is that first and outermost Covering of the Body, call'd alfa Epidermis, but more commonly the Scarf-Skin; or that foft Tegument which rifes in a Bliffer upon a

Sun; or that lost legument which rices in a Bitter upon a Bem, or the Application of a Cautery. It flicks clofe to the Surface of the Cutis, or true Skin, to which it is also tied by the Veffels that nourish it; the shefe ge fo small as not to be frem.

age followed as not to be been. When examind by a Microscope, it appears to confift of ferral Lays of exceeding finall Scales, which cover one sonher, more or lefs, according to its different thickness, in the feveral Parts of the Body; and in the Lips, where the Scales appear plained because the Skin is thimself, they de little more than barely touch.

These Scales are either the exerctory Ducks of the Glands of the Guits; as is the Case apparently in Fishes; or else the Glands have their Tubes, opening between the Scales. See MILLIARY Gland.

See MILLIANY Gland.

Lewewhork reckloss, that in one cutionlar Scale there may be yoo excretory DuEch; and that a Grain of Sand will sover a Scales: o that one Grain of Sand will move a task of Yores or Orifices, they which we daily perfyire. See Prassrantynos, and Foraz.

Ict, notwithHanding the exceeding Poontry of the Cutionity, it objected a great Fart of the knows which

cold, it oblirects a great fart of the teroes Humoner survived or the Castis; as is evident from that plentiful Difcharge confequent on the Application of a Blifter, or other Accident, whereby the Carticulus is removed, and the Castis bared. See Vest-

The Scales are often glu'd together by the groffer Parts of our infentible Transpiration hardening upon 'em by the heat of the Body, which carries off the more volatile Particles; and in this confifts that Indiffosition we popularly call a Cold.

The Humour which is thenceforward leparated by the

Glands of the Skin, being pent in between the Scales, canfeth frequent itching; and where the Matter has been long pent up, small Pimples, and other Foulteffes: for removing quent rubbing, washing, or bathing. See Lepassy.

Some imagine the Carrele form d from the groffer Parts

Some imagine the Casticle form'd from the gendler Farse of the excernentitions forms through, eliminated they the Dates of the Cutin, and condend on the Surface, life the Pellice which appears upon Evaporation on the Surface of the Serum of the Blood: But Lementhouse, with more Probability, takes it to be from an Expansion of the Esteroistic of the Casticle of the Casticle of the Size.

Its use is to defend the Nerves of the Catis, which are the Origin of the Senie of Feeling, from the Injuries of rough and hard Bodies, as well as the Air: for either of rough and hard Bodies, as well as the Air for either or those would make too exquisite and painful an Impedion on the naked Nerves; or the Air would dry them, to as that they would be less fusceptible of the micer Touches of Pleasure. See Farling.

Rielaws, and feweral others, maintain that the Cuticulis of Women has no Peres: Malinette argues the contrary from their Sweating; but maintains, withal, that this is true of Dogs and Cars, which never fweat, how much foever fatimed See Swear

the Season.

CUITS, in Anany, rie dzin; a Recicium Plens, a Body of Vetfeli, immediate padec the Curtice, for Season Season, and Correctan.

The Curtice of Western Season Season

Steen, is sormed our of the Productions of the Lendons of the full cubjacent Parts: which terminate in an infinite Number of pyramidal Papille, interwoven with innumerable nervous Fibres, and other Verficles, forming what we call a Parenchymas. See Paraneuvers

rms. See Parine HYMA.

Tis by means hereof that the Casis becomes the Organ The Dy metris acrees that the Cutts becomes the Organ
of Feeling. See Pynamidalis Papille.
The Cutts is senerally connected to the fubicions Parts by

The Cast is generally consciled to the fubicions Parts by the Mandroon Addition, and in purper Velfich, the Velon, Artecon, Norve, Ge. In Ufe, is to wap up and cover the Perference and to the the Studies for the Mandroon Perference and to the the Studies for the Studies of Parts Transport, Flexible, See Capts of Technique Cast, Flexible, See Capts of Studies of the Cast of the Cast of the Capts of the Capts of the Cast of the Capts of the Capt

CUTTING, a Term us'd in various Senfes, and various

CUTING, a Term utd in various Senics, and various Area, is the Research, it implies a Division or Separation.
Cuttrues is and in Heraldry, where the Shield is division of Separation and the Holeson, or in the Felici-way. Sec Coursa.
The Word is also applied to the Honourable Ordinates, and Verseland, and Morseland, when they are divisided even to Asimala, and Morseland, when they are divisided of the Honourable Ordinates and even to Asimala, and Morseland, when they come flow that the Colour, the other Metal. The Ordinates are also failed to be extra graped, when they come full to the Extremities of the art, supple, when they come full to the Extremities of the Shield

the Shield.

Corrasso, Litholousy, in Chiespery, the Operation of cerusling the Sone out of the Bindeir. Sone Souss. Continue to the Bindeir. Sone Souss. In the Hune of Highporarist, the was perfectly in the dark as to the manner in which they perform it is. It was, bowever, wholly diffic lit the alter-keys; informach, that other sone was to be a sone of the sone

who had the Stone in the Bladder: the Operation tacced-ing, the Pradicio became popular.

There are three principal Ways of performing the Ope-ration; the Appearatus morn, Apparatus major, and Appa-ratus alsus; or the low, lateral, and high Operation. The Method of performing each, for under the Article Lavino-

TOME.

THE SET AND THE SET OF THE

a little hollow, reprefenting a Mortar; the other a Peffel.

The Metal being put between the two, is cut out in the

anner describ'd.

manner dekrib'd.

Nite, Medallinni, where the Relievo is to be great, are not ear, but cash, or moulded. See Madal.

Cotting, in the Manuge, is when the Horfe's Feet interfers; or when with the Shoo of one Foot he beats off the Shio from the pathern Joint of another Foot. See Intera-

PERING.

FIRING.

This is more frequent in the bind Feet than the fore:
The Causes are either Westness, Weskness in the Reins,
not knowing how to go, or ill fluoring.

CUTTING, in Fainting, the laying one frong lirely Colear over another, without any Shade or Softening. See Co-

LOWRING.

The Casting of Colours has always a difigurcable Effect.
CUTTING as Wood, a particular Kind of Sculpure, or
company of Secondarian to the Matter wherein it is
compleyed. See Bennary Purpoles as for initial or figured
Letters, Head and Tail-prices of Books 3 and oven for LOURING.

Schemes and other Figures to fave the Expenses of engaving on Copper: and for Prints, and Stamps, for Paper, Callicox, Linens, Ed., See Patrers10s.

The Invention of Conting in Wood, as well as that in Copper, is a stribed to a Coldinative of Fiveness; by the visit on Abert Durrer, and Lauss, they are both owing for their Performances.

One Higg de Carpli invented a mauner of Castring in Wood, by means whereof, the Prints appear d as if painned in Clais-ing the Castring of the Castring of the Castring of Storage for the fame Defigus; which were drawn, after one un-ther, throw the Freis for the fame Print: The Castring ducked, as that one fer'd for the grand Lights, a lees and the Demi-Telluts, and a third for the Destitute, and the deep Shadows.
The Art of Cutting in Wood, was certainly carried to a

The Art of Catting in Ward, was certainly carried to a very great Pich about 150. Years ago, and might seem to five Beauty and Judined, with that of engarring in a present production of the pich and provided and the picked, and the Application of Artilla whally employed on Copper, as the more casty and promitting Province: Not between the production of the Pich was offered from the Copper on many Accounts, chiefly the Figures and Dowless Interface of the Pich and Pic as the Letters; whereas, for the other, there is requir'd a

as the Letters; whereas, for the other, there is required a particular Impelifion.

The Catters in Wood begin with prepring a Plank or Block, of the fine and thickness required, and over even and fineoth on the Side to be car: for this, they uffally take Pear-Tree, or Box; the the latter is the beff, as being the coloid, and leaft liable to be warm-esten.

On this Black they make their Defign with a Pen, or Pen On this Block they make their Denga with a Fen, or Pen, i, juft as they would have it printed. Those who can't make their own Defign, as many there are cannot, make use of a Defign famish? of m by another; faithening it spon the Block with Pathe of Elower and Water, with a little with Pathe of Elower and Water, with a little

Vinegar; the Strokes or Lines turn'd towards the Wood Vinegar; the Strokes or Lines turn'd rowards the Wood.
When the Paper is dry, they wash it gently orce with
a Sponge dip'd in Water; which done, they take off the Paper by little and little, fill! rubbing it a little first, with the
Tip of the Finger; till at length there be nothing left on
the Block, but the Strokes of Ink that form the Defign,
which would one for much of a Block. which mark out fo much of the Block as is to be spared, or left ftanding.

The reft they est off, and take away very curiously with the Points of fine sharp Knives, or little Childels, or Graven, according to the Bigness or Delicacy of the Work; for they

need no other Infruments

The control of the co

CYCLE, in Chronology, Circle; a certain Period, or Se-ries of Numbers, proceeding orderly from first to last, and recurring again from last to first; successively, and without

role of Switzberg Perceived general from the set on any case in memory and the set of th

Frace of the CAVI Calendar. See CALENDAR.
Such is the Hamous Cycle of 19 Tears, call'd also the
CYCLE of the Moon, or Lawar CYCLE, a Period of 19
Luntr Years, and Even Intercalary Months; conditions
19 Solar Years: in which Time, the New and Full Moons
are supported to return to the fame Day of the Jatissa Year.
See Moos.

This is also called the Metonic Period, from its Inventor Meton, the Athenian; and the Golden Number: tho, pro-perly, the Golden Number is the particular Number which

This opele of the Lunar Cycle, any given Year is in.
This opele of the Moon only holds true for 512 Xears;
For, the the New Moons do return to the fame Day after 19
Years 3 yet not to the fame time of the Day, but near a
half fonger; which Error, Hour and a half fooner: which Error, in 312 Years. ounts to an entire Day.

amounts to an entire Day.

Yet, thofe employ'd in reforming the Calendar, went on
a Supposition of the Lunations returning precisely from 19
Years to 19 Years, for ever. See Gragorian.

The Ufe of this Gyele in the antient Celendar, is to shew
the New Moon of each Year, and the Time of Easter. See

In the new one, it only ferves to find the Epachs; which fnew, in either Calendar, that the New Moons fall it Days too late. See EFACY.

roo line. See Exter.
As the Criences began the Ule of this Cyrile at the Time of the Council of Nier; they suffimed, for the first Year of the Cyric, the Fishich New Moon to fill on the 17th More of the Cyric the Fishich New Moon to fill on the 17th More of the Cyric the Fishich New Moon to fill on the 17th More of the Cyric the State Cyric the State Cyric the State of More of the Nier of the 18th Cyric the 18th More of the 18th Cyric the Nier of the 18th Cyric the Nier of the 18th Cyric the Nier of Edger's Heave. Zhonglin Engage, upon Familia a tow Chromks, perhadod the Christian of the 18th of the 18th Difference, and one into the Politic Heave of the Nier of the Church of Alexandria.

To find the Tear of the Lunar Cucle, is to find the Golden Number. See Golden Number.

CYCLE of Indictions, is a Series of 15 Years, returning constantly around, like the other Cycles; and commencing from the third Year before Christ. See INDICTION.

form the shield Year before Cartil. See Favore view.
When this Cycle of Indicition was fift for no first more
the Remark, and for what End 1 is mark commoved
the remark, and for what End 1 is mark commoved. The
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sad groces as "The called Salar Cycle, not with regard to the Sun's Caste, which has nothing to do herein; but from Sunday, ancienty call? Dirt Salat, the Day of the San : In regard, 'this the Dominical Letter is principally length for from this Revolution; 1.4. The salat sunday of the San is a Revolution of the San Salat sunday of the San is "The Reformation of the Calender under Pope Gragory, "The Reformation of the Calender under Pope Gragory,

art access on the Rimman.

The Referentiation of the Calendar under Pope Gregory, occasional a confiderable Alteration of the Optic: In the Gregories Calendar, the Older Optic is not confisced appearancy in report, every fourth Secular Year is Commonsy whereas, in the Yelfact in Bifferiation. The Dpoths, or Beganning of the older Optic.

The Spoths of the Calendar is Bifferiation and Gregories, in the Calendar is the Calendar in the Calendar is the Calendar in the Calendar is the Calendar in the Calendar

the oth lear before Christ.

To find the Cycle of the Sun for any given Tear; add
9 to the Number given, and divide the Sum by 28; the
Number remaining will be the Number of the Cycle, and
the Quedent the Number of Revolutions fince Christ. If there be no Remainder, it will be the 28th, or last Year

							_
	CYCLE of the Sun in the Julian Tear.						
3 D 4 C	5 B A 6 G 7 H 8 E	10 1	B 14		F 22 E 23 D 24	A 26 G 27 F 28	ED
CYCLE of the Sun from the Gregorian Tear 1700, to the Tear 1800.							

Creen, it may be observed, is not only us'd in the gen-ral, for all the Numbers that comprise the Series a, but for container Epochs from the Birth of Jeine Christ, had the Solar Gyale 10; the Laure Gyale, or the Golden Number is the Deminical Letter B, and the Gyele of Indiffuse a. CYCLISCUS, from solar, Greating is informment in firm of an Hill Moon yardely by the Surgeons to Kempe Swey.

C	Y	G	(365	•	~		
~		4	365)	C	V	0

CYCLOID, in Geometry, one of the Mechanical, or,

or GCDDD, in Geometry, one of the Mechanical, N-gionessem con, the Thomschonders Graves; colled also is vigested. See Carvis, and Thomscore.

"Robert See Carvis, and

when in stight Line, is the Cycloid.

The Cycloid is repured a modern Curve, and its Invetion skribd by fome to Marifanar; by others to Galilee
held by Wallis flows it of an older flanding, and to has
been known to Bwellius, about the Year 1500; and evecafider'd by Cardinal Cufonus much earlier, via. before he Veer tart

the Year 1451.

M. Haygens has demonstrated, that from whatever Point eHeight, a heavy Body, ofcillating on a fix'd Centre, (w. a Pendulum) begins to defeend; while it continues to mos is a Cycleid, the Times of its Falls, or Offiliations, will b

a Femiano, a construire de l'intera of in Falls, or Unimonome an Grinda, des Times of in Falls, or Unimonome, an antiquità, des l'interactions de l'interaction délinheit, either foncer for its being asocierated, or lus écairung agracuer Sque to mover. And honce rafte a Equility at Jime, novemblanding the Inequality of Arche to this Fondation it is, that the Feedalson Code. bits on the Sobject whereof, the fame M. Haygars is was a large Volume, under the Title of Hendigum Gold-instrian. See Passure and See also Oscillations. COLODIAL Sport, the Space contained between the COLODIAL Sport, the Space contained Sport, or COLODIAL Sport, the Space contained Sport, or COLODIAL Sport, the Space Color COLODIAL Sport, the Space COLODIAL Sport CO

CYCLOMETRY, the Art of measuring cycles, or ca det. See Cycles, and Circes. CYCLOPÆDIA, the Circle, or Compass of Arts an Sciences; more ordinarily call'd Emoyelopedia. See Enci-

CIGNUS, the Swan, in Aftronomy, a Confeditation

Names and Situations of the Stare.

CIGNUS, the Schap, in Altronomy, a Confiellation of Northern Hemisphere. See Construct. Atlanton.
Sura in the Confiellation Cignus, in Problems's Catalogue 10:
10: 17; in Tjobo's 19; in the Britannie Catalogue 10:
The Order, Names, Longitudes, Latitudes, Magnitudes, & whereof, are as follow.

Stars in the Conftellation Cuanus.

So Longitude. Latitude.

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B. I	and more North.							
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			30 .	7 7	5 50		9	Against the South Knee
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le the	pas	25	16 2	414	1.59	11	6	accus or 3 in the Wing
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	of 3 in the North Wing	79 13	42 4	3 71	28	28	4	95
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			13 2	58	7	12	6	N. of the Informer following the Tail South of those following the Tail
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, 2	Names and Situations of						
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gh: D	South of the middle Stars in the Wing		20			10 I 59 Š	
oa!			6 3	8 10		1 4	4
lia-	Laft of those in the North Wing		23 4	9 I 4 I2	67	33 49	1
E,	Freeed, in the Rife of the Neck		6 3 12 3	6 40	41 .	‡1 12 28 16	4,5
coé	standard of 3 m the Rife of the Neck		6 3 12 3 9 13 5	3 51 7 43	45 55	1 40	1 3
ne						4 48	
re-			10 5	9 24 9 28 7 46	47 42	2 8	15,6
n-			15 3	4 43		5 20	
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ot or		×	20 57	9	64 4 53 2	1 46 3 53	5,6
in is.	Middle and brighter age, the No.Knoe . Subfeq. at the Knoe . North of those arrested the Angle	ж	1 46	7	64	3 51 7 7 8 16 5 11	1,5
is. is	North of those preced, the Angle (gle near the Tropic Preced, of the Informer in the Trian-	=	10 37 16 10	18	51 3 62 4	8 16	3
4-			16 42				5 6
ic.	South. in that Triangle		16 1	55	47 5: 40 5:	7 16 9 36 7 7	5 6
r- nd	Bright Star in the Tail	ж	19 18 16 1 14 56 20 54 1 1	55	48 2 59 50	13	6 2
τ-	Sableq, of the faid Triangle	×	18 12	34	41 3	0 54	6 7
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7.						-	4
c.	South of those preced, the Extreme of the 2 Ansiermers of the S. Wing Wing North of those prec, the Extreme of the	ж Ж	2 12	12	19 51 12 31 18 1	7 9	5
	North of those prec, the Extrem of the	×	3 39 12 45	37	8 1	13	6 5
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	85		1 57	3 0	1 50	26	5
	Against the South Knee Subseq. in the North Part of the Knee		6 32	3 1	6 36	5	.45
	In the Extrem, of the South Wing Middle of those in the South Wing	2 2	6 32 10 50 14 51 18 44 4 16	36 3	7 59 3 43 0 32	50 13 40	4 6 3 4
	South of 3 in the Wing North of the fame		2 59			10	
4	North of the fixme A finallone following the South Kate		6 3	49 5	1 30	45	5 4 6
	That under the Extrem of the S. Wing	-	2 57 6 3 0 14 6 1	38 4	8 25	8 20	6

4 5

9 40 D 20 7 1 15 48 34 55 15 39 47 45 45 37 9 59 28 49 7 0 15 53 18 55 12 21 12 1 23 50 52 2

15 15 12 52 39 30 13 35 15 50 25 21 13 56 49 50 34 26 6 8 0 39 32 16 12 3 43 48 3 34

CYLINDER, in Geometry, (from the Greek winning, a round long Stone 3) a filld Body, contain'd under three Surfaces; support to be generated by the Rotation of a Parallelogram, ac CBEF, [The Geometry, Fg. 5c] about one of its Sides, CF. See Solid.

Etho geograpian Parallelogram has Bodinamies as CREE.

one of its Sides, CF. See SOLID.

If the generating Parallelogram be Rechangular, as CBEF,
the Cylinder is produces will be a right Cylinder, i.e. a Cylinder whole Axis is perpendicular to its Marie of
If the Parallelogram be a Rhombus, or Rhombuides, the

Cylinder will be oblique, or fealenous.

Glinder will be oblique, on featurous.

The Surface of a right Glinder, exclusive of its Bafos, is demonstrated to be equal to a Rechangle contained under the Feriphery, and the Altitude of the Cylinder. The Periphery, therefore, of the Bafo, and thence the Bafo its feif, being from a demonstrative of the Parish and the Control of the Cylinder of the Rechangle of the Height, and Periphery the Cylinder and the Cylinder of the Rechangle of the Height, and Peripher and Cylinder and Cy pacry of the Cylinder; the Sum will be the Area or Super-ficies of the Cylinder: multiply this by the Area of the

pheny of the Glinder; the Sum will be the Area of Super-histics of the Cylinder' multiply this by the Area of the Blef; and the Produkt will be the Solidity of the Cylinder. For it is demonstrate, then a Christicy of the Cylinder, the Area of the Cylinder of the Cylinder of the Cylinder, the Area of the Cylinder of the Cylinder is copial to the pagint Frime, having the time Blat and Arbeider with a felt; In Soldity, therefore, mult be bad by multiplying the Superficies to the Blate. See Prince is differed to the Agenty, for the Blate of the Cylinder is indistinguishing and the Cylinder is indistinguished to the Cylinder is come in the Cylinder is a Copie is no on third Part of a Cylinder is indistinguished in a Copie is to one third Part of a Cylinder is indistinguished.

Again, fines a Cone may be effected an infinite-surgular Pyrmids, and A. Cylinder in infinite-surgular pyrmids, and A. Cylinder in infinite-surgular pyrmids, and A. Cylinder in infinite-surged light and of the fine height. See Conz.

Farther, a (Gilmer's is as Spierred the fame Bafe and Lathy, it being demonstrated in Mechanicks, that every Figure, whether Superickial to boils, generated, either performed to the control of the generated with the performance of the generative Magnitude into the Way of its Connex of Genviry or the Line in Connex of Genviry of the generating Fixes in the Middle G. of the right Line B. T. The Way of this Connex of Genviry of the generating Fixes in the Middle G. of the right Line B. T. The Way of the Genvir of the Connex of Genviry of the generating Fixes in the Middle G. of the right Line B. T. The Way of the State of the Connex of Genviry of the generating Fixes in the Middle G. of the right Line B. T. The Way of the State of the Connex of Genviry of the generating Fixes of the Connex of Genviry of the generating Fixes of the Connex of Genviry of the generating Fixes of the Connex of Genviry of the generating Fixes of the Connex of Genviry of the Genvir of the Connex of Genvir of the Spiendinent of the Connex of Genvir of the Genvir of the Connex

cle additivit by the Railine E G, which is Subduple of E F, come the Semidianter of the Cylinder. But Supple, u, g, th Altinde of the describing Hans, and Supple, u, g, th Altinde of the describing Hans, and the subduple of the Semidianter of the Bell D C = τ_f ; both unit B G = τ_f ; and deproping the Railine, t and deproping the Railine of the Polyhedry, u = t as t the Populary described by the Railine, t and deproping the Railine of t

tore, is equal to the Factous of the Baie, and the Altitude.
For the Ratio of CRIMERIA; as the Radio of all Cylindrys, Cones, Uc. are in a Ratio composi of their Baies, and Altitudes: Hence, if their Baies be equal, they will be in the Ratio of their Baies; jif their Altitudes be equal, they do the Ratio of their Baies.

io the Ratio of their Bakes. Hence, also, the Bakes of Cylinders and Cones being Cicles; and Circles being in a duplicate Ratio of their Diameters; all Cylinders and Cones are in a Ratio compounded of the direct Ratio of the Altitudes, and the duplicate one of their Diameters: and, if they be equally high, as the Squares of the Diameters.

na squares of the planeters.

Hence, again, if in Gylinders the Altitude be equal to the Diameter of the Bafes, they will be in a triplicate Ratio of the Diameters of the Bafe. All Cylinders, Castle of the a triplicate Ratio of their homologous Sides; as also of their Altitudes. Again, equal Cylinders, Cones, &c. reciprocate their Ba-fes and Altitudes.

Laftly, a Cylinder whose Altitude is equal to the Dia-meter of the Base, is to the Cabe of its Diameter, as 785

to 1000.
To find a Gircle equal to the Surface of a given Orlis-PE, we have this Theorem: The Surface of a Cylinder is equal to a Gircle, whole Radius is a Mean Proportional be-tween the Diameter and Height of the Cylinder. See Su-

linder, equal to it, nearly, as triple the Altitude of the Cylinder, to duple the Diameter of the Sphere. See SPHERE,

SPHERE.
To find a Rect, or Net, whence a Cylinder may be form'd,
or wherewith any Cylinder may be court'd. White
Diameter of the Bids, deferibe two Gislos, if find their Peripheries: and upon a Line equal to the Altitude of the Cylinder, form a ReChangie, whole other Dimension is equal
to the found Periphery. Thus may the Cylinder require
the found, or overd.

CYLINDER charged, in Gunnery, is the Chamber of a great Gun. See ORDNANCE.

GREAT GUIL. SEE UREBANCE.

CYLINDER COMMENT, in Gunnery, is all the Chace, or holow length of a Piece of Ordanacc. See ORTHANCE,

CYLINDER CREEK, in Gunnery, is that Part of the Hollow that remains compty, after the Gun is charg'd. See

CYLINDROID, in Geometry, a folid Body, approach-ing the Figure of a Cylinder; having, v. g. its Bates el-liptical, perallel, and equal. The Word comes from the Greek what's Cylinder, and

econ, Form.
CYMA, in Botany, a Term fignifying the Top of any
Plant, or Herb.

CYMA, in Architecture. See CIMA, SIMA, and CYMA-

CTMATIUM, CMATIUM, or CIMA, in Architectur, (from the Greek spaces, statistic) a Number, or Moscille of the Comics, whole Positio is week, i.e. course to support of the Comics, whole Positio is week, i.e. course to support of the Comics, whole Positio is week, i.e. course to support of the Comics, and the Comics, and the Comics, and the Comics, and the Comics of t CYMATIUM, CIMATIUM, or CIMA, in Architecture

ing to the potitiment of Paravoiris, whom is Derig we've.

This is certain, that Piravoiris functimes ufer the Word
Unda for Crimatium, and fometimes Lyfti, i.e. Solitation, Separation; is negard, Containen, where the Crimatius are
found, Esparate one piece of Architecture from another; is
the Pedettal from the Column, and the Prices from tho

Corniche. But, withal, it must be observed, that he does not confine Cymaticum to the Corniche; but use it indifferently for any fimilar Moulding, whereo'er he meets with it: in which he differs from the most securate among the Moderns.

Felibien makes two Kinds of Cymatums; the one right, he other inverted: In the first, that Part which projects the furtheft is concave, and is otherwife call'd also Gula Retta, and Doneine. See Doucinz.

and Dimenter. See Diversity.
In the other, the Part that projects furtheft is convex, called Guila Inversity, or Talon. See Taxon.
Our Architects don't de to give the Name Cymarisms to thefe Mondlings, except when found on the Tops of Cornices; but the Workmen apply the Name indifferently, wherever they find 'em. Pallado'd diffinguishes the Cymarisms of the Corniche by Pallado'd diffinguishes.

the Name Interplatum.

Tuften Cymarium, confifts of an Ovole, or Quarter-Round. Philander makes two Doric Cymatiums, whereof this is one : Baldus calls this the Lesbian Aftraga

Deric Crmarium, is a Cavetto, or a Cavity icis than a emicircle, haviog its Projecture subduple its Height. Lesbian Crmarium, according to Virrunia, is what we Lesisan CMATION, according to Varround, is whit we otherwife call Tétine, viz. a concave-convex Member, having its Projecthere fishdeple its Height. See Tacon.

CTMBAL, a Mufical Infirement, used among the Anticents; call'd by the Greeks whereof, and by the Latins

Cymbistum.
It was of Brafs, like our Kettle-Drums; and fame think
in their Form, but fimaller, and its Ufe different.
Coffinderus, and Ifidore, call it detectabulum, the Name
of a Capor Cavity of a Bone wherein another is articulated g or a Lopor Lavity of a Bone wherein another is articulated; and Ximpibou compares it to a Horfe's Hoof; whonce it malt have been hollow; which appears, too, from the Figure of feveral other Things, denominated from it, as a Bason, Caldene, Gobber, Casque; and even a Shoc, such as those of Empéndeix, which were of Reals.

45 field a Circle synth to the Suprison of a ginner for the parts which were of Pauli, and we have this Paulies and Suprison of a Ginder's in lie effect, the content Grandels appear to have been very equal to α. Circle, whole Redden is a Mean Proportional boundaries and Paulies of the Confidence for the Confidence of Paulies and Paulies of the Confidence for the the Confid

Greek, Loren, and Engage translators reneer Cymoso; to

an in their Matter, Form, 65c. the Criticks are wholly in and edit.

The Modern Gowled is a pattry Inflamence, chiefly in all among Vagrants, Option, 65c. It condish of freet Wire, in a transplair Form, whereon are pain? for Reiny, which are seedly and Inflamed along the Tringing with an Iron Rel held in the left Hand, while the imported in the right Parmenter Usy, that he Modern Green and the Condish of the World Cynsial for the Bell bung in the Ciciltic, and to call for no to the

Refoliory.

CYMBIFORME Os, in Anatomy. See Navious are Os.

CYMBGETICS, Cygunica, Books treating of the Art
of Hunting. Grains Failfour has wrote Convention with

el flattung. Versitte Chapten sinh weite Georgiuse, who while'd hem-CHNIGS, 8,864 of meiner Halindepens, who while'd hem-felts on their Contempt of every rhing, effectfully Riches the Contempt of every rhing, effectfully Riches The Founder of his Self is fill of how be found during tent, a Diffusipe of discouracy who, after his Multicri tent, a Diffusipe of discouracy who, after his Multicri Here, some will have it, come the Name smoke, Grai-Here, some will have it, come the Name smoke, Grai-Here, some will have it, come the Name smoke, Grai-ting duries it from one Grait, because of their Security and Importunity in experimentally vite.

this, Arifold Colores, if I mind was topher for a edition mit, Ec. Cynicks were fo called, from their free way of rebuking. Sec.

Hence, Diegenes the Cynic faid of himfelf armer Diegen. Hesce, Diegenst the Cynte laid of himself, sortyer descrip-J hire the Eurly and Antifebruse himself was called deva-we, an ingenious and fineere Dog: It being the diffin-guilling Character of the Cynter, to attack and bark at the lift and to defend and fawn on the Good.

II, and to defend and favon on the Good.

African paties to expirate Greating to the Sixes: A Ox
derival paties to be expirated Greating to the Sixes.

A principle of the Sixes of the Sixes of Taxes of

Markind in Intellect, and a patiette Defens, and Taxes of

Markind in Intellect, and a patiette of the Sixes of

Markind in Intellect, and a Great of the Sixes of

Markind in Intellect.

A principle of the Sixes of the Sixes of the Sixes of

Markind in Intellect.

Markind in I

by a good Confeience.
The Ground of this Encomium, may be owing, in fome mediare, to that affinity between the Steickt and Cynickt: the chief difference between 'em was, that the former were more modelt and referr'd than the later; who were filled to have banfilt'd all Shame, and were able to practife.

that to have boundled all Sharme, and were able to practice any Oblicanity without blelling.
Hence, Lacrists observes of Disgrees, that he did every thing openly, whether it belongd to Ceres or to Venus:
The, the time Lacrists adds, that he did it in imitation of the Cherididastali, i. e. he only ran to an Excels of Impu-

dence, to put others out of conceir with it.

Spajians Cynicus, a fort of Spafin, or Convulsion; where-

Spillmis Cristicus, a fort of Spalin, or Convultor, where-by the Patient is brought to imitate the Gethure, Snarlings, Hewlings, E.c. of a Dog. See Seasons. Dr. Printel, in the Philipphical Ynangations, gives as an Account of a very extraordinary Spalinus of this Kind, wherewith two Families, at Blacksborn in Oxfordibire,

The state of the Third down shouldoor of Vision to the Villige, and among the reft. Br. Hillig, what, a good while one he reached the Place, besid a surribe Notic of while one he reached the Place, besid a surribe Notic of Whitig and howling as upon his energing of Houle, he will be the place of the Config. howling, and astreeting, each client place there was no Convoltion fora, he did Oping and Originations of the Mount's Their Palic was presented in the Configuration of the Mount's Their Palic was presented in the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Mount's Their Palic was presented by the Configuration of the Confi The Novelty of the Thing drew abundance of Vifitors t

ting sides this Overfore, they were feldom used but by different the state of the s

inferred birm, were 6 fined with their Sifier's Differler, that shey now one, Gild.

At his Africal, they were all as play, very briffly and monocernetly, before the Doors as length the cloth Gird, about fourten Years of Age, was faird as usual. The only Sympsom of its approach was a Swelling of the Stomen's which rifing gradually up the Thoust, for Convertions of the Largova and the Had upon their usual Convertions of the Largova and the Had upon their usual to the Convertions of the nine and a section Symptoms of an approaching Paracola in a me all a said it they conferenced to slop it, it burit out with the greater Violence, and held the

mger.

The Noife they made was inceffant, and difagreeable; et nor fo much like the barking or bowling of Dogs, as had

yet not for much lifet the barking or boatley of Dogs, as had been given our, as quasit haif of a Song, centifying of the best given our, as quasit haif of a Song, centifying of the best given our property of the post of t

Of Gams. See PREPECE, and GLANS.
CYNOREXY, an immederate Appetite; to the Degree of a Difeafe; called alfo Fames Canina, and Bulling. See

Bellium.
CINOSURA, in Aftenomy, a Name the Greeks have
CINOSURA, in Aftenomy, a Name the Greeks have
given to Urife Minor, or the little Bear. See Unaa.
This is the Condellation next our Fole, confilling of feven
Strays, Joseph websterf are disposed like the four Wheels of a
Charles, and three lengthwife, representing the Beam;
whence fome give it the Name of the Charles, or Cherles's

arm. From these seven Stars it is the Pole takes its Name, Sep. From these seven Stars it is the Fole takes its Name, dep-mintensitis; and the rest of the Hemisphere, as far as the size, Septem Triemes. See Pole, North, &c. The Word Cymplans is form'd of mineracy, q. d. the Deg's-Line, Settem Trienes

CTON, or CON, a Conf., Spring, or Swiker. See Cinn, GTON, or CON, a Conf., Spring, or Swiker. See Cinn, GTHER. See Course, the Conference of Conference of the Conference of Conference of the Conference of Confe

CYPHONISM, CYPHONISMUS, a Kind of Torture. or Punifilment, in use among the Antients.

The Learned are at a loss to determine what it was:

Some will have it to be that mention'd by S. Jerom, in his Life of Paul the Hermit, Ch. II. which confitted in fracering the Body over with Honey, and thus exposing the Party, ing the Body over with Honey, and thus expoung the Party, with his Hands tyd, to the warm Sun, to Invite the Flies and other Vermin to perfecture him. CYPRESS, Coprofies, in Natural History, a precious fer of Wood, the Produce of a Tree of the time Name; from the Produce of a Tree of the time Name; from the Produce of a Tree of the time Name; from the Produce of a Tree of the time Name; from the Produce of a Tree of the time Name; from the Produce of a Tree of the time Name; from the Produce of a Tree of the time Name; from the Produce of a Tree of the time Name; from the Produce of a Tree of the time Name; from the Produce of the Produce of a Tree of the time Name; from the Produce of t

of Wood, the Produce of a Tree of the fame Name; fre-quent in the Hind of Cyprus.

It is very compact, and heavy; and its Smell as agreea-ble as that of Sansal. It fearce ever rost, docsys, or is worm-caten, no more than Codar, or Ebony: For which Readon, the Anticans used it to make the Statess of their Gods.

the Allacids sied it to make the Statues of their Gods.

In Candia, and particularly shout Mosat Ida, the Plant is faile on the figure and a particularly shout Mosat Ida, the Plant is faile on the flowest according difficult to rathe by Art.

The Posit of this Tree, call'd Gates, is sud'in affirmed Theocolicus, for Hernish, Henorehapea, 45%.

The Paul of the Merick, Planton Planton, Call allo Knights of Callings, and Knights of the Storey's infiltrated by Glys & Minney, and Knights of the Storey's infiltrated by Glys & Lusignau, King of Cyprus, in 1192.

The Defign of the Infiltration was, to oppose the Descents and Irruptions of the Infidels in this Island: Accordingly, their Motro was Securitas Regni. See Swonn.

CYRENAICI, a Sect of antient Philosophers; fo called from their Chief, Aristippus of Cyrene, a Dikiple of So-

crates

Their leading Tenet was, that Man was born for Plea-ure; and that Vertue is only fo far laudable, as it conduces

therein.

By Flexiere, they meant, not only a Privation from Pain, and a Tranquillity of Mind like what Editorial possible and a Tranquillity of Mind like what Editorial possible and a Tranquillity of Mind like what Editorial possible and the Core market frequent mention of Artiflypai's School; and feeks of it is all rejected or like it widedle Debushees, and, privated the Self into three Branches; under which Division is time painting and the self-water and the se

CYRTOMA, a Tumor in any Part of the Body. See

CIST-HEPATIC Duff, a Canal, by which the Perus Silariu differages part of in Bile into the Gall-Bladder. It was firth derival by Dr. Gillien, and long afterwards pre-tended to be differed by M. Perusult. Verbayer, from the Courfe of the Bile, inverse the Name, and more properly calls it Hepaticyflien. See HEPATICYPILES.

CYSTICS, an Epither given to two Asteries and two CYSTIC, an Epither given to two Asteries and two The Cylife Asteries, or Cyline Genelle, are two Ben-ches from the Crize, bettow'd on the Gail-Bladder, and bringing Blood into the time: The Cyline Fear terent the Remains of this Blood into the Fear Ferra. See Fear the CYSTICS, are Medicines against Diskenpers in the Blad-

CYSTICUS Meatur, a Bilary Duch, about the bigness

of a Goole's Quill; join'd to the Meatus Hepaticus, at about two Inches diffunce from the Gall-Bladder; the two together forming the Ductus Communis. See Ducrus Com-

CYSTIS, the fame with Vefics, or Bladder. Sec Vz-seca, and Brander. The Word is Greek, when.

Craris Cholediche, the fame with Folliculus Fellis, See Forracut.ns

CITHARA, an antient Mufical Infirument, by fome fupposed the fame with the Lyrs; at least, a particular Species of the Lyrs; by others different: The its precise Struc-

the of the conference of the c

the Propostis of the fame Name.

Tartars, and first fet it on its prefent Footing, about the

Year 1470.
Year 1470.
Year 1470.
Year 1470.

Name Kowang, observes, that the Ruffiss Princes never bore the Name of Core, till their People had embrased the Greek Faith to before that Time, he lays, they were called Konger, King,

The 4th Letter of the Alphabet, and the old Conformat. Germanstrian generally rank it storage for Linguil Letters, as finguing the possession of Linguil Letters, as finguing the possession of the Conformation of the Conformation of the Conformation to have Rankon in making it a polarial Letter. The Letter D is the 4th in the Releven, Catellete, generation, Syring Greek and Letter Alphabets; in the conformation of the Confo

Som is refirmble the Arible Ta, all it differs in, being a Point added a-top.

The Form of our D, is the fame with that of the Letters; as appear from all the account Modals and Indiagnosis. A finite Language of the Control of the Media's. All the Alteration the Greek have made in it, is the making it floop a little, and taking away a little Line. Nor wou'd it be difficult to firew, that the Syriac Boletsh, and the Arabic Del, are both borrow'd from the action Hebrew, as well as the "Deletch of the Modern or

Chalden Hebren

Some indeed will have it that the Greek & Deles is bor Some indeed will have it that the Greek & Liefts is bor-rowd from the Egyptiant, who made their Do of thee Start diffpor'd in a Triangle; which was a Hieroglyphic that among them denoted God, the foverzign Being, as if they had had fome Notion of a Trinity: But this is but

they had had fome Notion of a Trimity: But this is bur poorly fupported.

D is also a Numeral Letter, figuifying Five Humbred;
Which arise hence, that in the Gebiro Charackers the D is half the M, which figuifies a thoufand — Hence the Verfe Littera D volus A Quinquests figuification.

A Daff added a-rop, D, denotes it to thank for Five

DARITIS, in Logic, one of the Modes of Syllogism.

See Mode and S'ELOSTER.

DACKQUIDES, Mudicine, a Term rapiled to U.

ore, which are continuelly yielding any parted Mater.

ore, which are continuelly yielding any parted Mater.

Or and the part of the parted of Grammarian Dirmedes. One Sophocles, quoted by Stra-by, Lib. X. fpeaks differently. They were call'd Dastyli, fays he, from the Greek Word Santunes, Finger, by Reafor figs he, from the Greek Wood Jacrasas, Finger, by Recibe their Number was at first lequal to that of the Fingers of the Hand, eric. Ten , five of them Boys, and as many Gille.— He olds, that his to them we owe the Invention Office.— He olds, that his to them we owe the Invention wifed Things. Others make their Number meer, and wifed Things. Others make their Number meer, and other left that Ten. Some, again, make them Nuives of Fireyigh near the Foot of Mount Ids; and others being than from effective their them of the state of the s

However, all the Authors Strabo had feen, agreed, That they were the first who wrought in Iron near Mount Ida; that they were Impostors; that they had been Ministers of the Mother of the Gods, or Cybrio; that they dwelt at the Foot of Mount Ida. "Tis a Conjecture among as the Foor of Mount Met. The a Conjecture among them too, not then the Cartest and Cartylontal Week them too, not then the Cartest and Cartylontal Week the time with the Dadlyh Met, but that the Cartest and Conjectures were their Cartill Dadlyh; that each of their the Cartillares, who were the Cartest; and that each of their think Cartillares, who were the Cartest; and that each of their think Cartillares, who were their cartillares and the Cartillares. Who were used called Dadlyh enters had Ten Calinders, who were used called Dadlyh enters had Ten Calinders, Damanaera, Bertands, and Alexano. See Convenience of the Cartillares, and Alexano. See Convenience and the Large Verfice comes.

DACTYL, Dallyiss, a Foot in the Latin Verie, con-filing of a long Syllable, follow'd by two fhort ones, as

Ciruled Sc. Hammeter Verfee uftully rad with a 20.0154 and Spoodso. The 20.0154 is tall to have been their and Spoodso. The 20.0154 is tall to have been their second second of the 20.0154 in the 20.015 delilote

Abblete.

DACTUS are also the Fruits of the Tree, more usually Called Dates. See DATE.

DACTUSIC, Something belonging, or that has a Relation to Datfyris: Anciently there were Datfyris; as well as "thee Datfyris, as well as "thee Datfyris Fluore consisted of unequal Intervals," The Desilylic Fulus confilled of unequal Intervals as the Desilylic Four does of unequal Meniure. — Datylic Furfies are Hexameter Verife anding in a Desily, inities of a Sponder, 2 As Spondia; Furfies are thoir, which have a Sponder in the 5th Four Verifes are thoir, which have a Sponder in the 5th Four Verifes are thoir, which have have in Fryst, Local VIII. 23.

Bit Patria occidere Manus: Quin Province contains.

Bit Perrie ciciere Means: Quin Persissa samis Divingence One 1, 20,00 juneanis, a Sore of 1) Divination performed by means of a Ring. Divination personnel by means of a Ring. Divination personnel by means of a Ring. Divination personnel by means of a Ring. Divination of the Ring of the Rings of Rings of Marines Rings (Inspect of the Rings of Rings of Marines Rings) of Rings of Tules, Finger, and partela, Divination.

TAME, anger, and parriess, Divinition.

DACTILOMANCY. See DACTYLIOMANCY.

DACTILONOMY, The Art of Accounting, or Numbering by the Fingers. The Rule is this: The left Thumb is reckond 1, the Index 2, and fo on to the right Thumb, which is the renth, and of Confequence denoted by the

Coffs are included within this Word Damages; for Damage, In its proper Signification, is faid a Demende, when, by Di-minution, a Thing becomes worfe; and in this Senie Colls ministron, a raing neconies werieg and in this sense coits of Suits are Damegy, to the Plaintiff, for by it, his Sub-Rance is diminished: But when the Plaintiff declares the Wrong done him to the Damage of such a Sum, this is to be taken relatively, for the Wrong which passed, before the Writ brought, and is affels'd by Reuson of the Trefpass aforefaid; and cannot extend to the Costs of Suit, hich are future, and of another Natu

DAMAGE Feefant, or Fessent, i.e. doing hurt, or Damage: As when a Stranger's Beafts are doing hurt or Spoiling the Graft, Corn, Woods, &c. of another Man, apointing the Grain, worth, woods, eee, or another Main, without his Leave or License. In which Case, the Party whom they demage may distrain, and impound them, both by Night and by Day 3 the? in other Cases, as for

both by Night and by Day 1 the in ether Cates, as for Rent, Services, &c. sone may differ in the Night. DAMASK, a Sort of Silk Stuff, having fome Parts raid above the Ground, reprefenting Flowers, or other Fimist'd above the Ground, repreferating Flowers, or other Figure. Demais is properly a fort of Mobiair and Satin intermist'd, in fach Manner as that what is not Satin one Side, is on the other. The Elevation which the Satin makes on one Side, is the Ground on the other. The Flowers have a Satin Grain; and the Ground, a Grain of Taffera. It has its Name from its being originally brought

from Damafeus in Syria.

DAMASKEENING, or Damask-Work, a kind of Media: Work, and accordingly, by the Ladians, call'd by the fame Name, Taufia, as Motale.

the fame Name, Tringte, as Mofalic.

DAMASKERSHNO, is properly the Art, or Act of adorning Iron, Steel, Sc., by making Incisions therein, and filling them up with Gold or Silver Wisz. It is chieffy suid in Earthing Sword-blades, Gaurds and Gripes, Locks of Pislois, Sc. in Name flower the Pisloc of its Origin; or, at least, the Pisco where it has been practified in the greatest property or the Chip Carlamage and Syrias. The off Perfection, ors. the City of Dameleus in Spriss. The Monfr. Felibies attributes the Perfection of the Art to his Countryman Carfines, who wrought under the Reign of

JAMB JEONY IV.

DAMASKENING, is partly Mofaic Work, partly Engaving, and partly Carving: As Mofaic Work, it confifts of Picces de Rejport; as Engraving, the Metal is indented, or cut in receive; and as Carving, Gold and Silver are wrought therein, in Relievo.

There are two Manners of Damaskeening : In the first There are two Manners of Donashavairy: In the first, which is the most beautiful, the Article cust into the Marsi with a Garver, and other Tools proper for Engarring on Storel, and directural fills up the findings, or Storels with a presty that Storey, or Good Winz. In other cases of the store, and the store of the tender of the store of the st

more fittingly.

For the fecond, which is the more usual, the Method is thus: Having heated the Steel till it changes to a Violet or blue Colour: they hatch it over, and a-cross with is that a lateral interest in reason and a cross with the Knife; then draw the Defigo, or Ornament intended, on this hatching, with a fine Brast Point, or Bodkin. This done, they take him Gold Wiar, and conducting or chafing it according to the Figures already defign'd, they fink it care-fully into the Hatches of the Metal with a Copper Tool, DAMASCUS-Steel, a very fine kind of Steel, made in fome Parts of the Levisit, and particularly at Damafeus,

remarkable for its excellent Temper; and used chiefly in the making of Sword-Blades. See Syeel. Some Authors affure us it comes from the Kingdom of

Golconda, in the East-Indies; Where the Method of tem-pering with Alum, which the Europeaus have never been

ole to imitate, was first invented.

DAMIANISTS, a Branch of the Ancients Acepbali
verise. They agreed with the Catholics in admisting

the IVth Council; but difown'd any Diffinction of Per-fons in the Godhead, and profes'd one fingle Nature in-capable of any Difference. And yet they call'd God, the Father, Son, and Ghodt. On which Account the Severitae Petritae, another Branch of Acepbali, used to call them Sabellianifis, and iometimes Tetrasites. Thus much we learn from Nicephorus Callifies, L. XVIII. C. 49. They took their Name from Damianus a Bishop, who was

their Leader.

DAMNATA Terra, in Chymidry, is the fame with
Capus Mortuum, that is, all the Earthy Part, or Mafs,
remaining at the Bottom of the Retort, &c. after all the
other Principles have been drawn out of the Body by Fire. DAMPS, in Natural History, are noxious Steams, or Exhalations, frequently found in clofe, fuhrerraneous Places, particularly Mines, Pitts, Cellars, &c. For the Rationale

The Danaty in Mines are of 4 Kinds: The first, which with all is the most ordinary, the Wockmen apprehend in its Approach, by the Flame of the Candle's becoming or because, and effecting by degrees, till it goes quiet ou; as also by their Shortmes or Difficulty of breathing: Those or Called on their Shortmes or Difficulty of breathing: Those all by their Stormel's or Difficulty of Security, "Under whose Care Stormel's Felders filler any government by it, but fisch in Security, the they are not downspite into but fisch in Security and the Security of the Security Security of the Security of Security Perfendence on the Eurish in a proof Follow, with a Boat limit field of good Alex and Hant will not do, they com-line the Ground security of Security of Security of Juny, which is called 6 from its Security of Hant Joseph abuyer comes in the Sammer-sime, and both one beam comes to be mental. The Milaris in the Federal of English from the Security of Security of Security of Security of the Security of Security of Security of Security of Landson to Security of the Security of Security of the Security of Security of Security of Security of Landson Security of the Perfect work beautiful pre-Forms, called by them Honey-Suchus, with which is the James State Mindmed of the Packe want bounds; pre-haps the Smell of this gives intoly Nortice to getome of the Way : The Intelligent is the sody pellutaril, and mad-fed Way : The Intelligent is the sody pellutaril, and mad-person to have form it, (for they fay it is visible) do that years and have form it, (for they fay it is visible) do that fague in a Mino, which beards out from the main Genry, they for a road Thin purings, show at high as Foot-ney of the Company is the Workman, by High collection, become below, the Davin juminosity files out, and faircones all the Company is The Workman, by High at Illutaries and with the Workman is the Company of the Workman, by High at Illutaries and with the Workman is the Workman in the Workman in the Workman is the Workman in the Workman in the Workman in the Workman is the Workman in the Workman in the Workman in the Workman is the Workman in the Workman in the Workman is the Workman in the Workman in the Workman in the Workman is the Workman in the Workman in the Workman in the Workman in the Workman is the Workman in the Workma of a Stick, 226 roug scope, in the way of meaning uns at a Diffance; and when they have done it, they purify the Place well with Fire: And they will have it, that it gathers from the Steam of their Bodies, and Candles, afends up into the highest Part of the Vault, and there condenfeth, and in Time has a Film grown over it, and then corrupts, and becomes Peltilential. The fourth, is the Fulcorrups, and becomes Pellitential. The fourth, is the Fall-ministing, or Fire-Damy, whole Vapour being truck'd by the Flame of the Carolles, prefendy takes Fire, and has all the Effects of Lightning, or fired Gun-powder. Their are found frequently in the Cosl-Mines, and formetimes, the rarely, in the Lead ones. How Mineral Steams may prove policious, may be understood from Doctor Mead's Effay on Policion.

Ently on Polificat.

Naturallists familith as with very furprising Inflances of
the Effects of Zhamba, in the Hift, de P. Antellenie de Spiritte de Company, in the Hift, de P. Antellenie de Spiritgrant and the Antique, as well as the congrant which is Antique, as well as the congrant which is Antique, as a Labourt, who was fent down to recorer it, ere be ready the Water, was frangaled. A fecoal feat to fetch up the Corpt, met with with the farms
coal feat to fetch up the Corpt, met with with the farms
which Carries are call quartaffered as he felt only Thise
was with Carries to call quartaffered as he felt only Thise
was with Carries to call quartaffered as he felt only Thise down, with Charge to call out affoon as he felt any Thing incommode him. He call'd accordingly, as foon as he incommode him. He cal'd secondingly, as foon as he came nor the Water and was inflamily drawn out; yet he died p Days afterwards. The Information he brought treated the properties of the Pays afterwards. The Information he brought treated. A Dog behind todow, cried done the fine Plays and died affoon as he came to Mr., But throwing Water on him, he recover'd as happens to those through most on him, be recovered; a happen so those the more many payed and property of the prop

without the leaft ill Confequence.

In the fame Hillory, An. 1750. a Baker of Chartres, having carried 7 or 8 Bushels of Brands out of his Oven In the fame princey, how a service with the fame from the fame and the hardy and scalous than the rist, perfected the four People were not fend, wantle go drown to give them Help: He cried not, and was form no more. Upon this, a 5th Man point to the Bearn draw form of them furth without point to the Bearn draw form of them furth without point to the Bearn draw form of them furth without ranken the Air, fresh'dl s Sigh and dyed. Next Day, the Baker's Pérod, undertaking to griup all the Garcuttle with a Hood, was let down with Ropes on a wooden Hofed, with a Hood, was let down with Ropes on the Rope of the state of the Rope of the Rope of the Rope of the Rope of the state of the Rope of the Rope of the Rope of the Rope of the with a Hood, was let down with Ropes on a wooden Hofed, which were the Rope of the Rope of the Rope of the Rope of the state of the Rope of the Rop to be crawn up whenever he should call. He foon call d, but the Rope breaking, he fell back again; And ith' the Rope was foon piec'd again, he was drawn forth dead. Upon opening him, his Meninges were found extravaging fretched; his Lungs spotted with black, his Intelline of the Effects of Damps, See Poisons and Mapuirus.

DAN T 162 1 DAN

feelfd as high as such Arm, inflamed and red as Bload, head what was most extracediancy, all the Markies of his or Arm, Thights and Legy, tern and for prace of the Arm, Thights and Legy, tern and for prace of 500 Arm, Thights and Legy, tern and for prace of 500 Arm, Thights and the Rendard fall of the Confession of 500 Arm, and the Confession of the Rendard fall of the to Hall relates and all and the Confession of the State of the Arm and the State of the Arm and the State of the Arm and the State of the State of the Arm and the Arm and the State of the Arm and th the Danger was over.

ni Diagre was over.

in Diagre was over.

in Diagre Mode Phys. Some Footh Guignig is a College
as Peris, for Impeded bidden Treatmen after a few
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as Peris, for Impeded bidden Treatmen at the Pathadra
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as Peris, for Impeded bidden at the Pathadra
The Ferfor who managed the Spade, and his Atmodian
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the Managed the Managed the Managed the Managed the Managed
the Managed the shird Hiftory we fitall add from Doctor Conner.

DAMSEL, from the French Dismonjes, or Dismonjesu, an Apellation anciently given to all joung People of Genteel, or Noble Extraction of either Sex; As to the Sors and Daughters of Knights, Barons, and even Kiogs. Thus, in History, we read of Damfel Pepin, Damfel Louis le Gres, Damfel Richard, Prince of Wales. Palanier will Gros, Damfel Riebard, Prince of Wates. Paganer was have the the Word a Diminurive of Dom, an ancient Word have the the Woru a Diminary ve of Dism, an ancient word for Lord; as in fome Authors we read Dism Diem for Lord God; Dism Chevalier, &c. The' in its feminine Senfe he takes it to come from Disme, Others derive the Word from uke it woome from Dame. Others derive the Word Iwom Damicellus, or Damicellus, or Damicellus, a Diminative of Dameseus, pulp farvis Damiseus. Accordingly, sta Carge therework that it has been formetimes wore Dameseger. — They who hold the Signory of Commercy, M. de la Respe tells un articately held it under the Title of Dementy law. And M. de Marca affures us, that the Nobletle of Evern is all divided into three Bedies or Claffes; The Barcas, fill divided into three Bodies or Claffes 3. The Barcos, be Cavers, and the Denniel's, Domicellos, cell'd in that Cannty Domenteyers. The Kings of Dominar's and Seven have been the fame Title, as oppears from Pontannia's Hift, of Dominar's, L. VII. and VIII. and Hearty of Uplats High, of Denniel's diversely. Li. VIII. From the Sons of Kings, the Adelbasin pull'd to those of Great Lords and Barcos; and uspensation paired to those of Great Lords and Barons; and at length, to those of Gentlemen who were not yet Knights. At prefent *Damfel is applied to all Maids, or Girls not yet married; provided they be not of the lowest Class of

Propie.

DAMSEL is fometimes also applied to a kind of Utenfil
put in Reds, to warm old Mens Nect withal. It confills of
a hot Iren inclosed in a hollow Cylinder, which is wraptd
goned with linner Cloth, and keeps its Warmth a long

Some call it a Nam.

DANAIDES, in the Ancient Mythology, the Daughters DAN AIDES, in the Ancient APPLOADES, we praggives of Dannist, for Dannist, forth King of Apples, and Brother of Egoptus. They were so in Number, and were esponsed to the so Sons of their Unckle Egoptus. Danness tearing the Accomplishment of an Oracle, which had foretold that he should be expelled his Kingdom by a Son in Law, perfectly the sons of the state of the sta see mould be expelled his Kingdom by abon in Law, per-fewaded his Daughters to murther, each of them, her Hus-hand, the fift Night; which they perform dull but Hyperma 2007e, who spared her Husband Lyneeus. In Vengeance mayer, who insured her Husband Lywess. In Vengeance for this Crime of the 49 Danaides, the Poets have concerned them to Hell, so be continually employ d in filling a Cask perforated at Bostom. The Danaides are formetimes also call d. Beildes, from their Father, who was the Son of the Egyptian Beilst.

DANCETTE, in Heraldry, DANCETTE, in Hersidry, is when the Out-line of any Bordure, or ordinary, is indented very largely; the Largenest of the Indentures being the only Thing that diffiringuithes it from Indented. See INDENTED.

There is also a bearing of a Bend, called densite Dancette; thus, He beareth Azure, a Bend double Dancette Argent.

DANCHE', in Heraldry, the fame with Indented; or, as others will have it, with Dancette. See INDENTED and DANCETTE.

DANCE, an agreeable Motion of the Body, adjusted by Art to the Measures or Tuoc of a Violin, or Voice. Some diffinguish the bigh Dance, consisting of Capers, Gam-

es. &c. from the low Dance, which is Tores a Tame bades, &c. from the 10th Dance, which is Terra a Terra, or close to the Ground. In the Carronfel of King Louis XIII, there were Dances of Horles. The Invention of lish XIII. there were Dames of Hories. The Invention of such Dances is attributed to the Sybarites. The Word is French, Dance, form'd of the German Dantz, which figuings the fame Thing. Bechart derives it from the Arabic Tanza, and Guichart from the Hibrery 177 danks, which have and Gaichart from the Hebrew 1971 doubts, which have all the fame Signification. Menage, after Salmafius, do-rives the French Danfer to donce, from the Latin denfare to consecute and fully as holding it a Practice among the actions Fallett, to leap and donce as they fulled their Clathat

Clothes.

Disneing has always been in Use among all Nations, both civilized and harbarous: The held in Esteem among both civilized and harbarous: The' held in Effectu among fome; and in Contempt among others. Danning, of it felf, no doabt, is harmiels. There is a Time, fay the Preacher, to deep and formetimes it is even made an Act of Religion. Thus David danged beinge the Ark, to Act of Religion. Thus David danced before the Ark, to hocour God, and experts his Excels of Joy for its Return into the City of Sion. Scartes learn to donce of Affaile. And the People of Gress and Sparts went to the Artick, And the People of Grete and Sparts went to the actions, descript. On the other hand, Givero reproaches Gabinius, descing. On the other hand, Gierro reproaches Gabriain, a conclust Man, with having dancet. Therries excelled the Dancers out of Raw, and Danniss excluded the Dancers to out of Raw. And Danniss excluded the veril Members from the Senate, for having dancet. Capture are find to the first who magnet the Art of Chancing, and that to be the first who magnet the Art of Dancing, and that to the Carcinus. The others attribute the Evencion on Misserson who danced for Joy after the Defeat of the Giants

The Ancients had three kinds of Dances: The Ancients had three kinds of Dances: The first Grave, call *Emmelie, answering to our few Dances are Parasets. The forced Gay call of Cardan; suffering to our Coursers, Gallierée, Garotes and Feaths. The third, call of Sections, was a Mixer of Gravity and Gayer, Neppolemon, Sen of Adultes, taught the Creens a new Seri of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia, or the Prince *University* of Dance, call of Syrrichia *University* of Dance, call of Danc Sort of Hance, can a Pyrracota, or the Artaca Hance, to be used in going to War. But according to the Fable, the Caretes first invented this Dance, to amuse and divert the little Justice with the Noile, and Clash of their wert the limit phyliter with the Notif, and Cuth of their Success, bearing against their Backlers. Distances Steined Int in the Uth of the Bibliotheest stitues us, that Cylotie, Int in the Uth of the Bibliotheest stitues us, that Cylotie, Doughteet of Meeses, King of Phylitysis, and Distances has Wich, inversued divers Taings, and among others the Cymbol. Meese, Video erall, and the Uthous and the fact the Solit, Pacifits of Morry, who made Uli of Waspoon therein. From their Dunces was compelled substan-ces the Solit, Pacifits of Morry, who made Uli of Waspoon therein. From their Dunces was compelled substan-ces the Soliteria Admissionary, or the Entition Dunces, which was the Compelled of the Conference of the Conferenc Wherein the Domers were dread in little Coniets, with Gilt Morions, Beils on their Legs, and Swords and Bucklers in their Hands. Lucion has an expects Treatife, and Ju-lius Pallux, a Chapter on this Head 3 Athenesis, Colins Rhodieinus, and Scaliver, also make mention of this Dance. Rhodiginus, and Scarger, and make mention of this Liame.
"Tis not many Years age, fince Thomas Arbeau, a Daucing-Mafter of Paris, gave an Orchofography, wherein all the

Matter of Years, gave an Urchejograppy, wherein all the Steps and Motions of a Dance are writ, or noted down; as the Sounds of a Song are foored in Music. Tho' the famous Beauchamp has foune Pretentions to be the Investor of this

Secret, and accordingly procured an Arret in his Favour.

Dancing is utually an Effect, and Indication of Joy among most Nations: Tho' Mr. Pallepras affures us, that there are People in South-America, who dance to ow their Sorro

How their Screw. Schemakers. A Profittler of Philo-Topic Plancers, Schemakers. A Profittler of Philo-Company and the Philosophy and the Appelding cert, de Franchschit; full of Landerstein on Reportions, etc., and the Philosophy and the Philosophy and the Perfect who walks on a thick, Rene failent di to two appo-lation was presentable they what is expected by the Lattic Word Franchschiff, what. But our Report of the In-Reps, and Aminish, I walk. But our Report of the In-terior of the Philosophy and the Philosophy and the most, for they not only walk, but dome and language and the most, for they not only walk, but dome and language that the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of the Philosophy and the Philosophy and the Philosophy of th Rope-Dancer, Schoenobates. Schoenobates, and the Latin Funambulus, which every where occur. They had likewife their Gremnobates and Activations on the the activation of management, which every consistent at a Francisco of Commission and Commis where occur. his Defcendents, who was a famous Orator in the Time of Horace.

Mt. Groddeck coming from the Hitterical to the Moral Confideration, maintains that the Profession of a Rope-dancer is not allowable; that the Professions are infamous, and their Art of no Use to Society; that they expose their Bodies to very great Dangers; and that they ought not to be tolerated in a well regulated State. But coming afterwards to temper the Severity of his Morals, he allows that there are fometimes Reafons for admitting them. That the People must have Shews; that one of the Secrets of Government is to furnish them therewith, &c

The ancient Rope-dancers had four feveral Ways of Ex-ercifing their Art 3 The first vaulted or turn'd round the encling their Arts. The first washed or turn'd count the Rogo, like a Whole-I road in Arka, and there hung by the Rogo, the a Whole-I road in Arka and the strain by the downwords, refling on their Stemachs with the Arma and Lega extended. The third run along a Rope firreshifd in a right Line, or up and down. Luftly, the fourth no-celly walk! on a Rope, but made fraprising Lepus Turns thereon. See Sensexonatra. DANKELT, or DANKELT DIG Co. Contribute the DANKELT, or DANKELT DIG Co.

DARRELLI, or DARRELLI Gest in Datte in-nifying Money) was an ancient Tirbate or Contribution, which the Dates imposed on the English, as the Abbitrary Terms of Peace and Departmen. It was first imposed as a flanding yearly Tax on the whole Nation under King Ethelred, A.D.991. That Prince, fays Cambbon, Britan-san. much diffred by the continual Invasion of the Dance; to procure his Peace, was compelled to charge his People with heavy Payments, called Danagetic. At first he pay'd tooco lib. ten 1600 l. then 1400 l. after that 36000 lib. and lastly 48000 lib. St. Eduard the Confession. released the Nation from the Danegelt. William the L. and II, reassumed it. Henry the L. and after him Kins Stephen, released them finally.

DANKOELY was also an annual Tax laid on our An-cefters, first of 1 Sh, afterwards 2 Sh, for every Hide of cettors, first of 1 Sh. atterwards a Sh. tor every Hide of Land through the Realm, for clearing the Seas of Domijos Pyrates, which heretofore greatly annoy'd our Costis. Edunard the Conteffor remitted this Tax. William Land II. restfum'd it occasionally. In the Reign of Henry L it was accounted among the King's Handing Revenues 3 But King Stephen, on his Commation Day, abrogated it Day the Commandation of the Commation Day, abrogated it and the Commandation Day.

DANTELLE' in Heraldry, the fame with Danceste, or rather with Danceste, viz. a large, open Indenture. See

DANCETTE. DAPIFER, the Dignity, or Office of the Grand Mafter of the Emperor's and other Prince's Houfhold. The Word of the Emperer's and other Princ's Heufland. The Word is pur Latin; compounded of dark, adapti, as Plift of Mert fur'd in the Table, and Ferry, boars to that Daptifor Historial gradient of Billicarriac, or no Oliticar who terves the Mexts upon the Table. The Title of Daptifor was given by the Emperer of Configuration to the Case of Raffle, as a Tetilmeny of Favour. In Prince, the like Office was inflicted by Cardenauro, ander the Title of Daptifora; and Greenlandies, to which was suffix of the San Daptifora; and Greenlandies, to which was suffix of the San Daptifora; and Greenlandies, to which was suffix of the San Daptifora; and Greenlandies, the William San Daptifora; and Greenlandies, the Raffled. perintendiance over all the Uthicers of the Insurance, in England, the Office of Dayleir, was left Eminent; be-ing found in feveral of our ancient Charters named one of the Laff of the Officers of the Houdfold. The Dignity of Dayleir, is full faibfiling in Germany. Till the Year 1623, the Elector Palsin was Dayleir of the Empire: Since that Time the Elector of Benerich has affuned the Political Section 1621. Since and A me up excelled to Bosonia has addinged use Title of Arch-Dapigler of the Empire. His Office is, at the Coronation of an Emperor, to carry the first Dish of Mott to Table on Horte-back. The feveral Functions of a Dapigler occasion of the Ancients to give him divers Names. "Enolarges, and Edwary, Diposocletor, Coco-Rames. Ethenzest, and Leaver, Depresenta, Pra-cator, Trapezopeus, Architeitus, Progensta, Pra-gustator, Domosicus, Mogadomelicus, Occonomus, Mojer-domus, Seneschallus, Schaicus, Gastaldus, Assessor, Pradomus, Senefehallus, Schaleus, Gaftaldus, Affesfor, Pra-fellus, or Prapestus Mensa, Princeps Coquerum & Ma-

DARAPTI, in Logic, one of the Modes of Syllogifins. See Mode and Syllogism.

See MODE and SYLLOGISM.

DARDANARIUS, Ufarer, Monopolitt, a Name saciently attributed to fach as cased a Searcity and Destrated or Friends of Provinces, particularly Come, by buying and hoading them up, to raife their Value, and fell them again at an extra againt Rate. The Name Dardanarias was given them from one Dardanus, who made a Practice. of spoiling and destroying the Finits of the Earth by a Sort of Sovery. The same People are also call'd Erast-catores, Directarii, Sirocapeli, Amone Flagellasores, and Sebassarii.

DARII, in Logic, one of the Modes of Syllogifins. See Mode and Syllogism. DARK-Chamber, Sec CAMERA OBSCURA.

Dans-Tent, a portuble Camera abjeura, made not unlike a Dosk, and fitted with Optic Glaffes; to take Prospects of Landships, Buildings, Fortifications, &c. SOC CAMERA ORSCURA.

DARRIN in Law, a Conseptine of the Termin demire Isli, and sticl in the like Seefe, as — Zherein Cherimance. So: CONTENDENC.— Particip Cherimance. So: CONTENDENC.— Particip Cherimance. So: CONTENDENC.— Particip performance.
So: Austra of Darrin professionaria.
So: Austra of Darrin professionaria.
DARTINS, or DARTINS, in Anasomor, the lawer Cost
of the Stream, composed of a great Namber of MarioMario, The Parama haver of that the Stream is and
Mario, "In by mean haver of that the Stream is and
Mario," In by mean haver of that the Stream
is used marries. It invests the Tellides, and finesting is off
the Stream is an experiment of the Darrie
and America. It invests the Tellides, and finesting is off
the Stream is the Stream in the Stream
and America. It invests the Tellides, and finesting is off
of step, excervis, probably by Racifon this Mario: is dofe
made the Silts. So: Scanzus. Them seed in Marionalistic
Control of the Stream is the Stream in the Stream
DATA, Zhong pisses, a Term seed in Marionario and
our other Things or Quantities, which are submorn, or
two Parts. Data and Sperime. See Procursus, &c.

Footlit has an expect Practife of Data's Wheele he
gives in Magnitudes or we which we con stilling other
levels. The Stream of the West Data in Marionalists
of Civias.

equal. See Gravas.
From the primary Ufe of the Word Data in Ma-thematicks, it has been transfulanted into other Arts a replicitly Medicine, See, where it expendes any taken for granted to be fach, without requiring an imme-diate Proof for in Cortainty, called all other graves Quan-tity, Number, or Fower: and fach Things a are known; from whence their in Nutural Philolophy, the azimal Mechanita, or the Operation of Medicines, we come to quantly in Profile Wirter (All Quantum From See, 200). quently in Physical Writers call'd Data.

quantly in Phylical Writers call'd Data.

DATE, an Addition, or Appendage in Writings, Acts,
Inflraments, Letters, &c. expecifing the Day and Month
of the Year when the Act, or Letter, was pair'd or fign'd;
together with the Place where the fame was done. In
Writings of Importance the Date thould be wrote in Words

whether of Importance the Theoretical Security Workship of Importance the Theoretical Security Securit

All it is, design, her term or the remeature and reference in the profession of the Ballacy, being all gern Collen, reference in reference in the Ballacy being all gern Collen, reference reference in the Ballacy being all gern Collen, reference in the Ballacy being a great part of the Ballacy being a superior of the Ballacy being a superior of the Ballacy being a superior control of the Ballacy being a superior control of the Ballacy being a superior control of the Ballacy being a superior bein

Our Detes are brought us from Eight, Syris, affrica, and the Index. They never come to full Municity in Italy, or the most Southern Fars to System. And yet there are intensible Detes in Types from Perfect Could of their in Lappacet, Took of Toolkylas, Finger; as being mount and choling, refembling a Finger; End. of the Modes of Syllogimus. Amount of New Yorkships.

DATISI, in Logic, one of the Modes of Syllogisms. Soc Mons and SyrLonsiss, DATIVE, in Grammar, the third Cafe in the Decletion of Nouns; experding the Strae, or Relation of a Thing, to whole Profit or Lofs fone other Thing is referred. See Cast.

Tis call'd Dative, because usually governed by a

of a dermit. See C.C.S.

Tis cell d'Driver, because in allay general by a Veh. Implying funnelhing to be given to finan FerFernand and the second of the s and died in 1516. He left form Diffiple which limb to whom he promised that he would rife again the he field of three Years. Nor was he altogether a faile Popher herein, for the Magifirms of Plant Ciry, bo-posed to the property of the property of the histography, had him dug up, and beaut, nogether with his Writings, by the common Hamman. There are fall from Remains of this ridicalous Soft in Holphers from Remains of this ridicalous Soft in Holphers in the second of the property of the property of the new Remains of this ridicalous Soft in Holphers summed with the Agmentism.

particularly about Prasericeptast, where they are in-termixed with the Armenians.

DAVIS'S Duadrout. See Back-Starr.

DAUGHTER. See Frankle. The Sons and Daugh-ters of the King of England are called the Sons and Daughters of England; because all the Subjects of England have a special interest in them. See PRINCES DAUPHIN, Dolphin, in Aftronomy, See Days

DAUPHIN, a Title given the eldest Son of France, of prefumetive Heir of the Crown; On Account of

Davenus, a Title given the chief Son of Primary and prefungives their of the Cowns. O Account of the Powline of Wagneties, which in 1543, was given the Powline of Mangheim, which in 1543, was given the Powline of Mangheim of the Title Songheim of the Songheim of Title Son him to have given too much hote to their Imagines. Some will have inder'd from the Aphiliants, sensitives the interest of the Aphiliants and the Aphiliants of the Anthers place the Aphiliants of their hoteless of the Alpher in the Gallie Calphane. Others that the Aphiliants contained the Aphiliants of a Philips of the Aphiliants of th

15 J. A V. common Colon, into F, & F. int and a Longhi retreeding the two ets, 20 feet. The demonstrating the two ets, 20 feet. The demonstration of the colonion that the World was brand the model of the colonion of the World was brand the model of the colonion of the world was the colonion of the co The print the not for the Reason just assend the star it was given him at his Baptism; and added to that it was ;

this a congress was at the largeous assumed as the Collective was allowed any Thing probable in any at these Options. He deferres then, that William was to the Collective with the Collective was a state of the Collective with the Collective was a state of the Large was the Large was a state of the Large was t of the Emnily. He died in 114a. In the Hener of his Yearh Se that it must be short the Year 115a, that that Thic commerced, and without chuste, he adds, on from Eliminous Occasion. He diddress further, that this Prince was of a military Difficultion, and de-lighted in nothing four Wars, And again, that it was the Custom of the Gautlers to charge their Chila, who was the Custom of the Gautlers to charge their Chila, who was the Gautlers of them Horizon, and the Hostings of their Horizon, whose with Samorfjerms, and the Hostings all others cauged in the fame Country of the Chila of the Chila Chila of the Chila Occasion. y were dilinguist or from all others engaged fame Combat or Tournament. From all these in the

by they were diffinguish if them all allowers accorded in the fame Combit or Tournament. From all their Creamfances he conjoiners that this Gry choir the Greenfances he conjoiners that this Gry choir the Greenfances he conjoiners that the base it on his Gort in the Combiners of the Helbert and that he base it on his Gort in figure on the conjoiners of the Helbert and the Helbert and the self-conjoiners of the Allower flexis made of the Helbert makes no deally. Model, it Projected to Fallower flexis the red Dougle, the Gry the Fallower flexis made of the testing of the Against flexis the Fallower flexis to be of the fines Royal Remily, as being cell fallower to the Grown of the Helbert and the Grown of the Helbert and the Hel their own Name, and creeked is they added it to their own Name, and erected it into a Title, which has been retained ever fine. Nothing is more common in those Times, then to find proper Names become the Names of Families, or Dignities. Wintest the Memars, Arthonass, Ay-marks, Atleanast, Bereggers, and infinite others, who all the Names to Memars, the Conference of their weeders.

and the second s

Let use present her of the course of American. Day of Appearance afford him. which was taken from him by his University of the British as, the Recurse of Writis, e.p. Day; in affilied by Lamin the Tomay; and was only the Maltier of the little Curean whereof Foldshie is the Capital. State of the Course of American, which the Course of American, qualified themselves Dangham of Carons of American, and Dilipperarence of the Sun. See See No.

The Day is of two Kinds, Artificials, and Natural, Day of Graze are allowed 50 the American of Carons of

es Geidi.

Artificial D.v., which ferms to be that primarily meant by the Word Zhy, is the Time of Light; the control of the Word Zhy, is the Time of Light; the project defined the San River and Gross and the Perfect of the Control of the Control

Knistras DAY, called and Grett Zhay, is the Space of Time wherein the Sun performs one Revolution round the Earth: Or, more juilly, the Time wherein the Earth makes a Rotation on its Axis. Which the Greek more properly expels by neglectory, Nicolated Control of the Control of

The Epocha, or Beginning of the Coul Day, is the Term from which one Day begins, and in which the preceding Day concludes. The Existing of this Term is of fome Importance. This certain that for the more commodicus diftinguishing of Days, it ought to be fix'd in four Mary. commodicus dittinguirung or 2009;, it ougat to se nx d in fome Moment of Time wherein the Sun is in fome differentible Part of the Heavens. The most eligible therefore flood be the Moments wherein the Sun passites either the Horison or the Meriddin. In Effect, as there is no Moment can be more accurately deterpalies either the Horison or the Meridius. In Effect, mixed by Observation that that whom the Sais piles through the upper Meridius: if Regard he hid on the Azafheld of the Meriane, the Noon Tyles, has the Azafheld of the Meriane, the Noon Tyles, has the Azafheld of the Meriane, the Noon Tyles, has the Azafheld of the Meriane the Noon Tyles, has the Azafheld of the Meriane that the Sain being dilutelyd by the Refreshios; beide that, the Horison is a Talling, edity believed, he Religion of the Azafheld of the Meriane that the Horison is a Thing, edity believed, he Religion or Setting of the Sain Band's appear the moli comments of the Horison, and Thing, edity believed, he Religion of the Meriane, and the Ederma, exfecting for Benjaning the Natural Dept. both from the Sain Periang the Meriane, and the Enders, exfecting for Benjaning the Natural Dept. both from the Sain Periang the Meriane, and the Enders, exfecting for Benjaning the Natural Dept. both from the Sain Natural Ready Benjaning the Natural Dept. Benjaning the Natu

Greeks, &c. begin their Day with the Sun's Rifing. Secondly, The ancient Atheniaus and Jews, with the An-firians, Bohemiaus, Marcomanni, Silefians, with the mo-

Grönding, we region are thought and free, with an ellegistrate, the charges, the recommendation of the private flexibility, and the modern flexibility and the modern flexibility and the modern flexibility and the modern flexibility. The flexibility are the modern flexibility and flexibility and flexibility and flexibility. The flexibility and flexibility and flexibility and flexibility and flexibility and flexibility and flexibility. The flexy is divided into Hours; and the Week, Month, So. Into Degree See Hours; and Grouze. The flexy is divided into Hours; and the Week, Month, So. Into Degree See Hours; and Grouze. It has been a Mutter of flows Contraverly and the hash and adult to the flexibility. The flexy is different flexibility and the flexy flexibility and the flexibility and the flexibility and flexibility and flexibility and the flexibility and flexibility and the flexibility and the flexibility and the flexibility and the flexibility of the flexibility and the flexibility of the flows flows are flowed by the flexibility of the discovering of the flexibility of the discovering of the Monthey of the Day is the Monthey of the discovering of the Monthey of the Day in Law, in Law, in frequently of the discovering of the Monthey of the Day in Law, in Law, in frequently of the discovering of the Day in Law, in frequently of the discovering of the Apps and Day, in Law, in frequently of the discovering of the Apps and Day, in Law, in frequently of the discovering of the Apps and Day, in Law, in frequently of the discovering of the Apps and Day, in Law, in frequently of the discovering of the Apps and Day, in Law, in frequently of the discovering of the Apps and Day, in Law, in frequently of the discovering of the Apps and Day, in Law, in frequently of the discovering of the Apps and Day, in Law, in frequently of the discovering of the Apps and the Apps and the Day of the Apps and Day, in Law, in frequently of the discovering of the Apps and the Apps and the Day of the Apps and the Day of the Apps and the Day o

Returns of Writs; c. g. Days in Bank are Days down by State or Order of the Court when Write when Writs finall be returned, or when the Party shall appear on the Writ ferved. To be dismised uithout Day, fine Die, is to be finally discharged the Court. Days for Dir., is to be finally diffringed the Coars. Doy's
of Proficion in the Euchoquer. So EXAMERANCE,
Davis of Gree, in Commerce, are a Number of
Exchange, after the fine becomes day, i.e. site to
Time it was accepted for is expired. In England, i
Davy of Grees are allowed; So that a fill accepted
not no be payd till 1; Days. Throughout France,
they allow to Days of Grees; a many at Density,
3 at Najeles; 6 at Frence, Restriction, and AbTime-Talva, or Direct Continuence. So Doe-Days.

Dog-Dave, or Dies Caniculares. See Dou-Days. Critical Days, Dies Critici. See Carrical Days Interculary, or Additional DAYS. See INTERCAS

DEACON, Discount, a Person in the lowest De-gree of holy Orders, whose Business is to baptize, read in the Church, and affist at the Celebration of the Encharist. The Word is found from the Latin Discount, of the Greek Francists, Minister. See On-DERS and ORDINATION.

para and Orantarrios.

Danceous we influented feven in Number by the Apoline, Aff C. VI. which Number was recented a Apoline, Aff C. VI. which Number was recented as all Wise on the Communicans, and to different the Brief and Wise on the Communicans, and to different the Brief and Wise on the Communicans, and to different the Apoline Consequenter with the Stern and Municipe of a 2008-cent. But 'its now a long Time that the Romfild Coaches has probabled their Marrings and the Paper Coaches and after Differentions, they lote the Rank and the Paper Coaches and after Differention, they lote the Rank and the Paper Coaches and after Differention, they lote the Rank and the Paper Coaches and after Differention, they lote the Rank and the Paper Afferiance, in Power Ling affine time Lang of a 1 can for a 2008-cent first find a 2008-cent for a 2008-cent first find a 2008-cent first find a 2008-cent first find a 2008-cent first first

when Frieds were not ordained at lefs than 30 Lears of Age. At preferr at y lears of Age (ufficies for a Denova. At Rome, under Pope Sylveyfer, they had only not Denova; then 1ca and at last eighteen, who were call'd Cardinal Denova, to duitinguish them from those of other Charches. See Cardinal.

Their Office was to take Care of the Temporalise of the Gunsty, bods to the Rens and Clairities, to provide fire the Norellities of the Excision provide fire the Norellities of the Excision were the Depointers and Diffurbers were the Depointers and Diffurbers were the Depointers and Diffurbers are the Company of the Norellities of the Church Interaction! Though the Company of Renny, as being Mindlers of the first Church, proceeded all others, and even as Inguly note Paris of the Profite that made time five Place to the Diseases, who had the Diffusil of the Money. For Form exclusion angled this America, and provide the Company of Their Office was to take Care of the Temporali-

So, ferrar excurans against the Attempt, and proved for The Consol in Parish, which is the Ill of General Parish, Parish, which is the Ill of General Parish, Parish, Warmer of the Canada, So-dellar of the Canada, So-dellar of the Canada, So-dellar of the Parish Parish, Parish Paris cc DIACONIC.

They took Care that the People at Church be-They were not allowed to teach publickly; at least DFA T 167 7 DEA

The part in the Perfence of a Billoop se Prieft. They only infined to the Centerment. Su prepared them is Billiop the Centerment and prepared them is Billiop to the Centerment and prepared them is Billiop to the Control of the Charles.

Among the Mercutar of Monat Libbson, are two December of the Charles with them is Spering Distant, edition on the Proceedings was committed on the Sch-Dessens.

Among the Mercutar of Monat Libbson, are two December of December of Distant, and December of Distant, and December of December of Distant, edition of December of December

To fis suching of the Espitic of Equation to the People of America, where, what is died Theoremist, produced an experiment of the People of America, where, the produced America, in the Commentaries on the Councils of Circle, Loyen, in and Commentaries on the Councils of Circle, Loyen, in a side that they were endurined by the Impediate Councils of Control of Co

"Tis hard to say when the Order of Deaconeffes In hard to say when the Order of Descounglys cynired; by Reston they did not all cost to together. The 11th Canon of the Council of Leadscon, it true, ferms to abrogate them; but 'its certain they should in divers Places long afterwards. For the 4th Canon of the first Council of Orange, and the 11th of the Council of the 11th Council distance of Episman, hold in \$15, forthed the Or-dination of the 11th Council of Orange, and the and of that of Episuma, held in 315, ferred the co-dination of Descourfles, yet there were forme at the Time of the Council in Trullo. Attom of Verceli in his Villah Letter gives the Reation of their being ab-lified. He observes that in the first Algos the Mi-nistry of Women was receifary, in Order to the mater early lateral and the Council of the Council of the Council of them. taly Instruction of other Women, and Recovering them from Paganism; and that they likewise served for the more decent Adminsfiration of Baptifun to the

The series of th They fame : But that it was not then n

or Boarda, for the Difficultation of Alma, govern'd by the Regionary Decome, call'd Cardinal Decome, of whom there were feven, andwering an even Regions, the'f Chief be-ing call'd the Arth-Decome Carabinal. The Hospi-tal adopting to the Chamber the Decomey, Bad an Ad-micistrator for the temporal Concerns, call'd the Father of the Decomy, who was functions a Pricit, and forms-

this adjoinage to the Chanch of the Zinesserry, Indian Midthis department of the Chanch of the Zinesserry, and the Enter the
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Zinesserry of Landson of the Zinesserry of the
Zinesserry of Sinesserry of S

DEAFFORESTE, in or Law Sock, the king dickaged from being Fordig or fixed and example from the Soc Feature, for Fordigate Soc Feature, for Fordigate Soc Feature, for Fordigate Soc Feature, for Fordigate Society, for Fordigate Society for Fordigate Society for Society fo

DEAFNESS generally arifes either from an Obstruc-tion, or a Compression of the auditory Nerve; or from some Cellection of Matter in the Cavities of from fome Collesson of Marter in the Curities of the inner Ears or from the auditory Palifice being flooped up by fome handred Excements or, hilly, from fome Exercisence, a wieding of the Glinds, or fome foreign Body introduced within it. These board Deed are also demands, and their pals to kern any Language; at least in the common Way. How-Ears, they make the common Way. How-Ears, they make the common Way. How-Ears, they make the common Way. How-ther the common way to be a superior of the the Motion of the Lips Tompes, Gr. of the Speaker; and even assembles themfolies to more ther comthe Motion of the Lips, Tongae, Gr. of the Speaker; and even accession themselves to move ther own, as they for other People do 3, and by this motion kearn to figuelt. Thus it was that Dr. if Alleit Study two young Gradianen, born deef, to here what was failed to them; and to return permetal relievest. Deef at some the standard instance of the first, the new Knowledge and the standard first the control of the standard decision, which was the first of the standard decision, so the effectived the time in feveral Children born deef, with

furprising Success. He has reduced the Thing to a fix'd Art or Method, which he has published in his Surdus Loqueus, Amstellod. 1692. and de Loqueia,

libel. 1956.

In the Phility Trangled. N. 51s., we have an Account by Mr. Philler, M. S. Serr. of a Man and his distinct with Mr. S. Serv. of a Man and his distinct with Mr. Phility, who had nother of them the leaf Seath of Hearing, yet both of them knew, by the Mosion of our Lips only, whateve was field to them, the Mosion of the Lips only, whateve was field to them, in the second of the Mr. Seath of the Mr. S

that's Speech, which, their amounts, was yet institiuplies. Books another directs active and Mr. Goldy Directlems, Books another directs and early directlems, and the second of the preserved fire had but hereing and one free, the he he may make the learning and one free, the he he may be always and the present and the second of the seco

Tention of the hard-Domn, on that Occision. Dr.Wid-fin mentions a droff Wennan, who, if a Dorm were best in the Room, could hear any Thing very cicatity is that her Hashand hieroid a Drenmerr har a Servant, that by his Mean he might hold Course fation with his Wife. The scale, could always hear working with the service of the could be always hear very well, if the Gore Thavas.

very well, if there was a Kimping or y well as the control of the But never effe. See Davis.

DEAN, a prime Dignitary in most Cathedral, and Collegiate Churches; being utbally the President of the Chapter. See Chapter.

He is call'd Dain, Decount, of the Greek Buzz, Ten,

nne Languer. See UNIVELE of the Greek has, Tuna sheing floppid to prefix our ret Genes of rebriedarie, a tellar. See Passarsan's, G.

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Deant. See Rural DEAN.

or Confirmation. or Confirmation.

Conflatition, we are told, crefled an Office of goo Perican at Conflatinispie, taken out of divers Trades and Professions, whom he exampled from all Impositions, and bestowed them on the Carbadral Church, to render the Offices of Burial gratit to the Defunct, particularly to the Poor. That's he call'd

Diessi and Lelisenii, probably by Reafin they were divided by The Bod's in r. Each whereof bad a Bit of the Children who were considered by The Bod's in: The fupperful who wader Coopers began to be call'd Copiese, i.e. Clerks defined for Labour. For they are ufaulty rank'd among the Clerks, and even before the Children Sp. a Law of the Year 337, it appears that there were of their Copieses at Rome. So Lecritere were of their Copieses at Rome.

The Word Dean is all on applied muons us diverthat are the Ghief of fines possible dumons us diventhat are the Ghief of fines possible Gunribas, or Chanpley, as, the Dean experience, of Poling, or Chanpley, and the Change of Poling, or Change,
Result Dana, or Griban Dana, was formerly as EndBiddled Purion, book at Dillined or the Chandro or
Particular Change of Change of Change of Change
Result Dana, or Grid Ambigrolypiers, and at shift
were book in Order, and Ambienty, above the Anthether Change of Change of Change of Change
were book in Order, and Ambienty, and at shift
were book in Order, and Ambienty, above the
Anthe
there were considered by the Street Change
and removed, at the Different on the Biddley
and leaves they were called 'Dean' Gripforni, to
call'd' Deansi Perpetti. See REALE 'Dean.

We meet with Kand' Deans is a grid as the NotWe meet with Kand' Deans is anyla at the Not-

call'd Denset Perpisis. See Runas Diese.
We meet with Kern'd Daxons as eight as the AbiDeasen, referre the Right of Election of the ColDeasen, referre the Right of Election them to hisdiff, and only allow in to the Arch-Deasen, in Cultted and any allow in to the Arch-Deasen, in Cultted and the ColCarrelgiely. Be this as it will, it is centin they are very ascert in Practs, Corntony, and Deploys, are very ascert in Practs, Corntony, and Deploys, and the Lord of the ColCarrelgiely. Be of the ColCarrelgiely. Be of the Set of the ColCarrelgiely. Be of the said with the colCarrelgiely. Be of t

COPUL.

DEAN, in the ancient Monasteries, was a Superior Chabifal'd under the Abbet, to case him in taking Care of ten Monks; whence he was call'd Decamp, in limitation of those Officers among the Romansus, who had ten Soldiers under them. Till the comms, in Imitation of these Officers among the Re-muss; who had ten Söddiers under them. Till the Time of St. Bronelist, there were usually in-boundary a Pervoid, Pro-physikus, and Several Dieses, Decemi, under the Abbot. In some Abbits, there was but one: Doesn, and he, bless'd by the Bildon, as well as the Abbot himstell. This Privilege gave him Ocea-tion to kink himstell in some Menture the Abbot's non to think himfelf in fome Medfur the Abbert, county and to ferrapic Obedience to him. So Pensidif was femilies of this Inconvenience, and to present in his Order, appeared that the Montheries Faceld be govern'd under the Abbert by Several Desart, whole Authority being thus Basted, they would be held slaggerous.

the leis dangerous.

The Office of the Deans, we have observed, was to have the Inspection of ten Monks, to look to their Working, and all their Exercites. They were not chose by Sentoniety, but Merit; and might be deposed after three Admonstions. The Monatteries being

field after three Admonstrates. The Montileties being our Jels memoram and the fay use in a social Thines, one of the memoral and the social Thines, and of being saidly, So that Direct are fee a-folds. DEAN and Caderry Anicative, Melhope off our DEAN and Caderry Anicative, Melhope of our Prosperior wasse principalities, who wave then call? Southern English, and Collegate of the Biflerys, re-portered in form Mentine by our Carbotania, where the Ridge's Souranea, to still their in Collections, the Ridge's Souranea, to still their in Collections, other methyl Common, as still their in Collections, and other weighty Concerna of the Caderra. See Gal versa-DEARTICULATION, in Anatomy.

DEATH, Mors, is generally confider'd as the Se-paration of the Soul from the Body; in which Senfe it fitsads oppefed to Life, which confifts in the Union thereof. See Life. e Live.

therrot. Sec Liyz.

The Physicians generally define Death by a total Stoppage of the Circulation of the Blood; and a Cellision of the animal, visit, Sec. Functions configuration, and thereon; As, Refipiration, Senfation, &c. An animal Body, by the Aclions infeptable from Life, undergoes a continual Change. Its finalled Pises become rigid, its Minune Veilels grow into folid

bees occume rigid, its Minute vetters grow into tolial Fibres in longer pervious to the Huids, its greater Veffeis grow hard and narrow, and every Thing be-comes contracted, clofed and bound up; whence the Drynefs, Immobility, and Exercustion observed in old vetters. Age. By fach Means the Offices of the minuter Vefthis are definely the Human dispatis, briden, and at length confetie with the Solids. Thus are the Rediction of the Solids of th

Teilin, cut the work must See Different.

Drant-Watch, in Natural Hiftery, a little Infect fismess for a ticking Noife, like the Beat of a Watch, which the Populace hate long took for a Prefinge of Death, in the Family where it is lead; Where it is also call'd Pediculus Fatedieus, Marrifaga, Pulfarent in also call'd Pediculus Fatedieus, Marrifaga, Pulfarent in also call'd Pediculus Fatedieus, Marrifaga, Pulfarent in the Company of the Co

is also can'd Pedicurus Festidicus, Martifage, Punga-parins, &c.

There are two Kinds of Desth-Watches: Of the fifth we have a good Account in the Philosoph Transact. by Mr. Mien. It is a finall Bectle & of Translatt. by Mr. Alten. It is a finall Becule & of an Inch leng, of a dark brown Colour, fportod; pellaced Wings under the Vagines, a large Cup or Helmet on the Head, and two Antenne proceeding from beneath the Eyes, and doing the Office of Probolitides. becent the Eyes, and delay the OREs of Fredericke. The Part is better which, he defered, and the travers Edge of the Face, which he chafes to call for, and typic underscath, out of View. In Figure, as its appears in a Microdeops, for expeditional of Tel-Manuel Highery Fig. 1.

"This Account is confirmed by Mr. Derbons, with this This control was the characteristic and the characteristic and the oldered the infect on the other part of the characteristic and characteristic and the characteristic and the characteristic and characteristic and the c

its Fore-head. He had two, a Male and a Female, which in Fore-head. He had two, a Male and F rends, which he kept a live in a Box, feeral Manths, and coasil being ease of them to best whenever he plea'd, by Insistency is Bosting. By his ricking Nofe he coasil froquency by invite the Male to get up upon the other in the first the state of the s

Wite this other to Copusation. The fecous Kind of Death-Watch is an Infed in Appearance quite different from the first. The former only bears you or 8 Stricks as a Time, and quickers. The latter will bear from Hours together, without factoristics, and the stricks are more leafurely, and the termifices, and his Brockes are more leafurely, and the stricks are the stricks of the stricks and the stricks are the stricks are the stricks and the stricks are the stricks and the stricks are the stricks are the stricks are the stricks and the stricks are the str ift infect, much like a Loufe when viewed with fac-uated Fye. In Figure, as magnified, if seen in 7-4. Mores, High Fyy. I. It is very common in all Parts of the Hole in the Summer Mordaris. I sery nimble in man-ing in Dickery and the off Bosting when distarted, the Beating, if you can view it wise allow after the Beating, if you can view it when it lost, the Beating is you can view it may obe Things, but never heard their Noile except in or near Paper, when ever heard their Noile except in or near Paper, which we have the seen in the second of the paper. elle cannot lay, whetmen they beat in any other Image.

As the words, the finest part are not repeated, and the words are the state of the state of

Whether this Infect change its Shape, and be-come another Animal, or nor, he cannot fay; the be has fome Caufe to furped that it becomes a Sort of Fly. This at first a minute white Figs. be has fome Caufe to futfect that it becomes a Sect of Fly. This at first a minute white Egg, much finaller than the Nits of Lies; the 'the Insect is near as big as a Loufe. In March it is hastrid, and everys shout with it as Shell on. When it first lawes its Shell, 'tis even smaller than its Egg; the' DE B

The B that is finere differentle without a Microloope, In
this Stere 'en perfeitly like the Microfiner like stere 'en perfeitly like the
Microfiner like 'en perfeitly like the
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of his Arrange day and so the like the Enchoquer, and the
All Nature and the Audition of the Audition
of his Arrange day and the like the Enchoquer, and the
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Wages, and the like.

The Word is mention'd in the Act of Oblivion, 12. Car.

The Word is mention'd in the Act of Oblivion, 12. Car.

It. Cap. II. and fince the late Revolution, has been wied in many Acts of Parliament, especially in that which relates to the forficted Effects in Ireland, out of which the lates to the forested hitstes in Ireland, out or which the Soldiers Debentures are appointed to be fatisfied,

DE Rent efft, = Letin Phrafe wird in our Law-Books: Doing or to do a Thing, Db lets effect and the search of the control of th

in own Nature; or, as we tay, Valeat quantum ou-lere pergl.

Thus, in Chancery, upon Motion to have one of the less principal Defendants in a Caufe examin'd as a Witness, the Court (not then thoroughly examina Wincels, the Court (not then thoroughly examining the Justice of it, or not hearing what may be elected on the other clot of them orders find a Defendant to be examined Do them orders find a Defendant to be examined to Expected at the Hearing of the Cauffe upon a full Despection of the Hearing of the Cauffe upon a full Despection of the Hearing of the Cauffe upon a full Despection of the Hearing of the Cauffe them of the Despection of the Hearing of the Cauffe them of the Despection of the Hearing of the Cauffe them of the Despection of the Hearing of the Cauffe them of the Despection of the Hearing of the Heari Well-being or conditional Allowance

DEBILITY, in a Medicinal Sense, is a Relaxation the Solids, which induces Weakness and Fainting.

of the Solets, which induces Weakness and Fainting. DERRULEZED, or DERRULED, in Heraldry, when we would imirate the grievous Reifrain of any Asimal, which is debarf of in natural Freedom by any of the Ordinaries being laid over it.

Thus when a Pale, Ge. in been upon a Beaft in an Efcustheom, the Beaft is fail to be debruight of the

DEET, a Thing due, whether it confirt of Money, or Goods, or other Parellations. By our Law, Debts due to the King are to be fa-tisfied in the first Fince in all Carts of Executorship, the confirmation of the Cart of the Cart of the the Cart of the Cart of the Cart of the Cart of any other Carton.

of any other Cecitist.

There are divers Kinds of Debts: Allive Debts, are these whereof a Person is Creditor: Passive Debts, those whereof a Bebow. There are also Real Debts. They found, or Meditary Debts, and Mixed Debts. Covergraphary Dibts, is that due by Virtue of Note, or

Corngraphery Diels, is that due by Virtue of Note, or Writing under one's Hand, and proved in Judicature. Hypersecary Biels, is that due in Virtue of Fome Contract, or Condemnation. Principally, is that contract, or Condemnation of Lands, Sc., the whole Parchaft whereof has not been pad. Printinged Diels, is that which must be fairfied before all others; a flag with the support of the Parthaft whereof has not been pad. Printinged Diels, is that which must be fairfied before all others; a flag with the printing the print the King's Tax, Sc.

the Kings Tax, Cr.

DESTOR, a Person who owes something to another: Ja Opposition to Creditor, which is he to
whom-if is own. See CREDITOR.

DECAGON is a plain Figure in Geometry, baving Sides and Angles

If they be all equal to one another, it is then call'd a If they be all equal to one mother, it is then call'us a Regular Design, and may be individed in a Circles Concerning this Figure, the chief Property is, that by sides of a Regular Designer are, in Power and Regular Designer are, in Power and the Concerning the Concerning to contract the Concerning to contract the Concerning of ten Battleon, in functions and more reported to the Concerning of ten Battleon, in functions and let a 20 ft feet.

DECALOGUE, the ten Commandments of God, agraven on two Tables of Stone, and given to Mofes.

engarca on two Tebles of Sune, and given to Noger. The Word is Greek, composed of Fus., Tr., and Ajony, Word, g. 6. Ten Words. Accordingly, the freew catchess Christian They the Words, which April 1997. The Composition of the Composition of the Advanced Christian and the 17th Verific of the XXth Chapter of Ending, and after the 18th Verific of the Vith Chapter of Ending.

an eleventh Commandment, to build an Altar Confuls. One among them had all the Enfigus and Honours onity, no determit Commandencest, to boild so Altra-om Moura Grissing, &c. Bet it's appearedly an Inter-polation, to authorise their having a Temple and an Autor on this Mountain, and to directed, if possible, the Temple at Terripitane, and the Working there per-formed. It must be acked, beswerer, that, the all, both Jess and Christians, agrees in the smakes of tem-commandences of the commandences of the

Commandments, there is fome Difference as to the Manner of dividing them. Populate after them, in his Treating, for the Manner of the Manner o

They sidd, that the Directlegae was wrote in Letters Chight, it. in Luminous, Shining Letters, Part Line Comments of the Comment of the Comme

DECAMP; when an Army raifes its Camp, and departs from the Place where it lay before, they fay, it is decomfed.

It is desermed, among the Romani, an Officer who had ten other Officers, or Perfox, under his Charge, whence our English Dean. See Dalax.

DECANTATION, in Chymiltry, Ge. the AR of pouring out a Eliquer from of the Frent, See, by genty inclining the Lip or Centrus of the Vetfel; whence the Word: deserved. See Cashwish.

the Word is derived. See CANTER
DECAPTEE, in Heraldry. See Darpart.
DECAPROTI, among the Ancients, were Officers
who gathred the Tributes or Taxes. The Decaptes
were obliged to pay for the Dead; or, to answer to
the Emperor for the Masta Parts of facts as died,
out of their own Ellares. George in his Oration for

out of their own Effines. Georg in na Version Referen, cils them Decempring.

The Word comes from Piese, Ten, and rpöres, first ypubbly by Reafon the ten first, or principal Perfoss of each Community, were chose to make the Levisei-DECASTULE, in the ancient Architecture, a beliefing with an Ordonance of ten Columns in From. The Columns in From. The Columns in From the Columns of the Columns in From the Temple of Jupiter Olympins was Decayyle.

Word is form'd of Auss, Ten, and vulue, Column.

DECEMBER, the last Menth of the Year, wherein
the Sun enters the Tropic of Capricom, and makes
the Winter-Solflice. See Monyra.

In Romalus's Year December was the 10th Month, whence the Name, vie. from Decem, Ten: For the Romans began their Year in March. The Month of December was under the Pracetion of Vefa. Romadas affign'd it 30 Days ; Name reduced it to 29, and Ju-

Ites Cefer to 1t.

Under the Reign of Commodus, this Month was call'd
out of Flattery Amasonius, in Honour of a Courtezan,
whom that Prince patientsely loved, and had got painted
like an Amason; but it kept that Name but during that
Emperor's Life. At the latter End of the Month, they had the Governles little, and the Country-People kept the Featt of the Goddels Vacana in the Field, having then gotten in their Fruits, and fown their Corn; whence

vett is in.

DECEMPEDA, an Infirument of ed by the Ancients in Mexifuring. The Decempeds was a Rule, and or Red divided into the Feet, whence its Name from Decempent of the Period of t

It was greatly used both in Measuring of Land, like the It was greatly used both in Measuring of Land, like the Chilm among us; and by Architecks, to give the proper which (Fe it fell) retains. Herece, Lib. II. Od. 13, Immer-ing the Magnifectore and Delices of the Buildings of his Time, observe, that it was otherwise in the Times of Remutus and Cetts, that in the Haufes of private Perfora there were not then known any Portico's mea-tured out with the Decomposite, not turned to the Norte,

turd out with the Decempess, nor turnd to the North, to take the cool Air.

DECEMVIRI, Magistrates among the Romon, created with a forestign Power, to draw up and make Laws for the People; Thus call'd by Reason the Power was committed to ten Person together.

To the December was given all the Legislative Au-thority ever held by the Kings, and after them by the

of the Function; and the reft had the like in their Turn during the Year of the Decembers. Twee the The during the Year of the Decembirst. Two the Im-centures down up the Law of the Twelve Tables, call'd theace the Lages Decembirales, which for a confider-able Time were the whole of the Roman Law. In-ternational Confidence, the Confidence, and Y. Geometra Anguriums, were obliged to abdicate; upon which the faith Decembirs were created. The Year which the first December's were created. The Yest following ten new one were appointed to foucced them, and in the Year 504 months Set were to have been chosen; a tent that the People rofe, made them lay down, and relumed the Corolik. The executive De-backery of Applies Classian Conflicts, one of the Con-flict, who was first deliged to abelicate, and who had been closed first December there them, was tep-the-med conflicts of December there them, was tep-the-med conflicts of December there them, was tep-the-ter than the Conflicts of the Conflicts of the Historicans[feet, Lib. X. and Forent, Lib. C.2.4, goverthe Hiftory.

the Hittery.

The Determinal Administration, however, it is to be observed, had not in first Rife at the Time when the Ambertory of the Corals was devoted into the Hitale Ambertory of the Corals was devoted into the Hitale Coral of the Coral of Albira, which the Sente then took upon them, it call of by Hiliceraeffert, Lib. II. December 1, by Reference 1, which is the Coral of the Coral of the Coral of the Coral of Coral of the Cor

LES SECVIDI DECENNALES, VOTA SOI. DECEN. II. VOTA SVSCEP, DECEN. III. These Vows must have been made at the Beginning of every reth Year; for on the Medal of Pertinars, who fearer regind 4 Months, we find VOTA DECENN. & VOTS DECENNALIBVS.

SE VOTIS DE-LENNALIMYS.

SPRINGER in his Adult, Rounes. Syntagme, Cap. IV.

is of Opinion, that thefe Yows took Place of those which
the Carfor used to make in the Times of the Republic
for the Prosperity and Preservation thereof. In Effect,
there were below the Prosperity and Preservation thereof. for the ProSperity and Preservation thereof. In ERSC, they were not only made for the Prince, but also for the State, as may be observed from Dign. Lib. VIII. and Pitary the Younger, Lib. X. Ep. 101.

Anguster's Aim in Establishing this Peasl, was to

and First the Yanger, Lis. X. Ep. 10.7.

Applying has an indishibing the Feelly water frequency and an indishibing the Feelly water frequency and the Feel State of the Feel S

tions. See FRACTION.

MAL FRACTION DECIMAL Fractions are those whose Denominator is one, with one or more Cyphers; 28, 10, 100, 1000, 1000, 1000, Ge. Thus to 100 to Ge, are Decimal Frac-

In the Writing of Decimal Fractions we usually omit the Denominator, as only confifting of Unity with Cy-thers annex'd: And in lieu thereof, a Point of Cyprefix'd to the Numerator. Thus, is is wrote .5;
46; and .125 expresses an Hundred Twenty-Five 246, 46; and .125 expectes an Humarca awemy-rave parts of any Thing, supposed to be divided into suco Parts.

In Decimals it is chiefly to be noted, that as Cyphers In Decimals it is chiefly to be noted, that as Cyphers in the right Hand of Integers, do increase their Value Activation 3, a, 2, 2, 2, 20, 0%. To when for on the left Hand of Fractions, they decrease the Value decimally; as 5, 5, 0, 5, 0, 5, 5. St. tet on the left Hand of Integers, or on the right Hand of Fractions, they denote the value of tegets, or on the right rland of Fractions, they fignify nothing; but only to fill up Places; thus, ,5000, or

corp. It but five Unix.

To reduce any Fulgar Fradlim, of Suppole 1 to a Decimal Fradlim of the Sime Value, whose Denominare Stall be record fully by Reals of Shree, as 8 Numerator: So will tools, the Denominator slightly to a 4th Term, which by Working will be found to be \$35, and therefore, \$1.24, or, \$5.24, is a Decimal of the flow Value with the Sumre Fradlico \$5.

the same value with the tormer Fraction g.

The common Operations in Decimals are perform'd
as in the Vulgar Rules, regard being had only to the
particular Notation, to diffinguish the integral from the

Fractional Part of a Sum

In Addition, and Subfraction of Decimals; The Points being all plac'd under each other, the Figures are in he added, and fabilitated as in common Ariebmetics to be added, and flabstracted as in common Arithmetic: And when the Operation is done, fo many Figures of the Sum, or the Remainder, are to be noted for *Decimals*, as there are the most Places of *Decimals* in any of

iven Numbers. An Example will make this					
Addition of Decimals. Subfiraction.					
543791 792 6124 053 10 2	59 ,271 15 ,040 3 ,791 12 ,009 7 ,5 97 ,692	From 67,9 Take 29,8754 Rem. 38,0246 From 25,1462 Take 13,07 Rem. 12,0762			

For Multiplication of Decimals, observe to cut off gulf to many Decimal Parts from the Product as there are Decimals in both Factors. The Work is the same as in Integers, Thus, es in Integers.

Multipl	ication of	Decimals:	
,1472 ,175 7160 10104 1472 ,157560	,112	5,650 7300 21900	Note, In the fecond Example, the Product only a mounts to five Places; to which Reason a Cypher i prefix d, to make up o Decima Places; there being so many in the two Factors.

In Division of Decimals, proceed in all Respects as in Dividing of Integers; and when the Operation is done, mark as many Places in the Quotient for Deci-mals, as, with the Number of Decimals in the Division are equal to the Decimal Places of the Dividends.

22) 8,030 (,365
143
132
110
110
***0
75,2) 8321,9 (1,13
1002
_732
2729
2196

But there are certain Cafes in Divisions of Doctorals, which requise forms further Management 2.8, fair, where the Division is a Decimal Prediction, and the Division and the property of the property of the Division of the property of the Division of the property of the Division of the But there are certain Cafes in Division of Thecimals viez. Thus, 36/3 22020 (for. Thirdly, Wheever the Divide is bigger than the Dividence, some Cy-phers to the latter. Thur, 36/3 to the Sale and Sade rivided decimally. Best, particularly, certain Sade at Sancy, Weights, and Mediracs, made from Tables, the Company of the Company of the Company of the Sancy, Weights, and Mediracs, made from Tables, the Sale and Sale Medical Sale and Sale and Sale and Sale and Sale and Sale Sale and Sale Sale and Sale

of Moory, Walph, or Muriare.

DECIMATION, a Penilimena which the Remousach
to insilic on the Soldiers who had quirted their Post,
or raided a Maniny in the Camp, or both and represent the soldiers who had quirted their present the soldiers who had quirted their present to the soldiers who had present the soldiers who had been a soldier to the soldiers who had been a soldiers who had been a soldier to the soldiers who had been a soldiers who had been a soldier to the soldiers who had been a soldiers who had been a soldier to the soldiers who had been a soldiers who had been a soldier to the soldiers who had been a soldiers who had been a soldier to the soldiers who had been a soldier to the soldiers who had been a soldiers who had been a soldiers who had been a soldier to the soldiers who had been a soldiers peach'd, and reproach'd them; with their coward-ly Actions and Balenets in the Prefence of the whole Arly Addison and Belford in the Prefence of the whole Air-may 1 Then, parting their Name on IU.n, or Head-Fleee, the drew five, text, or treaty or IU.n to Head-Fleee, the drew five, text, or treaty or IU.n to their Names's or their Names's and the Fifth. the Thouseweller T-Vesterich, were put to the Sword, and the others five vold. This was called December, a Word of the ancient Reman Militin, who, to punish whole Legion, substantially the III.n to II.n to II.n to II.n to II.n to substantially the II.n to II.n t

DECINERS, or DECENNIERS, or DOZINERS, DECINTERS, or DELENNIERS, or DOLINESS, in the sacistal Moments of our fax, or fixed a war we want to have the Corright, and Check of the Probught, who provides the property of the property o

"Knights cldeft Sons, and Women."

A Deterin now feems only to extend to far as a LectFor in Lects only this Oath is administred by the
Steward, and taken by fach as are twelve Years old and
upwards. See Lery.

DECK of a Stit, a Kind of planked Floor, where-en the Guns are laid, and the Men walk to and fro, ferving as a Ceiling to feparate the Stories of the Ships or other Veffel

6 Herrie and Ship is field to herr two or charce Drebs, when it commits a set Shurkis in the Green The Mount in the Mo Hence, a Ship is faid to have two or three Decks, from the Main-Mair to the Stern or the onip: As alto a Querrer-Deck, which is from the Steerage a-loft to the Mafter's Round-Honfe. Semetimes there is a Spare-Matter's Round-Honfe. Sometimes there is a Spare-Deck, which is the uppermot of all, being between the Main-Mail and the Militer, call'd alfo the Orloge. A Rope-Deck is that made of Cordages interwove, and firested over a Veifel that has no Deck, through which fleetch'd over a Vestel that has no Zeese, through which 'its caft to amony the Enemy who comes to board here, and has leap'd thereon. These are little urted but in Merchant-Vessels, to defend them from the Cortains See Surry, and Navy.

DECLAMATION, a feign'd Discourse; or Speech inside in public, and in the Tone and Manner of an Ora-

tion. Among the Grecks, Declamation was become the Art of Speaking indifferently on all Subjects and all Side of a Quellion of making a Thing appear gift that was unjud, and triamphing over the helf and founded Reafferen. Such Sort of Declamations M. 48: J. Foroussian of Declamations M. 48: J. Foroussian in the Company of the Company

upon, rather than folid Reations to convince.

Among va, Declaraction is refirmed to certain Exercifes, which Scholars perform, to reach them to fpeak in public. A Declaraction squint Hossiehd, squint Perrins, the Declaraction of Seattlein, Sc. In the Celleges of
the Jefuites Declaraction are little Theatrical or Drum-

the Performances, confiding of a few Scenes not divided into Acks, reheard by the Students by Way of Exercife, and to form them for Speaking in public. Such Decisions are the most ureful Exercifes performed in the

Colleges.

DECLARATION, in Law, a Shewing in Writing the Grief and Complaint of the Demandant, or Plaintiff, and the Defendant, or Tenant, wherein he is fappefed to have received tense wrong. This ought to be plain and certain, both because it impeached the Defendant, and allo compels him to answer thereto.

and also compels him to andwer thereto.

Dec. Analyzor is also used for a Confellion which
the Quakers, who feruple taking the Outles of Supermany, For. are folliged to make used finishers he lise threeof. In Tener is a follem Present's beines God and the
World, to be two to King Group, with a Deceletion
and Herors of that damasche Fention, that Princes, cocompellation and the Conference of Prover, has any Kight, Justidicilier, or Authority in this Kingdom. ity in this Kingdom.

thority in this Kingdom.

DECLENSION, in Grammar, an Inflexion of Nouns, according to their divers Cafes; as Nominative, Gentities, &c. See Cases, Nominative, Gentities, &c. See Cases, Nominative, The Declenfiew of Nouns is a different Thing in the modern Languages, which have not properly any Cafes; from what it is in the ancient Greek and La-

Caffer, from whit it is in the medicat terror was active, which have, in which have, in which have, in which have, in the Normal and the Company, wherein the Normal and the Company whether in the Bigginster, the Normal and the Engling, in property the Experience of the Experience of the District Conference of the Molley of the Engline, the Molley of the Conference of th

Now PLACE.

Hence the Declination is an Arch of a great Circle, as GS, (Teh. Afternamy Fig. 4.) intercepted between a given Point, as S, and the Equator AQ, and perpendicular to the fame. Confequently, the Circle, by whose Arch the Declination GS is meatured, possess through the Poles of the World. See CIRCLE of Declination of the Conference of the Conference of Declination of the Conference of Conference of Declination of the Conference of Confe

natiein. The Declination of a Star, &c. is found by first bobiering the Altinuck of the Pole as PR, Cf. de. Affer-many FR, 5. This inhibitual cone, gives the Height of the Lyauter AH. Then, the Mercidian Altinuck of the SRs, HJ, being offered, if it he grateer than the Altinuck of the Equator, AH, the latery finite and from the former leaves the Sectionaries Northward AD P. Os, if the Comme leaves the Sectionaries Northward AD P. Os, if the College of the Comment of clination Southward TA. e.g. Tyche at Vranish observed the Meridian Altitude of the Cauda Leonis

Altitude of Equat. HA 34 5 20

Declinar, therefore, AD 16 53 40

Declinar, therefore, AD 16 33 40—
If the Star be in the Quadrant ZR, then the leaft Altitude MR fablicached from the Altitude MR fablicached from the Pole PM, which PM, leaves the Difficace from the Pole PM, which Consider the PM of the us by Ricciolus and Dechal

By comparing the ancient Observations with the m By comparing the ancient Outervations with the mo-dern, it appears, that the Declination of the first Stars is variable; and that, differently, in different Stars. For in forme it insteads, and in others decreases, and that in different Quantities. The greatest increase or Decrease doth not exceed three Minutes and a half in 10 Years

It has been greatly diffured among the latter Ma-thematicians, whether or no the Decimation and Ob-liquity of the Ecliptic be variable; but the Point feems now decided in Favour of the Immutability. See OBLI-QUITY, and ECLIPTICE.

Circle of DICLINATION is a great Circle of the Sphere, paffing through the Poles of the Worls', Such is PGDN, poling through the Poles T and K. Persialize of the DECLINATION is an Arch of the Circle of Declination, whereby the Parallac of the State Sta

Star. See Paralla.

Refraction of the Declination, an Arch of the Circle of the Declination, whereby the Declination of a Star is increased, or diminished, by means of the

Refraction See REFRACTION.

DECLINATION of the Needle, or Compain, is the Variation from the true Meridian. See Variation the Needle.

Of DECLINATION of a Phane, or Wall, in Dialling, is an Arch of the Horizon, comprehended either between the Plane, and the Prime Vertical Circle, if you account it from East to Well, or between the Mendian, and the Plane, if you account it from the North, or South. See Declines.

Esits Well, or between the Mendelian, and the Plans, if you account formed by a view but he Deceasara. The most head of the Plans of the Deceasara was a superior of the Deceasara was a super D and E, the Plane declines to the West; or, if be-tween AE, to the East by the Quantity of the Angle

GPE.

The fines Influenced will force to take the IndiThe fines Influenced will force to take the Indificed of the Rader and Nodela, a Thread with a Fluenure it firmt an F is in the Center E. Then the Side
BC of the Declarate ABCD in being registed to BC of the Pointer ABCD in the Fines E.

The Center is Senior Check ABCD in the Fines E, the
Flue is Heisenstell 5, Or if it on the Quadrant ELP
Cor act the Senior Check ABCD in the Fines E,
Flue is Heisenstell 5, Or if it on the Quadrant ELP
Flue is Heisenstell 5, Or if it on the Quadrant ELP
Flue is Heisenstell 5, Or if it on the Quadrant ELP
Flue is the Planes of the Plane is Vertical.

The Company of the Planes of the Planes is the Company of the Bellevia of the Plane
and Equator 5 it is callly known, whether the Plane
and Equator 5 it is callly known, whether the Plane
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DECLINES, or Dealing Dial, as their which can either the Plan of the print. Vertical Gold, or as the first plan of the print. Vertical Gold, or all we conclude the Plan of the print. Vertical Gold, or all we conclude the Plan of the print. Vertical Gold, or receive a Brita, upon a cight Line down concluded the Plan of the Plan o

DECLINING, Erect, Inclining, Diels. See DIAL.

DECLIVIS, in Anatomy, a Muscle of the Abdomen, call'd also Obliques Descendent. See Obliques De-

DECLIVITY. See ACLIVITY.
DECOCTION, the Act of Boiling one, or more sharts, or other Drugs, to extract the fuice out of the fame for fome medicinal Purpole.

**Proceditions of Genicia, and Sartiparilla, are the common Drink in certain Difficiles, See Aporem, and

INFUSION.

Mon?

DEC.

Marie figuline afferts of from his own Experience, what the Infeiens of Vegetable Paragraves and better and probles better Effects, than their Thousdame; a public Paragraves and better. Amounted to Head Marie and Head Marie a

firities back a little; The Emperor immediately speed the Fault in that exquisite Performance; and to con-vince the Embassador thereof, fent Orders for a Man to be immediately beheaded, and his Head to be heught for a Proof. Catherines Traite de la Pein-

DECOMPOSITION, in Chymliftry and Pharmacy. DECOMPOSITION, in Chymlftry and Pharmacy, the firme Thing with Apalysis, or Refolation, viz. the Reduction of a Body into the Principles, or component Parts it confifts of. See Analysis and B.

Townton.

Decomposition, is formetimes taken for any Seriof Refolution, or Separation of Parts: In Propriety,
however, Decomposition is a Process of an Artist, in
ander to a Separation of the Heterogeneities, or Im-

order to a Separation of the Heterogeneities, or Imparities from any Matter.

Tradition, founded on repeated Experiments, is a much furer Way of sarriving at the Knowledge of the Properties et a Plant, than any chymical Analysis, or Decomposition of its Principles. See Many.

hfs, e Decomplisies of in Principle. See Murn-chitecter and the control of the C ing another befure it. This latter Sort of Decoration is fill ufed, and apparently with much greater Societs than among the Ancients, who were obliged to draw a Cartain whenever they made a Change in the Decoration; whereas on our Grage the Change in made in a Moment, and almost without being perceived. See THEATRE

DECORTICATION, the Pecling, or Unhulking of Roots, Seeds, Fruits, Branches, &c. or the Freeing, of them from their Barks, Rinds, Hufls, or Shella

RAPE

of them from their Barths, Kinde, Hitalis, or Sachis-DECORLIM, DECOR, Decrees, is particularly util in Architecture, for the Sulatsburst of a Bulding, which was a superior of the sulatsburst of a Bulding, so the sulatsburst of the sulatsburst of the Bulding, so the sulatsburst of the sulatsburst sulatsburst of the sulatsburst of the sulatsburst of the the Difference and the sulatsburst of the Sulatsburst of the Difference and the sulatsburst of the Sulatsburst of

DECOURS, In Heraldry. See DECREMENT,

the Events

The Decrees of Councils, are the Laws made by them; to regulate the Doctrine and Policy of the Church.

Camor

GASON.

Decreé was originally ufed by the Lawyers for any
Thing ordain'd by the Prince, upon Cognizance of
the Caufe: But the Canonills now refitzin the Word
Decree to the Ordinances of Poptes; as the Name Coson is to what is ordain'd by Councils.

The Decrees in Chancery, are the Determinations, or Sentences of the Lord Chancellor, upon full Hearing, and Weighing the Merits of the Cante. See Chancers.

Weighing the Marin of the Carl. See Causeans, DFCREMENT, in Heraldry, by the French Heralds studied call of Decester, in the Woods, Decester, in the Wings, or Decester of the Mono, when the a receiving from the Jot usereds the New Computer, the Wings, or Decester of the Mono, when the in receiving from the Jot usereds the New Computer, or a Decester; Since to call it a Confession, would be improper, as that Term denotes in Interesti-tion of the Computer of the Computer of the Part Mono looking to the irid Side of the Education, the right, file is Confession, or in the Interesters. DECREPATION, in Clymidity, Daylong, and Calculage of Sair ever the Fere, continued cill fash Term and the Computer of the Computer of the Term of the Computer of the Computer of the Term of the Computer of the Computer of Term of Term of the Computer of Term of

Time all it ceales to crackle. See SALT.
The Term is also applied to the Noife, or Crackling of the Salt during the Operation. The Defiga
of this Operation is to free the Salt of its fuperfluous Modifiare. But the Salt is hereby rendred fo-

Perfin, to make a Collection by his Authority. Accordingly, Perris Enversations, 1 Austra, or, as other fay, F. Raimond, a Dominicus, was appointed for that Work; Wicklich in the only Ocletchin authorized by the holy Ser to be read in the Schools. Benefites the Villain, in 1157, made a new Collection, under the Name of Serters, ocetalizing 3 Beoles. Clement His III and made a their, under the Tiltie of Commerciary, And John the XXIIII, under that of Exprogrammes. So Clement 1188, and Extra XXIII.

All the Decreasi; attributed to the Psyca before Striction, in 1th, an evidently hypothesis. All the Striction, in 1th, and the striction of t All the Decretals attributed to the Popes before

DE-

DECUPIE, in Aritmetic, a Term of Relation, or Proportion, in Aritmetic, a Term of Relation, or Proportion, in Aritmetic, a Term of Relation, or Proportion, in Aritmetic, and the Scale and Sc

a Dicurio commundol.
DICUSAGITON, in Geometry, Opticks, Anatomy, Gr., The Point wheelers two Links, Key, Lee May, Gr., The Point wheelers two Links, Key, Lee Alcien tells of Coefficient.
The Optic Nervas of the year of the Bestin 5 to which Discontinuous, many Anthers attribute it, that we fite fingle with two Eyes 1 Others days any Discontinuous of the Western Coefficient of the Coefficien

they reach the Review. See Caveractives.
There are dress Marlies, Members, 65: the designed of the control of t find a Word of three Characters, whereof when Q, and the last is not an E, it must be an I. In all Words of two Letters 29, and the last is not as he, it small be as h. Firmly, in all Words of two Letters, one of them is a Vowel. Sixthly, Of the three first Characters of a Word, one of them is a Vowel. Seventhiy, The Vowels being one deep-pher's; the Confonants are readily found by the Conservation certain Confonants usually have with certain Vowels.

xion certain Configurate utually have with certain Council, DEDI, in Lew, a Warrasty given to the Feoffer and his Heite. See Warrasty and the Configuration of the Configuration tiation, which the Greek Translators render Efective, and 'Escarrente, Renewing. In the Scripture we meet

with Dedications of the Tabernacle, of Altau, of the first and fecond Temple, and even of the Hondes of private Perfent. Name, Vill. 10, 21, 88, 20 mr. XX. 5, 80, 88. ed of Kings V. 63, 20 Geronic Vill. 4, 9. 48 Eds. XX. 15, 80, 81, 20 Geronic Vill. 5, 9. 48 Eds. XII. 17, 19 Julian XXIX. 11, 10 There are also Desitations of Vestlan and Garantees. There are also Desitations of Vestlan and Garantees.

Under the Christian Difpensation, we call those Co-remonies Confecrations, Benedictions, Ordinations, &c., and not Descations, which is only applied to Places, Sce therefore, Consecration, Benediction, and

ORDINATION

Ordination.

The Field of the Dedication, or rather the Feel-Day of the Sains, and Patron of a Church, call a in our Law-Book, &c. Delicarry, was celebrated not only by the Inhabitants of the Place, but by those of all the neighbouring Villages, who usually referred thirter. And the Astemblies were authorated by the King. Ms De-

anguademing tangen, we intuite record entered. And directiones, at d. Symbols, Sec. versiones fit former Piece.

The Cotton is fill retaind to driven Pieces, under Ten Pieces and the Cotton of the C

offrate. The Jews celebrated the Dedication of their Tem-ble every Year for eight Days. This was first enjoyed by Judas Maccabeus, and the whole Synagogue, in the Year of the Syromacedonian Ara 148. i.e. 164. Years efore Christ.

The Heathens had the like Anniverfaries, as that of ne Dedication of the Temple of Parthenope, mention'd

by Logspherm.
Under Curtilizativ, Defination is only applied to a Chardy, and is properly the Conferencies miscoof per-fectly a large properly the Conference of the Chardy of the Conference o

from that of the Church, which was perform'd with left Ceremony has a perfocia.

DEDIMUS Prosplation, in Law, a Write whereby Commillion is given to ene, or more private Perfors for the Expedition of fome Ad belonging to a Jadge. The Critisine call It Veligigatie. It is agranted most commonly upon Suggestion, that the Parry, who is to do founching when I palage, or in a Court, is to wough to cannot exact. before a judge, or in a court, is to weak he camor revol-ted Ufe is ration; as, to take a perfound Andrew to a Bill in Chaserry; to examine Wirnelfox, keys -fine, 5%. DEDUCTON, in Commerce, a fubthersting, ore-tracking a little Surr payel from a greater remaining to the surracerrow. When you know the surracerrow, When you have a love and the surracerrow, or the surracerrow, fent you, from the you, which you leat me, there will ober remain and one of the surracerrow.

remain 200 due

only remain acc due.

DEED, Fallus, in Law, an Inframent written on

DEED, Fallus, in Law, an Inframent written on

Paper, or Farchment, conflitting of theer Thingst, eis.

Writing, Soding, and Dulleway, and compendently

a Constrad, or Bargain between Party and Party.

Of their there are two Sorn: Devict industries, and

which Denominations arise from the Form

and Paths, which Denominations arise from the Form

and Paths, which Denominations arise from the Form

and Paths, and the case bring and in, and out in the

Top, or Side, all the case bring can marking partiting for

A Duel Intenset, or Intenset, committee it we between

owners. (Ear them our retirement, analyzerist, fig. 1976)

A Deep integrate, or insenters, contains of two ratios or more, (for there are triparrite, quadripartite, for temperatite, &c. Deeds) wherein it is experied, that the Partice thereto have to every Part thereof interchangeably fet their feveral Seals. The Caufe of their Indenting is, that, whereas the feveral Parties have each of them. one, the ladenture may make it appear, that they be-Sec INDENTURE.

DER T.

ADIA's Jall, or pilels, unitently call'd Chartes serious
pares, or Cherte Supies, is a pine Duels, without Jaguers, or Cherte Supies, is a pine Duels, without Jadenties field, which we Veralle, for Example, only feels,
and there is on reed for the Veraley or Example, only feels,
and there is on reed for the Veraley or Company,
and the pine is of Correct from the Vender. See Fuzz.

BESENTERS, or DEMSTERS, all Conneversion
to the little of lines are decided, whost Process, Winters,
or and the little of lines are decided, whost Process, Winters,
or and the little of lines are decided, whost Process, Winters,
or and the little of lines are decided, whost Process, Winters,
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or and the little of lines are decided, whost Process, Winters,
or and the little of lines are decided on the little of lines are decided on the little of little or little o

Bend with when a Ship is in very day Ware at Sea. At the End of this Line is a Pice of Lead, call the deep day he was a state before or dead, call the deep day he line was some of one of the line with the call the line was a state of the line was a state of the line was a state of the Ground 4 which being enered from Time entre in the Ground 4 which being enered from Time entre in the Soon, by comparing of Otherstone, they goed by their Soundings, Ge. what Coast they are DE. Eppferd Millerma, a Witt Commanding the Sheeff in key 4. Shillings for Day, to drive the Exponence of a Kappit of the Shire arranding in Parliamon. And there

to levy 4 Shillings for Day, to defray the Expences of a Knight of the Shire attending in Parliament. And the is a like Writ de Expensis Cronna, & Burgensium, to levy a Shill, per Day for every Burgets in Parliament. See RRERESENTATIVE.

REPAIR NATUE.

By Falls, finesching sthully done, or done indeed:
10 Castrallithicition to de forre, where a Thing is only
16 Castrallithicition to de forre, where a Thing is only
16 in fullice, a registry, but not in Fact.

After the Revolution, the Resistent to the abdicated
King talkel much of the Difference between a King de
form, and de Falls, a Prince in actual, but not legal Polfedice of the Cown y and another who had the Right,
but out the Polittion. The Non-justen till hold the Chavalue for King de fore; and only allow King Gerger

See King of Fields.

DEFAULT, in Law, an Offisce, in omitting what a Perino cought to do, particularly before a Court of Felics, at a Day safford, for which Jodgment may be given against face Definition. To fine body that is propel, and charf of Ferce, or Impurities. See Faces. Distillations, and other Chymical Operations, are insended to feparate the most pure, and related Ferce for the Special Court of the Court of

SPIRET.

DEFECTION, the Act of Abandoning, or relinquishing of a Party, or Interest a Person had been engaged in.

The Word is formed of the Latin desicio, to fail of.

DEFECTIVE, or DEFICIENT Nature, in Grammar, are fuch as want either a Number, a particular Cafe, or are indeclinable. See Nown. Gift, or an indeclinable. See Newson, a personalist The Term depletion is all on pilled to a Verb that his need in Moods and Tenfes. See Viran, Moon, Se. DEFISIANCE, or DEFISIANCE, in Law, Condition relating to a Deed, as to an Obligation, Re-cognision, or Sections, which begin performed by Colleger, or Recognisms and See in the See Section, the Top Difference between Section 1.

Oligor, er Kecognieri, the Ali is dichted, er annilad, and in his alter properties of the properties

Line of Defence should not exceed a Musket Shot, i.e. Lini of Differen Bould not exceed a Musher Shot, i.e. to Fathenia, or just Poot, or de Rhillands Perchen. Indeed Medier allows 65; Scheiner 105; the Counts de Regues and Fathen 75. These are generate East of Differen and Leither 15; These are greater East of Different and Leither 15; the Line 15; Line 15; Line 15; Line 15; Line 16; Line 18; C. (145 Aprilication 15; 25), dearn from the Point, or Verice of the Ballion C to the Concourfe E of the Oppolier Balla I.E., with the Counting E.A. Line of Darraces 10ffer, called all Regular, and Counting as C. Line of the Ballache contained to the

Courtine, as Cl.

Defending is ordinarily fynonimous with Flanking. Thus, we fay, the Flank defends the Courtine, and the opposite Face of the Bastion. Thus Demi-Lane Flank, or defends the Horn-or Crown-Work. The an-

cient Fortifications are eafily taken, there being to deford to flank them. When we fay, Flank d there being nothing to defend, to mank them. When we say, Flank defends the Courtine, we mean, not only that it is a fide of the Courtine, but also, that it prevents the Approaches; that is, fuch as are posted on the Flank of a Battlon, can foce any that come to attack the Courtine, and can show

for any that come to attack the Courtins, and can those them, or pervent their approaching it.

Inner Different their approaching it.

Inner Different their approaching the the lefter Lines of Decience with the Courtins.

**Outer Different Courtins.

**The Lines, or Sides of the Rampart, or Wall, are defined by Muches, or Sudes of the Rampart, or Wall, and Coffended by Muches, or Sudes of the Lines, or Sides of the Rampart, or Wall, and Coffended by Muches, or Sudes of the Lines, or Sides of the Rampart, or Wall, and Courtins.

**The Courtins of the Courti

that label, of solar of the Aniport, or with, inc.

I had label, of solar of the Aniport, or with, inc.

To diffuse low for the Fire-Arm placed in any field
and an expense of Labe, and Al-O(c₀).

To diffuse low for the Fire-Arm placed in any field
and field, from the Entermon of Labe, and Al-O(c₀).

are to be directed, then the Quantity of Defines it
are to be directed, then the Quantity of Defines it
are to be directed, then the Quantity of Defines in

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perpendicular thereto.

Defence, in our Law-Books, is used for a Probibitous: as, in Rev. Parl. at. Eds. III. Criet and Before come stude throughout England. i. e. Proclimation and Problibition. Schimons for plant Act problibed to be taken at certain Times. Ulprarvai delendit Rev. Education error and the cried for Rev. III. and the cried for the carbon error transfer of L. Edu. Coopff. in the Statutes of Eduard I. We have one, entitled sens de Detenione porsendi Arms, &c. And fended by Law, to diffrain on the High-Way. titled, Stasu-

The Defence-Month is more usually call'd Fence-tonth. See Fence-Month.

DEFENCES, in Heraidry, are the Weapons of any Beaff; as, the Horns of a Stag, the Tulks of a wild Boar. U.c.

Boar, C.F.

DEFENDANT, is a Term in Law, fignifying him, who is used in an Attion Personal; as Tennat is he, who is fued in an Attion Personal; as Tennat is he, who is fued in an Action Real. See PLAINTIFE.

DEFENDEMUS, in Law, a Term us'd in Feediments, and Donations, having this Force, that it binds the Donas, and his Hairs, to defend the Donac, if any Man

ments, and Douations, having this Force, that it both the Dones, and like Halts, to define the Dones, rism Man than it contained in the Donation. See Warsh are T. DEFENDERS, were anciently probable Digitation to look at the Preference of the public West, and to look to the Preference of the public West, and to look to the Preference of the public West, and to proceed the Power and Helpfelts. Address the Year are card particular Charles and the Charles, and continued to have the Year are card particular Charles when the Year are card particular Charles and the Year are, we find the Contain of Cortago and the Year are, we find the Contain of Cortago and the Year are, we find the Contain of Cortago and the Year are, we find the Contain of Cortago and the Year are, we find the Contain of Cortago and the Year are, we find the Contain of Cortago and the Year are, we find the Contain of Cortago and the Year are, we find the Contain of Cortago and the Year are, we find the Contain of Cortago and the Year are the Contain of Cortago and the Year are the Year and the King of Green Strikes promote to King Harry Will. By Paper Law X on Contains of the and by Consum VII.

The Consum VIII.

m To Council of Colorion, One a. ullu the Dyfunior of a Chard's Khara. Codin is Official falls Codin, and a continue of Dyfunior of the Patient. So does Dyfunior of the Patient. So does Dyfunior of the Kappien, Definied Regal, Dyfunior of State, Definion Colorion, Definior Coding of the Patient Regal, Dyfunior of Extended Coding The Council of Chalcedon, Can. 2. calls the Defender

terms Air.

The Cauterization perform'd, the Wound is sover'd
with Lint...... and the Eye with a Defenfizires, and
a Titasquike Comprete Division.

For the first deciling of the Ensorie, Mr. Diversi steel
a little Defenfizer made of the White of an Egg, Oleans
Réferm, and Alumn-Powder.

DEFERENS, Deferentia, in Anatomy, is applied to certain Veffels of the Body, appointed for the Convey-ance of Humours from one Place to another.

ance of Humours from one Piece to another.

The Fafa Dereamyra, are the Veillach att convey the Seed as fift as it is forcreed, and pregard in the Teichies, We, incube by Fafate planningles, there to be dependented, till an Emilion is required. See Stein. Some call them the Electricity Pfiffs. They are white, nervous, and sead, for successive Pfiffs. They are white, nervous, and sead, for successive Seedings of the Seedings of Seeding

a Greet invented to account for the Easternary, regard and Apogeo of the Flancts.

As the Planets are found differently diffuse from the Earth at different Times, it was (appeled, that their pro-per Motion was perfect in the Larth, And this execution Cli-cie, or Ellipts, they call the Different, because parties through the Center of the Planet, it found to appear, or

The Deferens is supposed differently inclin'd to the Ecliptic, but in none more than 8 Degrees, excepting that of the Sun, which is in the Plane of the Equator it fell, and is cut differently by the Defenents of the other Planet in two Places, call'd Nodes.

In the Profomaie Syltem, the time Deferent is also call'd the Deferent of the Epicycle, because it traverses the Centre of the Epicycle, and feems to fultain it. See

EFICUCES, PTOLEMAIC, &c.

DEFICIENT Numbers, are such whose Parts added regether make less than the Integer, whose Parts they

rom or, and the Nock left ragged. See ERAKED.
DEFILE, in Fertification, is a fleeight parrow Lane,
or Pasiage, through which a Company of Horfe, or Foot,
can past only in File, by making a fmall Frong, for that
the Enemy may take an Opportunity to flow their March,
and to charge them with 60 much the more Advanage,
in Regard that the Front and Rose cannot reciprocally

come to the Relief of one and come to the Relief of one another.

Hence, to go off File by File, is call'd Depling. The
Army began to deple on the left, and was forc'd to deple
as each End of the Field, by Reafon of the Montiles.

The Word is form'd from the French depl-

Ier, to unthread, or unftring. DEFINITE, in Grammar, is applied to an Article, or Tenfe of a Verb, that has a precife, determinate Signi-

a Tente of a Verb, that has a pecelic, determinate Signification. See Astrictat, Taxue, Un.

See Such arc, the Article rile in English, 2 and 2 is French, 3C. which fix, and alterian the Noon they belong to to some particular; as, the King, 1eRoy, whereas in the Quality, of King, 4e Koo, the Articles of, 4c, mark nothing precife, and are therefore crift Liebshitz.

A Three Hoose, is a Threate-Pecel Displaint. See Vera.

DEFINITION, in Philosophy, Logic, &c. an Enseration of the chief simple Idea's, whereof a compound Idea confifts; in order to afcertain, or explain its Nature,

nd Character. See IDEA.

and Character. See Fresh.
The Scholming profied Nations of Digital
The Scholming to very Notion, as Congoing that
arties at 7 Ding, whereby it is difficultied from every
other, and from which, all the other Things that we conceive of it, when debased. But the field Doctors from
the state of the state of the state of the contraction of it, when the state of the state of the state
A Different coursely a thole Attributes which creamthanks, in early to profie the Parts Epractis, and experition, which were before proport domastily, and implicitly,
which were before proport domastily, and implicitly,
that care placetimes havinged in Once Whole. to that every expanded on the divers Kinds of Parts in any Thing, ora. Physical Parts, Metaphysical Parts, &c. arife to many divers Kinds of Department of the famo

Wound, to moderate the Violecce of the Pairs, the Flux. Thing; Thus, Mon is critice defined an Animal, complete of Blood, and the Accofs, and Imprellion of the cere ing gloud and 2004; Or, a regularity femal, and the Complete of the Compl

is that which expanse to come, we ognotication sufficied to a Word: Or, as Weights more accumiety confiders is, an Enumeration of certain Marks, or Characters, fun-cient to diffinguish the Thing segment from any other Things, for to leave it out of doubt, what the Subject is intended, or denoted by the Name. Such is the De-

is instincted, or denoted by the Name. Such is the De-finition of a Square, when it is fill to be a quadilitary, engineeral, reclanagelar Figure, or the property of the property of the pro-lation of the Idary, and Characters affected on the Wead in the common Urlay of the Language, or the pea-ling Idary, Sc. which the Square transfer for denote place in the common Urlay of the Language, or the pea-ling Idary, Sc. which the Square transfer for denote place to urlin; in his feature Discourte. For it may be defer-ved, what the Significancy of any Wood depends intridu-ous our Urlay and we may affer what Idae we placed to a demonstrate the Common Common Common Common Common Common denotes of the Name terrefore, in the freed Scalin is finition of the Name therefore, in the fecond Senfe, is nerely arbitrary; and ought never to be call'd in Question; merely arbetrary; and ought never to be call of in Quertens, to Only 'its to be minded, that we keep invisiblely to the fame Signification. Hence, a Definition comes to fland or to be made Ufe of, as an undoubted, or fifteewident Maxim, as it frequently does, and particularly among Geometricians, who, above all other People, make Ufe of fach Definitions.

of fach Definations.

Not that we mean, that after having defined a Thing fo and fo, there is nothing in our idea afford to the defined Term, but must be granted to the Thing it (if!: Thus, If any one fhould define Host robe a Quality in certain Bodies, like that which we fed upon the Application of Fire, or hot Bodies; no Man could fed Faut with the Definition, as far as it expredies the definition of the control of the c

on the Appentions of Iris, order Bosters, no Mancandi what he mixed by the Wood Hearts, but this does not what he mixed by the Wood Hearts, but this does not hinder as from despite, that there is any Thing in Red Heart Straigh, and Red Heart Straight, and Heart Stra

'tis to that usual Acceptation we are here chiefly to have

A Departion is usually divided into accurate, and inaccurate; The first is what we strictly call a Definition; The strong, we distinguish under the Name of Defeription. See DESCRIPTION.

Of the Description.

of Deferming to Phase Commented in a Definition, fome are common to other Things befide the Thing defined; Others peculiar thereto: The first are call'd the Gemain or Kind's and the fecond, the Difference. Thus, in the former Definition of a Circle, by a Figure whosh in the former Definition of a Circle, by a Figure whofe Gerumiercae is every where equidilitant from its Centre: The Word Figure is the Kind, as being a Name common to all other Figures, as well as the Citcle is The reft are the Difference, which specify, or difftinguish the Circle from every other Figure. And hence article shark-cippe of Fa. de Colonia, for the

And hence arties that Recipe of Fa. Se Colonia, for the making of a Deplatition. Take, fays he, formering that is common to the Thing defined with other Things, and add to it fornething that is proper, or peculis to the Thing, and and you will have a Definition. Thus, e.gr. Rhetoric is defined to the Art of Seaking well; For that it is an Art, is common to it with feveral uniter Things, but that it is

as common to it with reversal timer 1 mings; you that it is the Art of Speaking cost), is peculiar to it alime.

There are three common Rules of a good Definition.

First, That it be clear, and more casty and obvious than the Thing defined. Secondly, That it be suriourful or adequate to the Thing defined; That is, that it agree

DEF

10. The Things comitted the Species defined. And
TUMP, That it be proper to the Thing adjust. The
word outloop The Schie of Digitations, are, not to agree,
either used to Digitations, are, not to agree,
either used to Digitations, are, not to agree
either used to the Digitation of the Digitations, are
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Digitation of the Digitation of the Digitation of the
Digitation of the D riest. or fome Spacymous Word, or fame Word of an other Language, or by CircumScotton, whereby a Thing is them, not afford a Asi we should say, it was a Ser-ptice while one faul where we she by the Fore, or in the Service words of the word of the part of the Service Service Words and the service of the Service Service Service Words and the Service Service

plexion defined; Tho' the intimate Nature and Emence of Subflance is unknown, and confequently cannot be de-tined. Thus, 'els only the Modes, or Attributes that can di Subfance is unknown, and confequently cannot be depend. Thus, 'it's only the Modes, or Attributes that can be explain'd by what we properly call a Definition. See Substance, Monn, Uc.
DETAINED, Monh, Co.
DETAINED, in Rhetoric, is defined by Tully, a

DEFINITION, In Rheotor, is defined by Tally, a five, compensative Explanation of a Thing, "The Diplantion of the Ornan, it main he observed, and the five and the control of the Ornan, it main he observed, and of the observed of the Ornan, and the observed of the Ornan, and the Ornan is the Control of the Ornan is the

meterstry... mat the Austronic Departmen, in Serkiteds, tours of a Decirition, data in a court Zeptimize.

There are diver Kinds thereof. As, field, That there from the Person Water of Service of Land Court of the Person Water of Service Decirition, and Francisco. Secondly, From the Estika, As, Service the Plant of the Ass., the String of Michael, and Service of Service, and Francisco, and Service, and Se

oration, Death; the Figures of the Oration being Sight;
Tenn, or Joy, words than Tears.
DEFINITOR, a Term und in feveral Religious Orders, for an Affelfor, or Counfellor of a General, or Superior. See GENERAL.

perior. See GENERAL.

In most Orders of Religious, the Definitor takes Place
after the Superior of the Convent he lives in, when in
the Convent rielf; but out of the Convent, the Definitor's Place is before his own Superior.

Definitors are also failsed, in the Convent they reside

in, to the immediate Superior of the Convent they relied to the immediate Superior of the Convent, as to Taines relating to the Monathic Ellicibling but in po-

thing cife.

DEFINITIVE, is applied to formewhat that termismates or decides a Question, or Process.

The Hongle of Lords have posite a Definitive Servence on facts a Cangle. The Chareth has given a Definitive Transparent on facts on Article of Faith. The Word is also in Opposition to Proviptional, and Interference on facts on Article of Faith.

Word is afted in Opposition to Provifenal, and Interve-catory. See Provision Act, Gr. DEFLAGRATION, in Chymitty, the Inkindling, or fetting Fire to a Salt, a Mineral, or other Matter, mix'd for that Purpole with a full-phurcous one, in order to purify it 3. As is done in the Preparing of Actions's mix's for that a second of the Preparing of Æthiop's Mineral, Sel Primelle, Sec.

The Word is form'd of the Latin de, and flagrere,

DEFLECTION, is the turning any Thing 4-fide from its former Courfe, by fame adventions, Canfe, and is often apply to the Tendercy of a Ship from her true Courfe, by the Residen of Current, Ex-which direct her, and turn ber out of her right Way. DEFLECTION of the Resident Courfe, the Resident which Dr. Hold solvered 1-5% and read an Account of helion the Resident Courfe of the Resident Courfe He figs, the South of different both from Residency, and

He first, he found it different both from Reflection, and Reflection; and that it was made towards the Surface of the opscous Body perpendicularly. This is the Imme Property which Sir Iface Necessia calls Infection. See Interestion. DEFLORATION, or Deflections, the Act of taking news a Woman's Virginity. Death, or Marriage, are de-ered by the Civil Law in Cele of Digitarriam. Many ereed by the Cril Liw in Cafe of Digitaretien. Many Ananomitis make the Hysners a real Person of Virginity, perfusaded that where it is not found, the Girl mult-have been deglessered. See Hysnes, and Virginity, The Anxionas had fo much Refrect for Virginis, that they would not put them to Doath, all they had first procured them to be defleower?d. The Natives of the Coult of Midsharp real Strangers to come and defleower

Control of the Service and Ser

cosaind by the Inhabitents of Abberulle against the life of Abbreulle against the through of Merchant for taking Meacy to dispende with an Injunction he had made, not to fusion them to get their Merchant of the Merchant of the Injunction being founded on a Cannon of the IVth Council of Carribage, which decrees the fame, put of Reverence to the Materimonal Benediction.

DEFLUXION, a Falling, or Flowing of a Humour on any Part of the Body; as of Rhoum on the Trachea, and Octophagus in a Catarrh. See Fluxion, Hu-Mour, Gr.

Defluxions on the Linns are very dancerous.

DEFLUXIONS on the Eyes produce a Weakness of Sight, and frequently Blindness. See Evs. The Word is form'd from the Latin Define, I flow The Word is torm'd from the Latin 201940, Thow down, the Hamors falling upon fome Part, where they are gather'd together. DEFORCEMENT, in Law, a Withholding Lands, or Tenaments, by Force, from the right Owner. See Da-

DEFORCEOR, or DEFORCIANT, one that over-mes, and caffs out another from his Lands, Sc. by comes, and

A Deforceor differs from Diffeifor, first, in this, that a Man may diffeife without Force. Secondly, in that a Man may deforce another that never was in Possession.

as where feveral Perfons have a Right to Lands, as com-mon Heirs, and one entring first, keeps out the rest. See DISSEISOR.

Dissilion. Defereor differs from Intruder, in that a Man becomes Intruder by a wrongful Entry only into Land void of a Pediffer; where a 2D decree beds out the rightful Heir. See hava success the DEFO(MITT), a dirpleting or Committee in the Mard on Occosion of few Displet, which want of that Uniformity, that conditions Because. See

BRAUTY.
Tis an Inquiry of fomo Delicacy, and Importance, whether there be any fish Thing as adolding Deficiently. Our Procession of the Perceival Addition to the Section of the Section o

of Beauty, like other remuse teets, are necessary pressure to us, as well as immediately. See Saxiss. But, as the other Senfes, which give us Pleafure, do also give us Pain; does this Senfe of Beauty make any Objects differential to us, and the Oceasion of Pain? That many Objects give no Pleafure to our Senfe, is ob-

vious; many are certainly void of Beauty: But then, fays a late excellent Author, there is no Form which feems comes more effectively them is no form which ferms more effectively the control of the control o

pected: And yet much smaller Distonancy shall offend amidst the Performance, where Harmeny is expected. A rude Heap of Stones is no way offensive to one who shall be displeased with Irregularity in Architecture, where Beaury was expected. And had there been a Species of the Form, which we now denominate sight, or opersor of the Form, which we now demonitate rg/9, or deformed, and had we never form, or expected greater Beauty, we floudd have received no Difguit from it. Tho' the Pleafure would not have been for great in this Form as in those we now admire. Our Sente of Beauty feems defigned to give us politive Pleafure; but not positive Plan, no Difguit, any further than what artifes from the Plan for the Plan form of th

Disappointment.

There are indeed many Faces which at first View are art or arist Dillike. But this Is generally not from say peditive Differency, which of it till is peditively di-position, but either from Wass of expected Beauty, or Differency and the Company of the Company in Countemaces, Airs, and Gerbure. That this is not conceined by any form pointively disglating, appear influing severaged for the Company of the Countemaces, Airs, and Gerbure. That this is not conceined by any form pointively disglating, appear-influing severaged of Temper, Humanity, and Cherchiaech, the boddly Form continues, it fall give us no Dif-galt. There are Horsen raid by Sance Objects, which to counter decree, when either Restlem, or frome foold had-feciation of Idoas makes as appealend Danger, and use the Hilled early Things in the Form 16th. For we find, Affeciation of Idoas makes as appealend Danger, and use the Hilled early Things in the Form 16th. For we find, when Experience, or Reston has removed the Ferg, may become the Occasion of Pleasing as in newsoon Bendley, as a very gelicuo See, a cruggy Precipice, a dark shady Valapt to raife Diflike. But this is generally not from any positive Deformity, which of it felf is positively dif-

stempolison Sen, a tergely Precipies, a sense livery Georgia (Part 1997). Get Allection of Palson makes may Objech bearding all pleafasts. The Beany of Trees, does foot Shadka, and that A panels to conceal Immo Object variety on the Most Groves, and Woods, the strial Remart of those who love Solarosis, effectively the Ecologists of Parish, the Most Control of the Parish, the Martin of Palson (Palson of Parish and Palson of Dim Light in Gorber buildings has had an Ajociation of a very foreign Idea, which Midton experdies in his Epithet, A sin religious Light. After the like Manuer, the ca-fulal Conjunction of Ideas give as Digiguits where there is nothing diffigureable in the Form is felt. And this, in VERSA 1.4 Conference and of the religious control of the conference Effect, is the Caufe of most of our fantastic Aversions to

the Figures of divers Animals, E.c. Thus Serpents of all Kinds, and many Infects, really beautiful erough, are beheld with Aversion by many People, who have got fome accidental ideas affociated to them. See Associated to

of Iseas.

DEFTARDAR, or DEFTERDER, the Treasurer of the Revenues of the Turkift, and Perfian Empire. See TREASURER.

TALLERAN.

Meinnik alls him Operator Theopheresis. Black Meinnik alls him Operator Theopheresis. Black Treatures, and Profit Country, Problems of the Enterth Comprehens of the Book of Receipts, and Psystems. The Definedam, on a Figures calls him, the Debiars. The Definedam, on a Figures calls him, the Debiars and the Trackery, the received all the Granel Singuisty Reviews, pays his boots, and furnifies the Express of all the Cleanacties, who is Treature of the Granel. On the Cleanacties, who is Treature of the State.

Court, as the Definedar is of the State.

Court, and the Definedar is of the State.

Richar mace a Distrator in each Distrator, or Government. Preparer attitues in, there are but von, Government. Preparer attitues in, there are but von, resides as Configuratorphe, and has under him von Great committeeers or Departies, one for Hampery, Transph, couries, Wilstebins, Creatie, Strvins, Basharis, Sar-ria, Sec. The other for Greece, and the Morea, which librads of the Stretipheign.

figures, or Agents, as there are Saniaquats in his Pro-vince, which Sub-Commissioners have as many Clerks vince q, which Sub-Commifficeness have as many Clerks as there are Subsill's in their Saniaques, to keep the Account of the Timariots in their Diffricts. The Dephererder of Affat has two General Commifficences, the one for Amounta, the other for Syrias, Arabita, and Egypt, who have likewife their Sub-Commifficences, Clerks, Eg. as those of Europe

as thois of Europe.

The Word is compounded, first, of ThDT defter, a Tarkigh Name for a Book, Register, Memoir, Gr. which Memoir authority of the Head of the Architecture of The Feedman State drives of the Greek State of the Memoir State of the

DEGENERATION, the Act of failing, or declining rom a more perfect, or valuable Kind, or Condition,

to a lefs.

Tis a great Difipute among Naturnilits, whether or no Animais, Plants, E.c. be capable of Aggenerating iteo to other Species. The Affirmative being urged by many as a firing Objection against the Plant, E.c. being contained in the Seed, and the Doctrine of Generation, wherein that is supposed.

Farrows. Lieptus, Lish, IV. de Shout, viewne, ore. experience.

in that is fuppeded.

Fortum. Lieuwari, Lib. IV. de Spout. viveux. ort. experfuly contends, that the Forms of Animais degenerate
into often meet imperfel closes: Thus, fays he, the Soul
of a Colf, after in Death, degenerates into the Soulis of
a Colf, after in Death, degenerates into the Soulis of
the Worms, Devy, Co. artinge out of his Carefa, to
the Worms, Devy, Co. artinge out of his Carefa, to
the Worms Devis, Co. artinge out of his Carefa, to
the Worms Devis of the Control of the Carefa

Control of the Control of the Carefa

Control of th

Forms; and that Degeneration is only the putting off Forms; and that Degeneration is only the parting on one Form, and calling forth another laters one; But it is impossible, the Form of a Worm, and that of a Call, is impossible, the Form of a Worm, and that of a Call, of Matter. So e-Found. open of the Inne Fince of Matter. So e-Found. Others hold, that the Degeneration only obtains in Vegerables, and define it the Change of a Plant of one Kind into that of another viller Kind. Thus, fay they, the Change of the Change of the Change of the Change Vegerables, and complete the Change of the Change of the Kind into that of another viller Kind. Thus, fay they have the Change of the Change of the Change of the Change Change into Open Change of the Ch

Outs; Ocymum into Serpyllus; Sifymbrium into Mint; Caulis into Rapa, &c.

Could's mon Rays's, Sc.

The Flamanie, or Statemen's the future Vegetable, they The Flamanie, or Statemen's the future Vegetable, they of the Statemen's the Statemen's the Statemen's Stat fect Organization.

But our latest and hest Naturalists maintain such a De-But our latest and best Nationalist maintains was accommended, and the results of the second of the

par a funciar. Transformation forms can of the Power of Names; a new Generation, a new Generation, which again singular a Correspon of the former Kind. See "Free Forms" of the Former Kind. See "Free Forms" of the Tomps, and the Form of the Tomps, aftering the Allment into the Origination of the Tomps, aftering the Allment into the Origination of the Tomps, aftering the Allment into the Origination of the Tomps, aftering the Allment into the Origination of the Tomps, aftering the Forms of the Tomps of the To

Contents downwards into the otomach. See Orsopha-ous, Pharynx, Digestion, &c. Deplation increeds Mafication, and is followed by Consoliton. See Mastication, and Concoction. Ceccition. See Masticátion, and Concection.

DEGRADATION, in our Law-Books calld Discananation, and Discourance, the Act of depriving, or fairping a Perfon for ever of a Dignity, or Degree of Human, and taking away the Title, Badge, and Rights

See DEPOSITION

thereof. See Darostrion.
The Degradation of a Poor, a Priedt, a Knight, a Genteman, an Officer, Ere. is performed with divers Commonics. That anxiently observed in degrading a Person found his Nobility, is very currious, and deferves to be reheardshere, after Gelior, and la Colombiers. It was prachise in the Time of Francis L upon Captain Fangel, who had

fedder, diet versier, in na de democret. It was presume consideration of the production of the product mude 3 Pauls, during which the Olicero of Arms hippy discontraction of the Colocardo of Green Paul and America, beginning the Colocardo of Green Paul and America (Minds down, they break his Shield in three Paul and Colocardo of the Colocardo of

sea others, were aggrasses from an Fines of Honour, Dignitics, and Precumences, and none of them to bear, or use the Title of Lord, Knight, Esquier, or Gentle-man, or any Coat of Arms, for ever afterwards. As to Ecclesiafticks, we have an Instance of Dograsse.

As to Ecclediticis, we have an Influence of Deprotein Incidence Conduction to Death, in the Willis Carriny, at Confusitionable. It is in the Perfine of the Protein Confusion Co him Piece by Piece

han Pice by Pice.

An Picch, they don't find of much on the Cremany and A profess, they don't find of much on the Cremany of Dipposition, in order to the parting a Priefs to Dental, by Rection of the Delay, and Difficulties that Received the Picch of the Picch of Difficulties that the Company of the Picch of the Picch of the Billiony were required to degrade a Priefs: But the Billiony of attending to many Billion, rendered the Billiony were required to degrade a Priefs: But the Billion of the Billion were required to the Billion of the Bill

but a specific Transformation forms out of the Power of Billshop of Rheises, fractanced in the Council of Orleans, but a specific Transformation forms out of the Power of Billshop of Rheises, fractanced in the Council of Orleans, but a specific Transformation of the Form of Transformation of the former Kind. low in the Deposition, whether that of the Council, that

in spir, it was deliberand, where from the front dis-tance in the Depthics, weighter their of the Canon, that we have the control of the Canon, that the Canon, that the Canon, the Canon, the Canon, the Canon, the Canon, the second of the Canon, the Canon, the Canon, the second of the Canon, the Canon, the Canon, the forthe no more that me, the Effect, the Canon per-fectle no more that me, and the tearing the Pon-ferle no more that me, and the tearing the Pon-tral the Canon, the Canon, and the tearing the Pon-ther of the Canon, and the Canon, and the Pontanary on, a Parlaman experience of diffusion, the Canon, and the Canon, and the Canon, and DEGRAMED, it Hendrich on the Pontanary of the Marian and the Canon, and the Marian, and the Canon, and the Pontanary of the Marian of the Pontanary of the Pontanary of the period and the Pontanary of the Marian, and the Pontanary of the the Pontanary of the Marian of the Pontanary of the Marian of the Pontanary of the the Pontanary of the Marian of the Pontanary of the Pontanary of the Marian of the Pontanary of the Pontanary of the Marian of the Pontanary of th

e French call'd Perronnée. See Choss.

DEJECTION, in Medicine, properly fignifies the Act of DEJECTION, in Medicine, properly against the Account Ejecting, or Evacuating the Excrements, by means of the Perilitatic Motion of the Guts; In which Scafe it comes nearly to the Signification of Exerction. See Execution.

early to the Signification of Exercisis. See Exercisis. But the Term is alfo, and that more ordinarily, ap-ilied to the Exercisens themfolies, thus evacuated a n which Senfe it is of the fame import with Stool

in which Sender is the demofilere, thus creatively in the control of the control

38 18 Dejection. See Exalitation. DEICIDE, Deicida, a Term only used in fpenking of the Condemnation, and Execution of the Saviour of the World, by Position Pilate, and the Jews; which was an hearthle Deicide.

an horrible Liestics.

The Jews, an ingenious Author observes, were never more remore from Idoletry than at prefent; Never more inviolably artach'd to the Law of Moles, than at prefent; Whence then that Load of Evils and Misiorunes they have Whence then that Lead of Evils and Misiorumes they have formany Ages good of mode. Evils immomparably greater and more latting than all the Chalifferness wherewish God anciently avenged their most heimess idelarries a Whence do they arife, but of most heimess delarries are whence do they arife, but of the control of the con-mitted in the Perfor of Jeffort Christ. The Chalifferness of the DEFICATION, in the Pagean Theology, the Ad,

DEPICATION, in the Pagan Theology, the ASI or Ceremony of sciffying their Emperons, i. e. of placin them among the Gods, and decrecing divine Honours to be rendered them. See Geon.

The Deification is the fame with Apartheofis. Se

DEINCLINERS, or DEINCLINING Diels,

DEINCLINERS, or DEINCLINING Diels, are fach as both decline; and incline, or recline at the fame Time. See Diat.

Supporte, for Inflance, a Piane to cut the prime Vertical Circle at an Angle of a Degrees; and the Horizontal Plane under an Angle of a Degrees; the Elevation of the Dele below a Company.

Plane suder an Angle of a 2 Degrees; the Elevation of the Pole being 5; Degrees; a Dill drawn on this Plane, it all'84 2 Meintelliers. See Declaras.

DESIM, the Dectrine, or Beild of their as hold the Entitence of a God, as the whole of their Religion. The Word is form of form 2 Dras, God. See Distra. The DESITS, a Claff of Popple, known also under the Design of the Pro-Children, which Character is, not to see the pro-Children, which Character is, not to

momination of Free-Figuress, whole character is, not to profess any particular Form, or System of Religion; but only to acknowledge the Existence of a God, without rendring him any external Worship, or Service. The Deligib hold, shat, considering the Maltiplicity of Re-Egions, the namerous Pretences to Revelation, and the obfersor movements afromments advanced in Daniel College. feare, presarious Arguments advanced in Proof thereof; the best and fureff Way is, to return to the Simplicity of Nature, and the Belief of one God, which is the only Truth agreed to by all Nations.

Trush agreed to by all Nations.
They complain, that the Libery of thinking, and resistanting, is opportful under the Yoke of Redigina and that the Minds of Men are ridden, and systematic over by the Necetity imposed on them of believing inconcernable Myhricina and contenal, that nething flateness are required to be affected to, or believed, but the state of the state

wast their Reason clearly conceive.

The Appellation Deigl is more particularly given to such as are not altogether without Religion, but reject all Revolution as an imposition, and believe no more than what natural Light, discovers to them; as that there is a God, a Providence, a suture State, with Rewards and Punish-

ments for the Good and the Bad , That God must be h nour'd; and his Will, fo far as we can learn it, perform'd; but that each Perfon is to do this after his own Manner,

as his own Confeience fuggefts.

and as no wolf Goldrecke toggette.

The Number of Deight is daily increasing. In England, a great Part of the Men of Speculation, and Letters, are pretended to incline that Way. And the like is observed in flower of our Neighbour Nations, where Predom of Speaking, Writing, and Thinking are indulged. See REVELATION.

DEITY, a common Appellation given by the Poets to the Hearhen Gods, and Goddeffes. See Gon. DEIVIRILE, a Term in the School-Theology, figni-

DEVIKULE, a Term in the School-Theology, fighting formething driven can be burnan as the fines Time. The Eutypoints held, that the fame Jefus Chrift, and the fame Son, produces both drivine and human Operations at once, by one finely Themsdrip, or Deitwirde Operation: So that all the DiditioRion depends on our min-ner of Undertundings. See Thyraximate, &c.

The Word is a Compound of Deut, God, and I rilis, of Vir, Man. It was first invented by the Monophysics, to express their Error by: For as they taught, that there were not two distinct Natures in Jefus Christ, but that the human and the divine Nature were, by the Hypottatical Union, confounded together, and render'd one Nature, which was neither the one nor the other, but a Compound of both; It follow'd, that the Operations of this third Nature, i. c. of Jefus Chrift, were meither purely divine, nor purely human 5 and that there were not two Sorts, the one divine, and the other human, but that they were all of one Sort, viz. Theandric, or

DELEGATES, a Number of Commissioners, dele-gated, or appointed by the King's Commission, under the gates, or appointed by the King a Committee, user the great Seal, to fit upon an Appeal to the King, in the Court of Chancery, in three Carles: First, Upon a Sen-tence given in any Ecclesifical Caufe, by the Arch-Bifthop, or his Olicial. Secondly, Upon a Sentence given in an Ecclesiafical Caufe in Places exempt. Thirdly, Up-on a Sentence given in the Admiral Court in Suits Carl and Marine, by Order of the Civil Law.

and Marine, by Order of the Cavil Law.

Court of DRLKGATES: This is the highest Court for

Givil Affairs, concerning the Church 5. For the Jurisdiction whereof it was provided as H. 8. That it fhall

lawful for the Subject, in Case of Defect of Justice in the Ecclefiaftical Courts, to appeal to the Sovereign in his Courts of Chancery, whence a Commission is directed under the great Seal to particular Persons therein mentioned for Redress of Judgment; fo that from the highest Eccle tor Recurse or Judgment; to that from the highest lectic-ficational Court there lies no Appeal, but no the Court of Delegates, and beyond this to no other, except to the House of Lords. But the King, of his Free-will, may grant a Committion of Review under the great Seal. The Cita-tions run all under the King's Name.

DELEGATION, a Commission extraordinary, given a Judge to take Cognizance of, and determine some Cause which ordinarily did not come before him. See DELE-

GATES.

GAZEM.

Sovereign Courts have frequently Inferior Judges to St
in Judgment on certain Affairs.

In the Givil Law, Delegation is also a Sort of Surrender, whereby a Perfon inbilitures another Debore in
his Place. See Ulpian L 13. ft. de Novationibus, & Deton civil bins.

Delegation differs from Transferring, or Transfastion, Delegation differs from Transferring, or Transfastion; in that three Persons intervene in a Delegation; it is in-the Creditor, the Debtor, and a third, who himself is in-debted to the Debtor, and on whom the Debtor transfers the Obligation he was under to pay the Cecditor, de-legating him, as it were, for that Purpote. But in a fim-ple Transfer, 'tis enough the Transferrer and the Transle Transfer, 'tis enough the Transferrer and the Transfer, tes enough the Transferrer and the Transferrer DELETERIOUS, probably from Juliu, nocce,

hurt, a Term fometimes us'd among Naturalifts for fuch Things as are of a pernicious, and poifonous Nature.

DELE, is a Quarry, or Mine, where Some, or Coal is digged: from the Saxon Word Delevan, to delf, or dig; Delf of Coal, is Coal lying in Veits under-ground, before

it is dug up 1 and a Delow of Coals is a certain Quanti-ty dug out of the Mine, or Pit. See Coal.

Dale, is also us'd in Heraldry for one of the Abatements of Honour; being a Square in the Middle of the Ef-

cucheon. Sec Λ_{AFERWT} . A Λ_{BFERWT} is due to him that revokes from his own Challenge, or any way recodes from his Parole, or Word, if there be two, or now $2D_{BF}^{(i)}$ in an Efunction, it is then no longer an Abatements So alia, if it be of Meral, or charged upon it, thus becomes it a Charge of prefix bearing. DELIA, in Anniquity, Feaths celebrated by the Abitation, in Horson of $f_{BB}^{(i)}$, whom they furnamed Daltation, in Horson of $f_{BB}^{(i)}$, when they furnamed Daltation, and the second of $f_{BB}^{(i)}$, when they furnamed Daltation, in Horson of $f_{BB}^{(i)}$, when they furnamed Daltation.

The principal Ceretnony in this Featl, was an Embaf-fy, or rather a Pilgrimage to Apollo of Delos, perform'd every five Year, by a certain Number of Citizens depated for that Purpose, and call'd Deliaste, Aprileas, or Theore, Osugai, q.d. the Seers; and the first Person of the Embaffy, or Deputation, Architheorus, Aprilia

no. To him were added from more of the Family of the Cropy Fields, defected from Mercery, box reliads all the Year a Boin, so shift in the Temple. The whole the Cropy Fields of the Cropy for the Fords, and the Scarlings. The Viell that carried the Builds, or Theorie, so The Viell that carried the Builds, or Theorie, so the Cropy for the Fords, and the Scarlings. The Viell that carried the Builds, or Theorie, so its Carronilanos there is from Diffuse about. Langel, Astrophysically, and Amount's Order as a Carronilanos there is from Diffuse about. Langel, Astrophysically, and Amount's offer a Scarlings or face to Apilla. And offer the Secretica, a Number of the Carronilano the Company of the Carronilano and the Astrophysical Carronilanos and company and the Carronilanos and the To him were added four more of the Family of the

Greek Tiparer; wherein, by their various Motions, and Directions, they represented the Turnings and Windings of a Labyrinth. When the Deliasts returned to Athens, the People went out to meet them, and received them with all the low and Acclamation imaginable. They never laid a-fide their Crown till their Commission was fully completed; and then they confecrated it to fome God in his Temple.

there to see all their Continues or many contents to the continues of their going and returning. The whole Two of their going and returning, with all the Commonle theorem, we call the present of the contents of their continues of their conti

DELIAC, or Deliscus, among the Ancients, was a Poulterer, or a Merchant who fold Fowls, fatted Ca-

pons, U.C.

The Traclers in this Way were call'd Deliaci, by reafion it was the People of the life of Delso who first
bethought thermfelses thereof. They alife fold Eggs
as appears from Cierce in his Academic Quefitions, Lib.
IV. Play Lib. X. C. 2c. and Columnila, Lib. VIII. C. 8.
likewise moniton the Deliace.

Elecutic monton the Delinati.
DELIACAL Problems, Problems Delinatum, a famona Problem among the Ancients, about the Duplication of the Cabe. See DURLACATION.
DELIBERATIVE, is applied to that Kind of Rheroric camploy'd in proving a Thing, or convincing an Afforby theroof, in order to oblige them no put it in Execution. CE RHETORIC.

The Deliverative Kind was much in Vog the Greeks and Romans, when the Orators harangued the People. To have deliberative Voice in an Atlembiy, is when a Perfor has a Right to give his Advice, and his Vote therein. In Councils, the Bishops have deliberative Voices; Those beneath them have only con-

DELINEATING. See DESIGNING.
DELINEATING For Perform who has committed fome
Fault. It is the Benfines of a Magistrate to be fewere in
punishing Delinquents.

DELIQUIUM, in Medicine, or Deliquium Animi, a fueoning, or fainting away, call'd alfo Syncors, Lipoprensia, Ectilities, and Astronomy, which fee.

DELIQUIDA, in Chymitty, is a Diffolution, or melting of a Salt, or Calix, by fufpending it in a moith Cellar. Thus Salt of Tarrar, or any first Alleasi, in Cellar, er other cool moith Place, and an open Veffel, referred, or runs into a Kind of Water, call'd by the Chymitis, Cell of Tarrar for Tarlarian Cool of Carrar for Tarlarian Carrarian Car Oil of Tartar per Deliquium.

DELIQUIUM, is also used in some Authors for a Di-Hillation by Force of Fire. See DISTILLATION. DELTRIUM, Destrie, in Order. See DISTILLATION.
DELTRIUM, Destrie, in Medicine, a Symptom, frequently befalling in Fevers, caused by internal Inflammation, Wounds, &c. whereby the Mind is difforded to a Degree of Folly, or Phremy.

Delitriums also frequently arife from immoderate Loffes of Blood, whereby the Brain is too much weakerd y. from

from the Stings of venomous Bealts; from the Seed, or Mentes retain'd in the Womb; from the Rotting of a sangreen'd Member, U.S. & DiGotter in the Diaphragm commonly produces a

A process of the control of the cont

DELIVERY, Partwrition, or Birth, in Medicine, the bringing forth of a perfect Fesses, or Child out of its Mo-lur's Worth, whether it be living, or dead. See Farry,

mer's Womb, whether it be living, or dead. See Farrs, Barn, Gr.
To a Natural Delivery, according to the Phylicians, are required three Conditions First, That both the Mather and the Child Inive alike, the one to deliver, and the other to be deliver'd: The fecond, That it come into the Wedtherd-To-mod, which is its natural Pedure: And Weefe first-tore-most, which is its natural Posture: And the third, That it he quick, and eafy, without Accidents. When the Child prefents its Feet foremost, or comes across or double, 'tis no natural Delivery: And the

ne inside. Then it be quick, see steff, without Accidence, which are deadly. The seed of the control of the con thortest Term of a legitimate Birth, according to Hippo crates, is 182 Days, or fix complext Months, and the length 280 Days, or nine Months and 10 Days. And that Children, who come earlier, or later, than those Terms, do not live, or are not legitimate.

do not live, or are not legitimate.

Marzholine has compoled a Book, de infolisis parass
Wiis, on the extraordinary Paffages of the Perus; where
the gives divers inflances of very extraordinary Deliveries.
There have fome come out by the Mouth; and others by
the Jims. See Salmanh. Obf. 34. Cent. 5. In the Year
1886, at Leckrekrefs, & or to Leagues from the Hague, 1686, at Leckerkerck, 8 or to Leagues from the Hague, the Wife of one Corpifican Claste, was delivered of 5 Chil-dren. The first was a Boy, who lived a Months; 17 Hours after wards, came a fecond Son, which was dead; 24 Hours after a third Son was born, who lived abour two Hours. In

sifter a third Son was born, who live a shour two Hours. In a Hours more fine had a sth, dead. Laftly, the died in bringing forth the 5th; which died in the Birth. DELEYER, in Lew. See REFINITION. DELEYER, TO ELEYER, ENTRE DELPHINUS, the Dolphin, in Advancomy, a Confiellation of the Northern Hemiliphere. See CONSTRILLYTON. The Number of Stars in the Confiellation, according

to Prolomy, are to; according to Tycho to; and according to Mr. Flamfield 18.

The Longitudes, Latitudes, Magnitudes, Sc. where-

of are as follows.	-			, -	-			
Start in the Conflellati	015	Dε	LPE	IN	cs.			
Names and Situations of the Stars.	L	Longit.			Lstitude. North.			
	۰	,			*	"		
	: \$	49	50	28	54	38		
First of three in the Tail.	9	44	27	19	c 6	21		
Betw. the Tail & the prec. Rho.	10	30	06	30	42	06		
That immedist. preced. the Tail.	II	27	04	32	10	27		
North of the follow, in the Tail.	11	00	18	28	51	03		
_ 5						- 1		
Preced. South, in the Rhombus.	12	oi	14	31	56	52		
South, of the follow, in the Tail.	10	54	06	27	31	40		
Berw. the Tril and the hind Rho.	It	54	05	30	38	14		
North, of preced, in the Rhomb.	13	93	24	33	02	48		
	13	02	25	31	39	48		
_ 10				1	,,	•		
South, in the hind Rhombur.	13	48	97	31	48	12		
North, of the following.	35	03	41	33	44	32		
				23				
Informes following the Delphis				24				
(towards Equaleur.	14	18	35	129	07	20		
14				1		-		
	16	97	40	28	40	19		
	16	21	05	29	46	35		
	3 16	11	1 57	1 26	48	35		
	-		27			-		

DELTOIDES, in Anatomy, a triangular Muscle,

San Musers

It arifes exactly opposits to the Trapezius, from one third Part of the Claurenia, from the Aeromium, and Spine of the Scapula, and is inferred tendinous into the Spine of the Scappila, and is inforted tendinous into the Middle of the Os Hameri, which Bone it lifts up direct-ly; and it affilts with the fafter Spinatrus, and Coraco-brachielis, in all the Actions of the Hamerus; excep-ted Deprection; it being convenient, that the Arm should be railted, and furtherned, in order to its moving on any

be gailed, and fulfationed, in order to its moving on any DELILOF, Caseophira, Dilutionis, in National Hills- η_{i} , a Food, or basadation of Ware, covering the Earth η_{i} , a Food, or basadation of Ware, covering the Earth part of the Part

finns prior, and posterior.

Of the like Kind were those snundations in the Nerk Lends, which in 1272 overwhelmed, and cover'd with Sea Netherlands; and the Gulph Dollars in the united Netherlands; and in 1421, all that Part between Bra-bant and Holland.

best and Holland.
But the most immortable Delage is that which we particularly, and by way of Emissace, cell the Delage, we trickly, and by way of Emissace, cell the Delage, we have been always to be the Delage, and the the Delage of the then World, by dettroying every living Thing, (Note), and his Family, and what was flat up with him in the Art, only excepted) from off the Face of the Earth.
This Flood makes once of the most confidentable Events

This Flood makes one of the most confiderable Events in all History; and one of the greatest Reports's in Chronology. Its History is given us by Mofels, Gen. C. VI. and VIII. It Time is faced by the belt Chronologens to the Year from the Creation 1656, answering to the Year before Christ 2259. From this Flood, the State of the World is divided into Diluvisian, and AutoState of the

World is divided into Diluvian, and Antesiluvian. The Delage has been, and remains a mighty Subject of Inquiry, and Difpute among the Naturalifit, Cit-ticks, Ec. The Points chiefly controvered, may be reduced to three: First, Its Extent, cro. whether General, or Parrial. Secondly, its natural Cangle. And thirdly, Its Infects.

General, en Bertrall,
General, en Bertrall,
General, et Bertrall,
I The immedia Quantity of Were requires to furnifie
an University Disage, has occasional feveral Authors to
felicipat a endy Parriat. An Calverdy Disage, the
felicipat nearly Parriat. An Calverdy Disage, the
it was beaught, etc. to extrapes the winded Inhabitants.
The World was time but now, and the Fought not very
it was beaught, etc. to extrapes the winded Inhabitants.
The World was time but now, and foreign not extreme states to Nath. "These but a final Parr of the
Earth state could be per inhabited a TDF Country shows
from Asham to Nath. "These but a final Parr of the
Earth state could be per inhabited a 10th Country shows
of the Inth Amediativan Inhabitants, was fufficient to bust
then all. Now, Provincent, fly they, which ever adia
then all. Now, Provincent, fly they, which ever adia
then all. Now, Provincent, they which they had
the Market to the Country of the Papiphater, and Tagrit, with a velocute of the Tagrit and
the Tagrit, with a velocute rate, Get anglet anBut the Display was anterright, God declared to

fave the Phenomena of the Dilitys.

But the Dilitys are sambrejef, God declared to Dility the Control of the Co the World not everflown, into those that had been. At

all the Birds would never have been deftroy'd; as Modes lays they were; fo long as they had Wings to bear them to those Parts where the Floor did not reach. If the Waters had only overflowed the Neighbourhood of the Witten had only overflowed the Neighbourhood or the Liphthrest and Tyriti, they could not be fifteen Ca-bits above the highest Mountains. There was no Riffing to that Height, but they mult lipred themselves, by the Laws of Gravity, over the cell of the Earth: Unlet, prints, they had been retained there of a ballenic state of in that Cale, Moffen or the Witters of the Red-Son, and Mircology affection. Which were foliable that the second Mircology affection. Which were foliabled in Charge Minrich, as he did that of the Waters of the Red-Sot, and the River gradues, which were fulfation in a Heapy size being to the President. Exed. XIV: 22. and Spf. III. 16. Add, that is Reguest from remost found that the state of the River and Spf. III. 16. Add, that is Reguest from remost found that the state of the Spf. III. 16. Add the state frequently found in the Tops of high Monnation, whose Trees fank deep surfectional, and all the state of the Spf. III. 16. Add the state of the Spf. III. 16. Add

the best Naturanus are agreed, there but by the Deling.

II. The Delings allowed Universital, the Philosophers are follicitions to find Water to effect it. Most brings it from two Funds: The Fountains of the great Deep were broken up q and the Windows of

Heaven were open'd.

Dr. Burnet, in his Telluris Theoria Sacra, shews, that all the Waters in the Ocean were not near enough to cover the Earth 25 Cubits above the Tops of the highest cover the Earth 15 consts above the Tops of the nigheif Mountains. According to his Computation, no lefs than 8 Oceans were required. Now, supposing the Sea, there-fore, drain'd quite dry, and all the Clocks of the Armo-sphere distolyd into Rain, we should fill want much the greated Part of the Water of a Delage.

ton general Fair of the Water of a Delage.

To get clar of this Embarrati, many of our best Naturalities, as Stems, Barnet, Woodward, Schenchour, Redays des Carrets Sydems of the Fountains of the Earth.

Thus Philasopher will have the primitive World to have been perfectly round and count, without Monatains, or Valery, And accounts for its Formation on Mechanical Vales; And accounts for its termation of Michaelandal Principles, by inpopuling it at fifth in the Condition of a thick turbid Fluid, reporte with divers Heterogeneous Matters, which fubfidling by flow Degeox, form d themfelves into different concentric Stratas, or Beds, by the Laws of Gravity: And thus, at length, left a dry, folid

Earth

Earth.

Dr. Burnet improves on this Theory: He fuppofes the primitive Earth to have been so more than as Orbicular Craft, investing the Face of the Abrig, or Day, which gree chinky, clave, berit, and full coun into the Water, and 6 downed has inhabitant.

The fame Theoriti adot, That by this Catthrophe, the Globe of the Earth was not onty flood; and Brokes in a theatful Places, but the Stanton, for that the Earth, it then undervant failed discell water for the Earth, the control of the Catthrophe, the Catthrophe, the Catthrophe, the Catthrophe, the Catthrophe, the Catthrophe, and Poster in the Catthrophe, the Catthrophe, the Catthrophe, the Catthrophe which before was placed directly under the Zodiac, be-came thenceforth oblique to the fame. Whence arofe Whence arofe the Difference of Scafons, which the Antediluvian Earth

was not exposed to. But how all this confifts with the facred Text above But how all this confills with the facted Text above cited, which expressly mentions Mountains as the Stan-dard of the Height of the Water 3. Or, with that other Paffage, Gen. VIII. 22. where God, promising not bring any more Delages, but that every Thing should be bring any more Deleges, but that every I ming should be reshord on its ancient footing fave, that Sect-I me and Harvest, and Cold and Hear, and Summer and Winter, and Day and Night shall code so source; we do not fee. Other Authors, Supposing a Sufficient Fund of Water in the Abys, or Sea, are only concern'd for an Expedient to the Section of the Section S an use ADVS, or Sea, are only concern'd for an Expedient to bring it furth; Accordingly, fone have Accourse to a Shitting of the Earth's Centre, which, drawing after it the Water out of its Channel, overwhelm'd the feveral Parts of the Earth faccellively.

The very learned Mr. Whifton, in his New Theory of the Earth, has a very ingenious Hypothefis, perfectly new. He shows from several remarkable Co-incidences, new. He thews from feveral remarkable Co-incidences, that a Comet defeorabling in the Plane of the Ediptic to-wards its *Teribotion*, paid d juff before the Earth on the firit Day of the *Delings*; †The Confequences whereof would be, First, That this Comet, when it came below the Moon, would raife a predigons, valt, and throug Tide, both in the finall Seas, which, according to his *Hypothe-fs*, were in the Artfullavian Earth, for he allows no great fig. were in the Antidalvaina Earth, Sor he allows no great occurs there, as in ours and allo in the Abyfs, which was under the upper Cruit of the Earth. And this Tide would rife, and interested all the Times of the Approach of the Comet towards the Earths, and smould be at its greatest Height when the Comet was at in Iskuil Diltance from it. By the Force of which Tide, as a side by the Attraction of the Comer, the judgest, their delaying when the control was the the delaying many the control of the Comer, the judgest their delaying many the control of the Comer, the judgest their delaying many the control of the Comer, the judgest their delaying many the control of the Comer, the judgest their delaying many the control of the Comer, the judgest their delaying many the control of the Comercia of the Com

on an Elipsi; Figure, whosh storics being confidentisy larger than the former Spherical does; the caused Could larger than the former Spherical does; the caused Could for a Earth, income on the Moyh, und a common-back fold, and conjoyed together. He conclude, there we have been to Needley be extended, and in this back of but, and conjoyed together, He conclude, there we have been to the confidence of the Could be the Council of the New York of the Council of the Council of the Council of the Council of the Spherical Original Council of the Sphe

ferske zi.

Aguin, the fame Comet, he shews, in its Defont towords the Sun, patied for close by the Endryst the Eart,
as to involve it in its Attenditions, the Company
in the Company
i this he takes to be what Mofes intimates by the Windows of Hosova being open'd; and particularly by the fourty Days Rain. For as to the following Rain, which with this made the whole Time of Raining 150 Days; Mr W bifor attributes it to the Earth coming a fecond Time within the Atmosphere of the Comet, as the Comet was on its Return from the Sun. Lastly, to remove this vast

region attractors to the earth conting a vectoral line one in Return form Sun. Ladily, to remove this valid Che of Watern again, he fappedes mighty Wind to have and, which define fine, and here the next into the conting which will be found to the proper of the property of the Alberton of the general continues the property of the pro mation of Strates, much later than the first; by Reason at the Time of the first there was neither Plant nor Ani-mal. Stene, therefore, holds for second Formations, occasson'd at different Times by extraordinary Inundations, Earth-quakes, Volcano's, Se. But Burnet, Woodward, Schenebuer, &cc. chuse rather to attribute a second gene Schencher, &c., chair eather to attribute a fecond gen-ral Formation to the Dielege, without Excluding, how-ever, the particular ones of Steen. But the great Objection against this Stefenor of Emidtiv, is Momentains, For the whole Clobe being Signid, whence should such inequal-tics artic? Am. Schencher, rather than part with a System, which looks to promising, gives into the Opinion of those, who hold, that, after the Deluge, God, to re-mit the Waters into their fubterranean Relevoirs, broke, and displaced, with his own Almighty Hand, a great Number of Strata, that were before horizontal, and rai-fed them above the Surface of the Earth; whence it is, that the Strata in Mountains, tho' concentrical, are never

that the Norsta in Mountains, the Concentrical, are never horizontal. See Moon Yards, Ge. Dr. Weshmard, taking the feveral Strase for the Sedi-ment of a Zuling's, and confidenting the Greensthates to the Section of the Section of the Section of the Delinge. As full, That theft Marine Bedies, and other Spoils of full Water Fiftees, were born forth of the Sea, by the entireptal Egyling's, and one Reenaw of the Water back again, were six bediend at Land. Section of the Section of the Sea of the Sea of the Sea of the Sea, the Section of the Sea of white the Flood cover'd the Globe, all the folial States, as Stones, Merka, Minenia, and Goffin, were totally differed, and the Gohelm of their Corputites defined at Gode, as Earth, Fifth of Asimsha, and Vegetables, were faithful promiticately in the Water, and made one common Made. Thirdly, That all the Made shus Italiand, was as tough precipitated to the Bottom; and thus, the conding to the Lews of Grattly, the heavant of the Godes of the Conding to the Lews of Grattly, the heavant of fittil.

hill, and the reit in order. And that the Matters thus fubfiding, conflituted the feveral Serate of Stone, Earth. cut and the reft in order. And that the Matters shad fabliding, constituted the several strata of Stone, Earth, Coal, &c. Fourthly, That these Strata were originally all parallel, even, and regular; and rendeed the Surface of un graffic, even and require; and readered the Gardice of the Early privitely Speciaries; and that the whole Maria of Early privitely Speciaries; and that the whole Maria of Early privitely Speciaries; and the whole Maria of Early privilent and the College and the College special contrast and an official special contrast and special in others; a benne Mannation, Valley, Const-ring Carlo Special Contrast of the Special Contrast, or the College and the College and the College graphic and the College and the College and the Special in others; a benne College and the College of the College and the College and the College of the College and the College and the College of the College and the Colleg Disturtion of the Strata, and the Dispection of some and Elevation of other Parts, which happend towards the End of the Deluge; the Mais of Water full back again into the depressed, and howest Parts of the Earth, into Lakes, and other Cavities, and the Channel of the into Lakes, and other Cavities, and the Channel of the Occas; and through the Fiftures, whereby this commu-gicates with the Abyls, which it fill'd till it came to an Engilibrium with the Ocean. Nat. Hift. of Earth. P. I.

and II. See Fossier. and II. See Fossile.

Base of all the Systems yet advanced, there feems nonheter calculated to folve the Phenomena of these period

fewere, than that of Mr. de is Pypuse. The Ameditivism World, according to this imperious Aurhor, bad

morecural Sec. as well as Land, with Mountains, Riven, Se. and the Deluge was effected by breaking

the chiercraneous Geverns, and Plains theory, with devad
declinerameous Geverns, and Plains theory, with devadthe lutterraneous Caverna, and renars unecon, with the fall Earthquakes, and caufing the fame to be for the most Part, if not wholly, absorbed and swallowed up, and co-Part, it not whomy, anothered and twinowed up, and co-red by the Seas that we now have. Laftly, this Earth of ours arole out of the Bottom of the Antediluvian Sea, yed by the Cost that we now have. Lattly, this Lamb cost is that we now have. Lattly, this Lamb cost is the Cost of the Cost o happen in the Extration or the E. Philosoph, Transact. V. III. p. 428.

PENIOPPE. Transact. V. III. P. 4.45.
DEMAIN, or DEMEAN, or DEMEASN, or DE-MENSE, in the Popular Sente of the Word, is the Lord's Manour Place, with the Lands thereto belonging; which be, and his Ancestors have from Time to Time kept in

Le, and his Ancelton have from Time to Time kept in thir rown Manual Occupation. See Manages.

DEMAIN, or DEMENIA, in a Law-Serfe, otherwise invited Demains, pinglist, according to Betterman. Patri-witted Demains, Time to the Control of the Cont

isperior Lord.

In England, no common Person has any Demain, finply underflood, for all depends either mediately, or immediately on the Crown; For when a Man in Pleading,
would fignify his Land to be his own, he faith, Thar he woud figuity his Land to be his own, he faith. That he is, or was feit'd thereof in his Demain, as of Fee; where-by he means, that, although his Land be to him, and his Heirs for ever, yet it is no true Demain, but depends upon a fuperior Lord, and he holdeth by Service, or Rent, in lieu of Service, or be beach Sourbe and D.

upon a fuperier Lord, and he holdeth by Service, or Rear, in line of Service, or by both Service and Reat. The Word is fometimes allo taken more largely for Lords, and Tenensons, held for Life, Ce. and flower-lines more herbilly, for fish only as are generally held in Fee. It is fementime again used for a "Difficience between the fe Lands that the Lord of a Minour has in his own Rhand, but her Hands of his Loffer, destricted ways of Rear, for Perm of Years, or J. Rice, unfined ways a Rear, for Perm of Years, or J. Rice, unfined ways to Comp. delete. persisting to the shad Manour, which belongs to the Free or Copy-holders. And the Reafen why the Copy-hold is accounted Denoirs, is, that because they, who are Tematte to it, are judged in Law to have no other Right, after a Sout, to be in the Lord's fiethalt is reputed still, after a Sout, to be in the Lord's Hands: And yet in common Speech that is ordinarily called Demonstr., that is, neither Speech that is ordinarily called Demonstr., that is, neither Fee, nor Copy.

Fee, nor Copy.

DIMAIN, again, is us'd in a more special Signification,
in Opposition to Frank Fee: Thus, Thos Linds, which
were in the Position of Educate the Conjulyer, are call'd,
Ancient Demain, and othern are call'd, Frank-Fee; and
the Temats, which hold any of the Lands, are call'd,
Temats in ancient Demain, and the others, I ... and is a

Frank-Fee, and alfo, Tenants of the Common-Law; the Reafon is, because Tenants in Ancient Demain common fined our of the Lord's Court

DEMAND, in its Popular Senfe; is a calling for, of re-quiring one's due. But it has also a special Signs feature in Law, as contra-diffuguished from Plaint: For all Civil in Law, as course-diffusion with d from Plains. For all truth Alkines are partiagle, either by Demensit, or Plains, according to which the Partices is called either Drasses are, or Plainsity as in, Incal Alberts, Demendator and Plainsity and Alberts, Demendator and Plainsity and Alberts, Demendator and Plainsity and Plainsity. Adult where the Party partials Actions of Plainsity. Adult where the law of the Alberts are two Kinds of Dements, the one in 1920-2, for Feld's, as in every Practice, a The other in Law of Feld's, as in every Practice, a The other in Law of Feld's, as in every Practice, a The other in Law.

There are two Knah of Demands, the cone in 20 mel, for Knah of Demands, the cone in 20 mel, for Knah is Burn in Land, Dilitefu for Research, it is the Man cheels another from at 10 Demands, it is the Man cheels another from at 10 Demands, it is the bard better the Release on have, and find redound the Release of the late in the Man cheels of Falls in more large, than of Quantity. A Release of of Plant is now in the profit of the Release of all Demands to the Diffetive, the Right of Enry into the Land, and all constant therein, in related a Am case translated in 20 mel 20 mel.

And be that reducted, all Theomoral, exclude, has different and all Adoms, Institute, and Sciences. But it is to But has West of Eleven to releval an Octoberg.

West of Eleven to releval an Octoberg.

What of Eleven to releval and Control, in the in Asilter, or Plantiff in a west all Asilter, and model. Locals, Sef. See Distances. A Butter of a Powerla, model Locals, Sef. See Distances. A magnification of the Control into control Research and Control in the Control into control Research and Control in the Control into control Research and the Science of Education, 20 Section 1, 200 Section 2, 200 Section 1, 200 Section 2, 200 Se

AZ-us and Ju A DEMEMBREE, in Heraldry, is when an Animal is difmember'd, i.e. the Limbs cut off its Body. See Dis-

MEMERI'S.

DEMI, a Word of the fame Use and Effect in the French Language, with Semi, in the Latin and English; being form'd from diminism, and wfed in Composition with other Words, so figuish held!. In Words borrowed from the Latins, we use Semi, and in those from the French, we retain their Themi. See

Draw, or Draw, in Heraldry, fignifies the balf of any Thing; as, a Draw-Lion, &c. Colombiere has what he calls Croix & deary, a Crofs and an half; being a Shaft croff d in the upper Part like the Calvary Crofs, and having but our Arm at the lower Part. See Cross. and having but one Arm at the lower Part. See Cacoss.

DEMI-drift, or Demi-volt, in Horfemanship, is one of
the feven artificial Motions of an Horfe, being an Air, in
which its Fore-parts are more raifed than in Terra a
Terra, but the Motion of the Horfes Legs is more quick in the latter, than in the Demi-Volt.

DEMI-Bellion, is a Kind of Fortification, that has only DEMI-Bastows, is a Kind of Portinearion, that has only one Face, and one Flank. See Bastrion.

DEMI-Groom, a Piece of Ordinance, ufually about 6 Inches bore, and 5400 Pound Weight; 10 or 11 Foot long, and carrying a Shot of 50 Pound Weight. See Calong, and carrying a Shot of 50 Pound Weight.

on, and OBDNANCE. It carries Point blank 150 Paces; its Charge of Powder is 14 Pound Weight.

There are also two Sizes of Demi-Canon above this There are affe two Sixes of Denis-Cannon above this, which are founding larger, as the cordinary Dennis-Cannon, which is 6 Inches § hore, as Root long, weight \$500 Pennis [1 to Charge of Powder's 12 Pound 8 Ouncer, carries a Shoe 6 Inches and a half Diameter, and whose Weights is 2 Pound, and this Piece those Island, and the Dennis-Cannon of the largest Sixe, is 6 Inches § hore, as

f Powder, and it carries 180 Paces. of Powder, and it carries 180 Paces,
DEMI-Culvering, is a Piece of Ordnance, commonly
42 Inches bore, 10 Foot long, of 2700 Pound Weight; its Charge is 7 Pound 4 Ounces of Powder; and it carries a Shot of 10 Pound, 11 Ounces; and shoots Point blank 175 Paces: Demi-Culvering of the least Size, is 44 175 Paccs: Demi-Culvering of the leaft Size, is 44, Inches bert, to Foot long, of 2000 Pound Weight; is earries a Ball of 4 Inches Diameter, its Charge is 6 Pound 4 Ounces of Pounder, and its level Range is 174 Paccs. Demi-Culvering of the cider Sort, is 4 Inches; 2 bore,

10 Foot long, its Charge of Powder is 8 Pound, Ounces, the Ball is 43 Inches Diameter, weighs 12 Pound Ounces, and the Point blank shouts 178 Paces. HOUNCES, and the Point blank thous 175 Pacel. See Ordnakach, and Curvariant, on.
Dani-Ged, &c. See Sami-Ged.
Dani-Ged, &c. See Sami-Ged.
Dani-Ged, in Fortification, is half the Gorge, or Entrance into the Bailton, not taken directly from Augle, where the Bailton joins to the Courtine, but from the Angle of the Flank, to the Centre of the Bailton,

or the Angle the two Courtins would make, were they thus prescribed to meet in the Button. See Gonera.

What the See Courting would make the See Gonera.

What the See Courting would be seen to be se

of Governmen

of covernment.

The most flourishing Democracies were those of Rame and Athens. The modern Republicks, as Vemice, and the United Provinces, are rather Arigher seels than Democracies. The Government of Bolish, however, is a Democracy; fo are some of the free Cities in Germany. The Word is form'd of the Greek Auus, People, and

xoursle, commend.

sperils, formerail.

DEMON, or DEMON, a Name the Ancient gave to certain spirits, or Grait, which appeared boths, of the Control of the Contr he allowed of none but good, and beneficent Ones. The' his Diffciples, afterwards, finding themfelves unable to give the Reason of Evil, adopted another Sort of Demons, who were Fnemies to Men.

nions, who were Ensemies to Mein.
There is no bling more common in the Heathen Theology, than their good, and evil Germi. And the fame inportitious Notices not foung more than the properties that the state of th

and fome modern Jews. The Word is Green, super-Gale endeavours to flew, that the Origin, and inti-tution of Demost, was an initiation of the Meffinit. The Phemicians call'd them (1979) Basism. For they had nor fupreme Being, whom they call'd Basism, whereof we and various inferior Deities, call'd Basism, whereof we and various mierior Deutes, case of Beasing, whereof we find frequent mention in the Old Tethament. The first Demon of the Feoplitans was Moreavy, or Thest. The fame Author finds fome Refemblance between the fewer of Offices afferibed to the Demons, and those of the

Milliam, DEMONIAC, or DÆMONIAC, is applied to a Perfon pofferd with a Spirit, or Demon.

In the Remiple Church, there is a particular Office for
the Execution of Demoniacs. See Execution.

Dimoniacs, are also a Perry, or Bernach of the Anahoppills, whose diffinguishing Tenet it is, that the Devils
final be faved at the End of the World.

DEMONSTRABLE, a Term chiefly used in the Schools, fignifying formewhat that may be clearly and evidently proved. It is demonstrable, that the Side of a Square is incommensurable with the Diagonal. The Pro-Square is incommensurable with the Diagonal. The Pro-blem of the Motion, or Rest of the Earth, is not demon-strable, by reason the same Appearances result from ci-

DEMONSTRATION, in Philotophy, a Syllogism in Form, containing a clear and invincible Proof of a Pro-In Form, constaining, a clear and minichide Proof of a Pro-position O. 18, a convisioned Angument, her two full Propo-titions whereof are creatin, clear, and evident; whence of Nocedity arties a minishible Concident. See Sevencesian. A Disconsistration usually confirst of a Parts: 1 The Ex-pilations, "Preparation, and Concollections in the Servi-tions in the laying down the Taings improfed to be given, or granted; from which the Demonstrations in the made. The Proposition is a Supposition to be made, The Concolleding the Proposition of the Concolleding the Pro-teed of the Proposition of the Proposition of the Concolleding the Pro-teed of the Proposition of the Proposition of the Proposition of the Proposition of the Pro-position of the Proposition of the Proposition of the Proposition of the Pro-position of the Proposition of the Proposit

The Conclusions is a Proposition that concludes the Thing to be demonstrated, fully perfoading, and convincing the Mind. See Conclusion. The Method of demonstrating Things in Mathematicks, is the fame with that of drawing Conclusions from Prin-

choi in English. In Effect, in The Thermodynamics of Mattermatician, error work them as Jovin and Continuation of the Assert Thing is concluded by Force of Splanning for their very Thing is concluded by Force of Splanning on the Continuation of t cipies in Logicks. In Effect, the Demonstrations of Ma

first Rank on our Side the Question. Mr. Leibnite, for Instance, declares that Demonstration to be firm and Initiance, declares that Demonstration to be firm and valid, which recains that Form preferribed by Logic, And Dr. Walli's confeiled, that what is proposed to proved in Mathematick, is deduced by means of one, or more Syllogifins. The great Huygens too observes, that Parakeglims frougantly happen in Mathematicks, through Want of observing the Syllogifits Form. See SYLLOUSIA. Problems conflict of three Parts: A Propellition, Re-

folution, and Demonstration.

In the Proposition is indicated the Thing to be done. Scc Proposition.

In the Rejointion, the feveral Steps are orderly reheat-fed, whereby the Thing proposed is perform'd. See Re-

Laftly, in the Demonstration it is showed, that the Things injoyed by the Refolution being done, that re-quired in the Proposition is effected. As often, therefore, as a Problem is to be demonstrated, it is converted into a Theorem, the Resolution being the Hyperhofts, and the Proposition the Thefit: For the general Tenor of all Pro-blems to be demonstrated is thus, that the Thing pre-ferib'd in the Resolution being perform'd, the Thing re-

quired is done. See PROBLEM.
The School-Men make two Kinds of Demonstration: The School-Man make two Kinds of Demonstration: The one darm, or, Frapter qual § wherein an HiGGI is proved by the next Caudi: As when it is provid, that the Moon is eclypted, by readon the Earth is then be-reners the Sam and Moon. The focused first, or, quite, wherein the Caudie is proved from a remove EiGGI: As when it is proved, that Fire it hat, because it having or, that Pleast dool treath, because they are not

Affirmative Dimonstration, is that, which proce-ding by affirmative and evident Proposition, dependent on each other, ends in the Thing to be demonstrated. A Negative Demonstration, is that, whereby we show a Thing to be such from some Absurdity that would follow if it were otherwise. This we also call a Demonstration

stration ab impossibili.

fortion ab intelligibil.

A Genetariad Danasarya Avros, is that, framed of Recheng drawn from the Eleman of Broild.

Recheng drawn from the Eleman of Broild.

Recheng drawn from the Rule and McManick.

A Danasarya Arvos of priori, is that, whenely an Effect is proved from a Caule; chief a ract, or errorite one; et a Considera protein by fenershing priories, or a Considera protein by fourthing priories, and a Danasarya Arvos of priories; in that, whenely sicher a Caule in proved from an Effect; or a Considera is proved from an Effect; or a Considera is proved by fourthing policies, whether like an DEMONSTRATUY, in Rhemeic, one of the General, or Caule of Engency, burnt that other hockers of Parasarya Chandel Elemanos, being that their the Campding of Paraggreick, Inrediven, Gr., See Panasarya C.

monfiration, and Judiciary. See RHETORIG.

DEMONSTRATIVE, infortumer, is applied to Pronount
that ferve to flow, point out, or indicate a Thing; As,
Thisbere, That there, Those younder, &c. See Pro-

NOTEN.

DEMURRAGE, in Traffick, is an Allowance to the Miffer of a Saip, by the Merchann, for flaying in a Port Roger than the Time first appointed for hall poparture. DEMURRER, in Law, irom the French Democrate they, or dwell, is a Kind of Pauk, or Stony, part which make the destinated by the Coord, ter any further Promise the determined by the Coort, ter any further Promise of the Coort, the contract of the Coort, the ceedings can be had therein.

In every Action, the Controverfy is either as to Fact, or Law: The first, decided by the Jury; the second, by to fuder. Now if any Thing turn up in the Caufe so rare No. Markey. Now if any Thing turn up in the Cauch Se saw and altiticult, that the judge cannot personause upon it, a Branswert or Stop is made, and a Time taken, either for the Caut to condition, and agric of training shearlifves; or others, for the training characteristic or others, and the contract of the contract

to the Plaintiff's Count, or Declaration; And formetimes the

Plaintiff desurresh to the Defendar's Plea, by averring, that it is not a fulficient Plea in Law, &c.

In Chaecry, the Defendant desurresh to the Plaintiff's Bill, averring it to be defective in fuch and fuch a Point; and demands the Judgment of the Court thereupon, whether he fhall be compelled to make any further, or other

Aniwer thereunto,
DENARIATUS Terre, in our ancient Law-Books, as
much Land as is worth a Penny by the Year. Sibylla Barsolot teast man Acram. S . Desariasos Terre in esden Tenemento. Du Canne.

IIS

res, IIS.

The first, or Consulor Denarius, was worth more than the after, or Imperial. The first weight a just Drachm, er an 8th Part of an Ounce, and was worth about y Peace half Penny of our Money. The second was only the yth Part of an Ounce, and west 6 Pence, or 6 Pence half

Mi. Tiltmeure chierces, that the Theories was sheld fai-feiture to teep a Ferrie handleneigh es a Day; and was the whole ferms to institute, that it was equal to a French San, or a Lagolith Pace. But this a two-over set it. So form, or a Lagolith Pace. But this is two-over set it. So Time, was only worth about a Pace half Ferry Sterling, Fight Chriff was folke their Theories, which were stirred worth from in purchasing a Feld.

Figure of Jeenia; and on the other, the Voil that breagh lim to Italy. Afterwards, the Reverte was a Caffer and Fallow, and fanness a Victory, officia, a Chapter with my. Mr. Tillemont observes, that the Denarius was held suf-

zonen, aud tometimes a Victory, driving a Charlot with two or 4 Horles, whence the Denarii were call'd Zigati, or Quadrigati, or Ratiti. Danaries is also used in our Law-Books for an Eng-ligh Fenny. See Pannyr.

file Penny. See Penny.

Demorius Anglie, qui nominatur Storlingus ratundas, fine Yonfura, fonderabit 32 Grana Francesti in medio Spica; & 10 Denarii facent Unciam 3 & 11 Uncia Recient Libram. Stat. Edu. 1. de Meufuris. See Maaren, Pounn, &c.

switz, POTRIO, US.

DRAKHES Deit, Estrael Moory, cill'd allo Árgantus
Para de un Coustry, Aria, or Estra,
Port, and by the French Desires de Dires, and in foresterme
Para d'our Coustry, Aria, or Estri,
Montantume de libro Coustre Propriese controllere de la Coustre Propriese controllere de la Coustre Propriese controllere de la Coustre de la Coustre

Dienysius Hasicarnasseus, Lib. 1. speaking of the Dii enates, tells us, that the Historian Timeus has wrote, Memarie, tells us, that the Hithorian Timesus lass wrote, that the Figure, Statuse, or Eling of the Dimestre, or Pi-meter, was nothing but a crooked iron, or Copper Rod, and A Trigine Veill of Dotters Ware. And that this was all Memaris brought from Trye. But, for himfelf, he affares when he had feen a Timeple at Rosen, near the Forms, where those Gods were represented fitting, under the Form two young Men, having each of them a Date in half limits. we young Men, having each of them a Dart in his Hardi Re adds, that the Infeription was DENATES, for that the Anients, before the Invention of the Letter P, used a D1-incid thereof. But Disneylin might be midthen: For the Bottom of the P is frequently fo very finall on Medis, that there is no fenified Difference between a P, and a D5 which might be the Cafe in the Infeription that Author Combines; For that the ancient Bubbitsons of <math>Budy had

mentions; For that the streim labshituats of Iraly nat-or P, is a Milkake fulficiently refuted by many proper Names Bill remaining of the moli carly Ages, e.g. Cepys, Copenn, Peins, Palles. Nor were the Trajens without the time, witness values per Perin, Prinnans, Re-DENCHER, or DENCHER, or ENDENCHER, in Heraldry, is applied to the Ordinaries in a Shield, when they are edged with Teeth, or incidenced.

They make this Difference between what is denched They make this Difference between what is denoted, ad what is engrailed, that in the furner, the Points, or each, are presty large, and cut fittight, like the Teeth of Saw: whereas in the latter, the Teeth are finall, and the Saw; where-

Teeth, are greety large, and curficility, the measurement of a Son's wherein the litter, the Teeth as feedil, and the intervals below and a little transition of feedil, and the intervals below and a little transition of the little transition of the little transition of the little speed of the rather than the state of the little Epison's, reported in Ministeric In-Machine and other rather Epison's, reported in Ministeric In-Machine and other rather Epison's, reported in Ministeric In-Machine and the little speed of any Stone-Piana. From hence is appears, that the Fire Asson, and to changing the Machine Stone speed on the research of the little speed of any Stone-Piana. From hence is appears, that the Fire Colour speed on the research of the little speed of any Stone-Piana. From hence is appears, that the Fire Colour speed on the research of the little speed of any Stone-Piana. From hence is appears, that the Fire Colour speed on the research of the research of the little speed of the little s by fome bituminous Liquor infimating between the Bois, or Streas of the Stonce; and accordingly, we achievely find, that the Dendrites being exposed to the Fire, yields a bruminous Smell. This sume Liquor ourse out of the Stone tries, Sitzeting through its Perex, as, in all Probability, it is the Cold, and Prefixer of the upper Book, that brings it forth. In Some Dendrites, the Figures processes quite through, in others three you have to place the Dendrites, the Stone Dendrites are the Stone Dendrites and Dendrites are the Stone Dendrites, the Stone Dendrites are the Stone Dendrites and Dendrites are the Stone Dendrites and Dendrites Dendrites

DENDROPHORIA, in Antiquity, a Heathen Ceremo

DENINGOPHORIA, in Andquiry, a Henhor Cremo-go, confling in the carrying of our own Trees thou, it a City, in currindicrifect, and in Honore of certain Deletos. City, in currindicrifect, and in Honore of certain Deletos. Deletos, Cyberi, and the Gel Spirenous. "Arabiter, Idal. V. makes mention of that performed in the Sacrifices of the Mother of the Gelds. It conflicts in currying a Pion in Pro-ceine through the City; which Pine was circumving plan-rice of the Company of the Comp Aryr's Breait with the fam

The Perfors who perform'd the Office of Carrying the ree, were call'd Dendrophori.

Tree, were call'd Denistry ber;
In the Renness History we find mention made of a Company, or College of Denistry har, who attended the Army:
See College of Denistry har, who attended the Army:
See Seem bould, then they bered, and formed in other
fore the Times: Others, that they provided the Wood accelfing for the Millitry Work, Machines of Wan, Er. Soil,
andjan is has Notes on the Life of Longalite by Spiritrian,
Times; part cities with his sideal Modelly, that they were
all ministen, and that the Denistryber's of the Army were
the times with face of the Scirician.

the fame with those or the outeraces.

The Word is form'd of SirJyes, Tree, and eige, I hear.

DENEB, in Affronomy, a fix'd Star, call d aifo Couds

Lucids, or the Luci's Tail; its Longitude, Latitude, Ea. fee under LEG

DENELAGE, or DANELAGE, the Law made by the

DENELAGE, or DANELAGE, no Law made by the Danest in England. See MARCHENLAGE.

DENIER, the French Penny; a finall Copper Coin, 13 whereof make a Sol, or French Smilling. See Sol, Shill-line, Prench, Coin, See.

The French Denier is about 3th Part of the English Pen-

ny. It is fubdivided into two Mailles, and the Maille inwwo Obslee

we wo Obelec.
Ancienty, Denier was a general Name for all Sorts of
Monic in France, as Namuut was for thole in Rener.
Thus, a Fisco of Gold Money, was Gold Theries of Fro-old the Royal Control of the Control of the Rener.
Thus, a Fisco of Gold Money, was Gold Theries of Fro-der the Royal Control of the Royal Control of the Royal Control
of the Royal Control of the Royal Control of the Royal Control
of the Royal Control of the Royal Control
of the Royal Control of the Royal Control
of the Royal Control of Policy Soft Denies of Policy Soft Deni

DENIZEN, in Law, (from the French Donaison, h.c., Donation) an Alien that is Enfranchised here in England by an Allen that is Helitanchitich here in England by
the King's Charter, and Denarting and thereby enabled, in
musy Refrech, to do as the King's Native Sobjects do,
musy, to purchife, and paties Lands, to holosyn Office,
to be presented and paties Lands, to holosyn Office,
the by Presented Lands, to holosyn Office,
the by Presented Lands, the Charter South
that, in the Charter, whereby a Person is made a Zeniese,
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there is ufailly form Clanef, or other, which theirlight him of that full Brentin, which stantard badyche enjoy. When a Man is show Entermelated, be a find on be, of Platen Regal Anglier, on mother the Anglier State (1) and DENOMINATION, that whereby on Thing takes a Name, from the Name of a mother, on Account of Since Regarding Review to Little, in Configuration of Since Regarding Review to Little, in Configuration of Since Regarding Review to Little, in Configuration of Since Review (1) and the Configuration of Since Review (1

nour, which

that honours.

DENOMINATOR, in Arithmetic, a Term only used in fpeaking of Fractions, or broken Numbers. See FAACTION.

The Denominator of a Fraction is the lower Number; or that below the Linc; if he how many Parts the Integer is supposed to be divided by the Fraction. Thus in the control of the control of the Praction. Thus Integer is supposed to be divided by the Fraction. Thus in the Fraction it, fewer resulfish, the Number 1s is the Demoninator; and shows, that the Integer is here divided into 1s Parts. The Demoninator always represents an integer.

The Number above the Line 7, is called the Numberator. See NUMBRATOR.

DENOMINATOR of a Ratio, is the Quotient arising from the Division of the greater Term by the left. Thus 6 is the Decominator of the Proportion 30:5. because 5) 30 (6. The Denominator is what we otherwise call the Exponent

The Dissensinator is whit we otherwise call the Exposure of the Ratin. So Exposure of the Ratin. Accordingly, a Body that contains more Marte than another, under the fines Bulk, \$\frac{1}{2}\text{, the Martin of the Table \$\frac{1}{2}\text{, the Martin of the Part of the Table \$\frac{1}{2}\text{, the Martin of the Ma

The Deptime, and Ballas of Bodies, are the two grav-The Deptime, and Ballas of Bodies, are the two grav-Posters, whereas all Machanicks, or Laws of Mexicon terms: Markey and the Ballas in the Markey of Mexicon terms: Markey and require Ballas. If the Markey of Deptimes of coult their Displaces are as their Markey is Confequently, two Bodies have the form Depting, that Markey are and the Ballas is And beave, the Gravities of Bodies of the finan-tic of the Ballas of the Ballas of the Complexity of the Deptime are respected by a their Ballas in the finan-tic of the Ballas of the Ballas of the Ballas of the Ballas of Deptime are respectedly as their Ballas. The Deptime of of two two Bodies are in a farse compounded of the di-Bullas. Bulks.

of 20, we come to the action to reciprocal one of their Bults.

Bults.

The Perparents of the Zenffyr, a foundary Quality, The Perparents of the Comment of

inverse Retrie, that the Detriftey of Water has to the Detriftey of Oil of Tarpentine; and therefore these Detriftes are to each other as 100 to 87. The Meterny pound in, left the Liquids should be mixed in the Bottom of the Table.

the Liquid fload be mixed in the Born in Spind in, let The Deeplers of Liquid are soil to compared to the The Deeplers of Liquid are soil to compared to the theory of the compared to the compared to the than the Liquid are soil to the compared to the than the Liquid are the theory of the compared to that the Liquid is to the theory of the compared to the than the Liquid is to the compared to the compared to the case of the flow of the compared to the compared to the case of the compared to the compared to the compared to the case of the compared to the compared to the compared to the case of the compared to the compared to the compared to the case of the compared to the compared to the compared to the part and the compared to the compared to the compared to the part of the compared to the

FACTION, and COMPRESATION.

Tis demonstrated, that in the fame Vessel, or even in
Vessels communicating with each other, at the same Distruce from the Center, the Air has every where the same
Dieglity. The Dieglity of the Air always increase in Proportion to the Compression, or the compressing Powers. e PRESSURE.

See PLEASURE.
And hence, the lower Air is always denifer than the upper: I ter the Benifity of the lower Air is not proportional
to the Weight of the Atmosphere, by reafon of Hoas and
the which make months Aircrations as to Rezirty, and
Booking the the air the renderd denifer, the Weight of
Bookin therein to the Per and the transfer of the Per
per and the Per an C SPECIFIC GRAVITY.

And hence, if the Desgity of the Air be fentibly alterd, Bodies equally heavy in a lighter Air, if their fpecific Gra-vities be considerably different, will have their Equilibrium of the considerably different, will have their Equilibrium the considerable of the considerable payers will and the free fixed by the considerable payers will the considerable of the considerable payers will be a considerable payers will be a considerable of the considerable of the considerable payers will be a considerable of the considerable payers will be which so confidences quiterent, will have their Lequilibrium Liken mays in a denifer Ali, and the Specifically he are in the prepared to the proposed the support of the Manuforpe, an inframent for measuring the Alterations in the Denfity of the Ali. See Manuscore.

DENTAL Question:

DENTAL, Dentalis, is applied to Letters, in the Pro-nciation whereof the Teeth have a principal Share.

See LETTLE.

Genemating, and especially the Historius cease, diffine galls the Letters line Directs, Labest, Gentruel, Linguist, Debrick, Linguist, and Areal Respictive by Partial Linguist, and Areal Respictive by Partial Linguist, Ling

Doutsits,
Doutsits, in the Philosoph Traujall, makes mention of
two Species of Detectals; is the first commonly enough found
about the Illiand of Genering (s.e., being a long, fixeder, round
Prye, a first bending, and rapering, and hollow at both
Balls; where it is also calle, the Dog-like-orbit: The
terminal property called Executions, Inoger, and thicker than
the foremer property of the Executions, Inoger, and thicker than
the foremer property of the Conference of the Confe

the fermit, and beides, firstall, address than third countries that the first true for th

Acciently, Dentils were never used but in the Ionic Car-nich: Yet we find them in the Remains of the Theatre of Morecolous, which is an Angument with from, that Vi-perior is the Carnel of the Building. Various perioribes the Encoderaction of that Building. Various is Height; and the Industrial Energy Levil, or Took, to be half the Height; and the Industrial Energy Levil, the he coders to be \$\phi\$ of the Bussel and Dentil.

he orders to be ¶ of the Breadth of the Zichini.
The fame Author, C. a. of his I'Vth Book, observes, that
the Greeks never wied Zieniili underneath Modifficus per
terasion Modifficus represents Forces; and Zieniili republic
Ends of Rafters, which can never be plac'd underneath Force Management of the Break Company of the Company of See Modillion.

The Ramons were pot fo ferupulous as to this Thorn The Ramans were not to terrupulous 2s to this Decorum: excepting in the Pausbeon, where there are no Dentils un-der the Modillions, neither in the Portice, nor in the Infid-cial Ruilding. The Italians call them Dentelli, and of the Building.

DENTIFORMIS Processus, the fame as Personaides

See PYRENOTHES.

DENTIFRICE, in Medicine, Tooth-Powder; a Remody to rub the Teeth

There are Dentifries of divers Kinds, and Forms: Some in Ferm of a Powder, composed of Corals, Purmice-Score, Salt, Alumn, Egg-Shells, Lobites, Hart-Horn, Outtle-Bure, Tattar vitriolated, Se. Others in Form of an Electronic Cortic, Control of the Camp Powders, mix'd up unry, or Opicie, confilting of the fame Powders, mix'd up.

tusty, or O th Honey. There are others, prepar'd with Roots boil'd with Alum

and dried in the Oven. Others in Form of a Liquor, drawn by Diffillation from drying Herbs, and aftringent Medicines.

"The Datch hold Butter the best Dentifrice, to keep the Torth white and found; And the Spaniaras, Urine, DENTITION, the Act of breeding, or cutting the Teeth

The Time of Dentition, is a faulty from about y Months old, or 1, The Interfere come first, then the Mestillares; and high the Canini, or Eye-Teeth. See Tezern. Dentition, Happenetter observes, is uffully proceeded with an Iching of the Gums, Convolions, Feven, and Loofeneig, operating the Canine Tech are cut. The like Symptoms, Dr. Lifter, on this Paffage of Hippe-crates, observes, happen to Bicks upon Moulting, or Call-cattle, observes, happen to Bicks upon Moulting.

erates, opierves, happen to Birds upon Moulting, or Catt-ing their Feathers, on which Occasion they become mute, and fullen. See MOULTING.

ing inter recently, on which technical they become mate, in The Germon, or Seed of the Tookh, fry Statient, is a freder, mucces Mattre, like the White of an Egg, consisted in the CMs, or Artesol of the I works, which grows have the CMs. I have been a support of the CMs of the I was a support of the CMs. I have been a support of the CMs. I have been a support of the CMs. I have been a support of the CMs. The CMs. I have been a support of the CMs. The CMs. I have been a support of the CMs. The CMs. The CMs. I have been a support of the CMs. The control of the CMs. The CMs. I have been a support of the CMs. The control of the CMs. I have been a support of the CMs. The control of the CMs. I have been a support of the CMs. The control of the CMs. I have been a support of the CMs. The control of the CMs. I have been a support of the CMs. The control of the CMs. I have been a support of the CMs. I have been a support

DENUNCIATION, a folemn Publication, or Promul-

tion of any Thing.
All Veffels are lawful Prine after Denunciation. or Pro-

clamation of War. See PRIZE.

The Denunciation of excommunicated Perform, is, that The Deninciation of excommunicated Perions, is, that the Sentence may be the more fully executed, that the Per-fers may be known, the Entrance into the Church refused them, and that other People may be warned, not to have any them, and that other People may be warned, not to have any Communication with them. See Excommunication. DEOESTRIFETS are fuch Medicines as onen Ob-See Obstruction, and Detingent

furficion. See Obstructivos, and Dittracays'. I must be electr'd, however, that there is functhing its Malcine may be dealfromen, that is not in the infield Sond detergors, as in pixel, are not made of mentions Sond detergors, as in pixel, are not made of mentions sond the pixel of the sond of the control of the Appellation from thirt Acting by their narrad Weight, whereby they increase for Monarizons of their creations First, and make it fifthe spirith the forestay Obste with a sile of the sond of the sond of the control of the sile of the sond of the sond of the sond of the sond is the field thirt, of the sond Determine, which is given from they difficied the College Sond Determine, which gives from they difficied the College Sond Determine, which is given from they diffined the College Sond Determine, which is given from they diffined the College Sond Determine, which is sond to some the sond of t therefore the Animal Fluids are faturated with deale, and folid Particles, with the greater Force they diffend the Vef-fels, and more eafily break through, where the Structure to-your their Efcape; and upon that Account are Medicines, which add to these Qualities in the Fluids, call'd Deal-

Omnis que movent ad Mortem funt Decdanda. What moves to Death; or kills him dead What moves to Death; or I. Theadend, and forfeited.

The Law Company and Section 2 and man dead,
This Law Genes to be an Institute of the in Excelor,
Chap, XXI. If not be general after, or a Warner, early his
Harm, for a trip air, a three figure 1 and in 4 extractly, and
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Il Diebérment. See Deobyruent.
DEPART, a Michod of refining, or purifying Gold by cass of Jame Fortis. See Goun.
There are three Ways of refining Gold; The first by Anaessay: The Georal by Sublimate: and the third, which the most usual, by Anae Jortis. The two former, for

There are, there We be Commenced at The first by designees to the control of the property to the Control of Solidonies and the third, which is the said stale, by Johns Jorna. The two former, for Fee the Operation of the Zhaper, he was the chird, which is the said stale, by Johns Jorna and a of Silvery, their they confidence of the Zhaper, he was the chird, cell them the property that the control of the Lindon Silvery that the control of the Lindon Silvery that the Control Silvery that the control of the Lindon Silvery that the Control Silvery that Provide said the Control Silvery that Provide said of the Control Silvery to the Operation could be said to the Control Silvery to the Control Silvery to the Control Silvery that Provide said of the Control Silvery to the Control Silvery that Provide said of the Control Silvery to the Control Silvery the Control Silvery to the Control Silvery that Provide said of the Control Silvery to the Control Silvery the Control Silvery that the Control Silvery the Control Silvery the Control Silvery that the Control Silvery that the Control Silv

hemost Fire, to be cell into lagons, or Wedger.

It must be added, what the Silver, with the importance of the control of the

Salt-petre. Salt-peter.

To bushbard the Japus fortes, and make them ferve again for a fixcoad Operation 3 they diltil them in an Earthen, or Claff Alemble 5 and when the Distillation is about a third over, thange the Recipient. The Water of the first Recipient, ferves for the first Operation of Depart, and the reif for the Indequent case.

and for the discloyure cont.

If the Agent price, having quinted the Silver, and being mitted with the Copyer, be then filterated, it is callful, Agent fermed, is levelad, by so they an inter-part formed to the copyer, be then filterated, it is callful, Agent fermed, is levelad, by so they an inter-part formed to the Copyer, and prey on the Iron, Levring the Copyer in Product can the Iron-Plant. And filterating the 201/printing, you may get the Iron out of it by laying in it a Free of Ization of the Iron and Iron out of the Iron of Iron out of the Iron of Iron of Iron out of the Iron of Iron

DEPARTURE, or DEPARTER, in Law, a Terin property applied to a Perfon, who first pleading one Thing in Bar of an Addino, that being repiled to, he wave it, and infilit on foresthing different from his first Plea. Or transy to applied to a Plaintiff, who in his Replication flows a new Matter from his Declaration. So if a Man plead age-eral Agreement in Bar; and in bits Rejoyated alledge a fpecial one; it fhall be adjudged a Departure in Pleading. The Defendant berenton demorred, because it was a Departure from the Declaration. Coke II. Part, fol. 147.

Departure from the Belavarities. Cele II. Fart, fol. 15, Departure is "Depling of set Centr. is when the Te-nute, or Defendant appears to the Action brought against him, and has a Day over in the time as Departure in The Departure in the Centr. and therefore be fluid be condemned. The Departure is always on the Part of the Tennit, or De-fendant, and its Entry is, and prediction. Here follows: Lexically, one revents, follow consequence that is to the Departure revents, follow consequence that is to the Departure revents, follow consequence that is to Departure revents, follow consequence that is to Departure revents, follow consequence that is to the Departure of the Departure of the Tennit of Departure of the Departure of the Departure of D

DEFERTURE, in Navigation, is the Easting, or Westing of a Ship, with respect to the Meridian it departed, or fail'd from. See MERIDIAN. Or 'is the Difference of Longitude, either East or West, between the prefent Meridian the Ship is under, and that where the last Reckoning, or Observation was made. See

LONGITUDE-

This Defarture any where, but under the Equator, must be accounted according to the Number of Miles in a Degree proper to the Farallel the Ship is under. See Mercatori-

DEPHLEGMATED, in Chymistry, an Epithet applied to Spirits that are well cleared of Water, or Phlegm. See

SPIRIT, and PHLEOSI.
To effect which, they reflify them, i.e. diffil them over and over, till they be left quite pure. See DISTILLATION,

and RECTIFICATION.
DEPHIEGMATION, in Chymidty, is the Act of puriflying, or clearing a Fluid of its Phlegm, or Water.
This is preformed by diffilling the Spirit, or other Faild
over and over; by which means, the frictions These
rifes, and leaves the Phlegm, or Water behinds, or
flex's with the Phlegm, or Water behinds, or
string its than diffengagi of all its Phlegm, or at leaft, as
much as it can be, it cattled, a deployanced Spirit. See

DEPILATORY, or DEPILATIVE, in Medicine, Platter, or Medicine, applied on any hairy Place, in order to bring off the Hair. See Hair.

to bring off the Hair.

to oring of the name acceptable.

Tellistories are principally composed of Orymeat, which is a very conflic, and even a dangerous Mineral. For Hairs growing on the Fore-head of a young Giri, 1 preferrbed the following Dropess, or Depletion Limited, Degori.

The Word is form'd of the Particle De, and Part.

DEPONENT, in the Latin Grammar, a Term applied to Verbs, which have Active Significations, but Path: e Terminations, or Conjugations, and want one of their Participles Passive : As, Miner, I threaten, which has for Participles, Pattive: As, Mines, I threater, when has for Patticpes, Mineste, Minesterns, and Minesterns, but no Munesterns, which flowld be the Participle Pattive. See Va.a.

They are call'd Depresents, as having deposited, or laid a field their Pattive Signification.

DEPOPULATION, a Washing, Pilking, Destroying, Defoliating, or Unpeopling any Place. Cokes Infits. Part III.

1961.204.
Hence, "Defopulatore: Agrovum. Stat. 4. Henr. IV.
DEPORTATION, a Sort of Bandhunens in Use ameng
the Romons, whereby fome Illand, or other Place was allered a Criminal for the Place of his Abode, with a Prehabeltion not to fill rout of the fame on Pain of Death. Setion not not fill rout of the fame on Pain of Death. Se-BANTOHMENT

Ulitan makes this Difference between Deportation, and Relegation, that the former confined the Party to one cer-Reseguion, that the normal common was frequently re-voked, and allowed a little more Liberty. By Doporta-rion that Perfon loft the Rights of a Rossau Citizen. See

rost tant verson int tan kungan vit a Kanasa Unitan. See E. DERCONTION, in Lew, a Trellinean given in Cast by a Wineda upon Orth. In Chancery, Brightims in Testimony for down in Mills and Chancery, Brightims in Testimony for down in Mills Chancery, where find Wineda is called Deptement. When find Wineda is examined in egen. Out, he is fall to the Chancer of the Company of the Co

See DEPRIVATION.

Deposition differs from Suspension, in that it absolutely and for ever strips, or divers a Priest, &c. of all Dignity, Office, &c. whereas Suspension only exhibits, or reterms the Exercise thereof. See Suspensions.

Deposition only differs from Degradation, that the latter

Depolition only differs from Depolation, that the latter innee formal, and attended with a few more Cinemalization than the femers: But in Effect and Subditione they are the finney those distributed Commissions being only on the finney that distributed Commissions being only vion, and kept up by Golfson, but now warranted by the Laws, or Cinema. See Demandration.

DEPOSITORY, in Law, a Perion counted as Keeper, or Courtine of any Titing, See Demandration.

Ordinary Depositories are not to warmen the Thing left with them, in Cate it be loft, or fielden. They are only to answer for a Fraud, or Berach of Faith, not for Negligence. But a Necessary Depository, as an Inn-keeper, is accountable for a Their, or Robberry, if there have been any New York.

gligence in the Gafe, ligence in the Care.

DEPOST, Depositions, a Thing put in the Hands of another to be kept grasss. See Directivery.

The Civilians divide a Depositions into Simple, and Ju-

Judiciary, is that conteffed between feveral Per-fons, and deposited in the Hands of some third Person, by Decree of a Judge.

Diene ef 3 Julies. Single in einer Veinntery, er Necessiry, in hat does in Casie of Hoslitter, Salpwrack, Fire, Sir, Interbolers are responsible for the language between the the site of the control of the site of the control of the site of the si to the Manner of performing tome Cerem

of Prayer.

Among the Greek, the Earn of Abliantion is depresent to the Control of C DEPRESSOR, in Anstomy, a Name common to divers Murcles, from their Office in Lowering, or bringing down

the Paris they are fasten'd to. See Muscle.

Derness: a Labii superiorii, in Anatomy, a Muscle cell'd allo Constructor Ale Nast. See Constructor Ale

DEPARSSON Labii inferioris proprins, a Mufele placed between the Depressors Labiorum communes, on the Part or I'd the Chin. It appears to be but one Muscle, ascending with a twofold Order of fleshy Fibres, and terminating in the ower Lip. Its Office is shown by its Name; To let fall the

Duen aux. Labierum communis, by fome call'd Deprof-Para Labierum communis, by fome call'd Deprof-Para Labierum communis to both Lips. It artifes sith a broad Origin from the lower Margin of the under-lien, by the Side of the Chin, and is inferred with a narrow Dail iron call. Jin near their Cashiston, fermin n. deail into each Lip near their Coalition; ferving to draw

them obliquesy down. Debanson Mosille inforiorit. See Digarratum. Debanson Oemli, a Pair of Muffels fringing from each Center of the Eye, and ankwered by another of like Figure and Smethers in the lower Eye-lid. Theft are offere another by Anatomilia as one Orbitular Muffel; the Filters instruming the Eye-lids, and inferred into them, not unlike the Sphillicture of other Parts. DEFRIMENS, in Anatomy. See DEPRESSOR

DEPRIMENS, in ABRITANY, oce DEPRIMENS.

DEPRIMENTATION, in the Cancel Law, the Act of bereaving, divefling, or taking away a fiprimal Promotion, or Dignity: As when a Bilbon, Viez, Prebend, or the like, is depoind, or deprived of his Preforment for tome Matter,

or Fault in Fact, or in Law.

Depresention is of two Kinds; ABeneficio, & ab Of-

DEFRIVATION a Beneficio, is when for fome great Crime, a Minister is wholly, and for ever deprived of his Living, or Preferment: which differs from Sutpension, in that the latter is only a temporary Deprivation. See Sus-

DEPAINTION of Officio, is when a Minister is for ever deprived of his Orders; Which is the fame in Reality, with what we otherwise call Deposition, and Depression; and is sufusily for form beinous Crime, deferving Death, and performed by the Bishop, in a folerun Manner. See Diorain Geometry, &c. See ALTITUDE.

DEPTH, HEIGHT, Sc.

HEIGHT, Gr.
DEFF of Agnative, or Battellion, is the Number of Man in a Files, which in a Squadron, it three, and in a Files which in a Squadron, Street, Gr.
BERGER, Street, Gr. Street, Gr. Street, Gr. Street, Gr. Street, or Profession, or Profession, it is the propagate of the Locs, Feech, and other crift, courie, and convenentations present adulting theories. See Cassaries are Number of Street, and other crift, courie, and convenentations. CATION, Sc.

Formentation ferves to deparate Liquors: Systementation ferves to deparate Liquors: Systemental June 1988 See Filtren, E. Manica Hippocratis, or Straining-Bag. See Filtren, E.

peputation, a Miffion of certain felect Persons out of a Company, or Body, to a Prince, or Assembly, to treat of Matters in their Name; or to prosecute some Assembly, Can DEPRITY

Defutations are more or less folems, according to the

nt upon

fest upon.

**The properly applied where a fingle Perfort fest another with fach Committion; but only where a Body are concernd. The Parliament deputed the Speaker, and a Members, to prefent their Address to his Majeffy. The Chapter deputed two Canona, to folicit their Affirst.

EGENET.

EGE

Concerns. Thete Disputies are three or four of the richett, and most confiderable among the Burgeffer.

Deputy, is also frequently used among us, for an Office, or Employ; not a Dignity; and stands indifferently for a Vice.

er Employ, not a Dignity; and thanks indifferently for a Vier, are Lieutenam. So C. Lieutenam, Son Lieutenam, Among the Antients, Department was applied, First, to Among the Antients, Department was applied, First, to the Tenger, of Workmen employed in the making of Armour in the Fuerge, U.e. And fecondly, to a Sort of busin People, who kilowed the Army, and in hougements were charged to bring off, and take Care of the Wounded.

to bring off, and take Care of the Wounded.

DEPUTATES, Asservates, was also an inferior Officer in
the Church of Confloratinople, whose Business, was to call
Perform of Condition the Patriarch had a Mind to speak
withing, and to keep off the Crowd where the Prelate walk'd. withil, and to keep off the Crowd where the Prelate walk d. This Diptory appears to have been a Sort of Ulpr, or Tip-Stoff. But he had likewife the Care of the facred Veli-ment; in which he appeared the Office of a Sacriflan. DERELICTS, in the Cril-Law, are fach Goods as ser-utifully thrown way, or crilinguish dy by the Owner. The Tom is affo ufed for fuch Lands, as the Sas receding from leaves dry, and far for Culti-Valley.

Term is and alot for Cultivation.

DERIVATION, in Grammar, the Connexion, or Affinity one Word has with another, by having been originally sity one Word has with another, by having been originally formed from it. See Evyasonov.

Derivation, in Medicine, the diverting a Hamour which flows on fome noble Part, and drawing it to four-other neighbouring Part, where it is lefs dangerous. See

Humour.

Thus, in Defluxions upon the Eyes, or Teeth, they apply a Biffer behind the Neck to draw the Matter thither: And a Blifter behind the Nock to draw the Matter thither: And in a Squinancy, they preferibe Bleeding in the Ramula, et Vinis under the Tongue, to divert the Humour from falling on the Throat. See DEFLUXION, and FLUXION.

DERIVATIVE, in Grammar, a Word, or Dickon, which takes its Origin from another Word, call'd its Primarios.

ce Primitive. Such is the Word Derivative, which takes its Origin from

Such is the Word Derivotive, which takes in Origin from the Primitive Review, a Rivater, or Channel, one of which life Streams are deserted, and thus Matsbook, Deiry, DERMA, in Antomy, the Carit, or Stin of an Animal, or the Tegument inveiling the whole Body immediately un-der the Carity of Secrit Skin. See Curis. The Derivas conflits of two Parts, the Corpor reticulars, of the 2xyling Payamidatis. See Saxis, Ravicus and,

and PAPILLE.

The Word comes from the Greek Aspely, to flee, or ex-

DERNIER Reffort. See RESSORT

Whatever Power is committed by the King to any other, the Dernier Reffort is fill remaining in himself; so that he may set in Court, and take Cognizance of Causes; except in Felonies, Treasons, and other Cases, where he himself is

** Party.

DEROGATION, an Act centrary to a preceeding one, and that annals, defitors, and revokes it.

Diregations, in general Terms, are not regarded in Judicates; they must be in special; and in formal Terms.

A rea Law imports a **Derogation of a former one: A ** the Control of a former one: A ** the Control Technology is a **Diregation of a first.

DEROGATORY, a Giaufe importing Derogation. If a Petion own himfelf indebted in a certain Sum; notwith-flanding any Quittance he has obtain'd for the fame, the

Ach is devogatory.

DERVIS, or DERVICHES, a Sort of Mooks among the Tarks, who lead a very suffere Life, and profefi extream Porcetys the disposed to marry.

The Dervist, call'd also Mevodeviets, are a Meisaucetsa. Order of Religious 5 the Chief, or Founder whereof was one Mevolest. They are now very numerous. Their first Mo-

sallery is that near Cogni in Naturi's, where the Control makes his Reddorrey, and white, all the Atlendhies of the Market near the Section of the Control and the Section of the Section

Callon to this Exercific from their Youth, his brought their to fack pair, that it does not mass, or diffeomptof them at all. This Fractice they observe with great Surfancis, in Memory of Mees their Patriarch's turning minculously round, for the Space of fear Days, without any Food, or Referefament; his Companies Heady playing all the while on the Fluts, after which held into an Exity, and theredeficientless; an companie of one parties, our horizontal control of the control

on, and other d. Milley Litters, Procept, drink Wise, Bern-der Gystey their Order requires.

Beddie their great Saint Mewaltners and testing.

Beddie their great Saint Mewaltners and testing the saint particular than the second process of the saint section of the saint section to be 8th George, and by others, with more Probable into the 8th George, and by others, with more Probable into the Saint S and are in the last Contempt among the Men of Wit, and Letters.

Letters.

The Word is originally Perfins 29171, fignifying a Boggar, or Perfon who has nothing. And by readon the Roligious, and particularly the Followers of Messless, profeis not to policies any Thing; they call both the Rolligious,
in general, and the Messlesster in particular, Dervit, or

DESCANT, in Music, the Art of Composing in several

DESCANA, in some, the art or companing in several parts. See Composition. Defiant is three-foldy viz. Plain, Figurase, and Double. Plain DisCant, is the Ground-work, or Foundation of Madical Composition, and conflict altogether in the orderly Placing of many Concords; aniwering to fingle Countries.

ter-joint.

Figurates, or Florid Descany, is that wherein Diffcords
are concern'd as well, the not fo much, as Concords. This
may be well nerred, the Ornamental, or Rhetorical Part of
Musick; in Regard that in this are introduced all the Variccies of Points, Figures, Suprope, Diverfities of Medicas,
and whatforer elfc is capable of adorning the Composition. Dauble Descany, is when the Parts are fo contrived, that the Treble may be made the Bass; and on the contrary, the Bass the Treble. See Harmony, Countral

OINT, So.
DESCENDANT, in Genealogy, a Term relative to
floredant, and applied to a Perfon, who is born, or iffued
oom fome other here referred to. Soc Ascandant,
Adms indected, all his Defendants with Original Sin.

ORIGINAL Sin

100 Differentess from the Brothers of the Maid of Or-lease, are confirmed in their Exemption from all Taxes, and Impolls, by a Regulation of the Year 1634, DESCENDING, ionnething that falls, or moves from above, downwards. There are "fineding, and Differenting Stars: Affecting, and Differenting Digrees. See Augus-tines, 62.

DINC, OG.
DINCKNINS o Latitude, is the Latitude of a Planet in
its Resur from the Nodes to the Equator. See LATIVIDES.
There are Affectabley, and Defectabley Vision, fringing
out of the Caus: Affectabley, and Defectabley Arteries,
riting out of the Arter. See CAYA, and AOXY.
DISCENSION, in Afternoom, it either Right, or Oblique.

Right Discrission of a Star, or Sign, is a Point, or Arch of the Equator, which defeated with the Star, or Sign below the Horizon, in a right Sphere. See Right Sphere.

Oblique Descension, is a Point, or Arch of the Equator, which defeends at the fame Time with a Star, or Sign below the Horizon, in an oblique Sphere. See collegue

SPHFEL.

"Differifiers, both Right, and Oblique, are accounted from the first Boint of Jests, or the Vernal Interfictions; as-counting on the Observation, when he happened the production of the Control of the Collect, and the production of the Collect, and the Control of the Collect, in 1800s, that flowerings a guarta Parish of the Papuas of the Collect, in 1800s, that flowerings a guarta Parish of the Collect, and the Collect of the Collect, and defined the Collect, and the Co Refraction of the Descension, Sc.

DESCENSIONAL Difference, is the Difference be-ween the Right, and Oblique Defaculton of the fame list, &c. See DIFFERENCE.

Star, &c. DESCENT, or DISCENT, in Law, an Order, or Man-re wherein Lands and Tenements are derived to any Man from his Ancestors

Thus, to make bit Defeant from his Ancestors, is to show, how, and by what particular Degrees, the Land in Question came to him from his Ancestors.

come on this from his Associate.

"Different is chief Lunds, or Collecteral.

Linead Descener, is that omesy'd down in a right Line
from the Grand-Paher to the Fisher, and thou the Fasher
Golderten Descener, is that freinging out of the Side
of the Line, are Blood, as from a Man to his Brother, Nophew, or the like. See Contavanan, and Descene.

If not due the Collection is the River, for the Side
of the Grand Descener, is that freinging out of the Side
of the Line, are Blood, as from a Man Obligation, the Side
of the Line and the Line, for the Collection of the Side
of the Line and the Side of the Side
of the Grand Side of the Side of the Side
of the Side of the Side of the Side
of the Side of the Side of the Side
of the Side of the Side of the Side
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of the Side of the Side of the Side of the Side
of the Side of the Side of the Side of the Side of the Side
of the Side of the Side

Succeiline of Deficientary in a Line, or Family. See Da18210-1877. We Deficient, See. A. Genileman is of a price Blood, who has loss Deficient of Genility, both by in Father, and Macher's Side, i. A. which Gener-Genal-Pather, Genile Steller, and Father, on both, Soids, were all the Company of the Company of the Company of the coming down of any Thing from above. Datestray, it also dued in Hendricy, to expert the coming down of any Thing from above. On the both Point, and his Healt beared on of the Correc-tive Cited, at it he were lengths from from high Plaze. Datestry, Plaz, and his Healt beared on of the Correc-tive Cited, at the were lengths from from high Plaze, the Company of the Company of the Company of the Health of the Company of the directly, or chilquidy. See Converse, and Morroom, the Company of the Company of the Company of the Healthing. For five Bodies camer persential each other, which it camed do, unded it he feedbadly beavier than the Medicine. Yes free Bodies camer persential each other, which it camed do, unded it he for feedbadly beavier than the Medicine. Yes free Bodies camer persential each other, which it camed do, unded it he for feedbadly beavier than the Medicine. Yes free Bodies camer persential each other, at it contains more Particle owners, and confequency in the Company of the Company of the Company of the Wood, See System of General Conference of the Checken. See Missions. Of the Springer Body is, Third, J. How two both life in the frame Medican.

Weight, a is a how Weight of the alleafum, with the Force of Inchestion. See Edit From the Conference Book in Inchestion and Edit From the Conference Book in the March 1997 of the Conference Book in the more of in Gravity does it lost in the fines Medican. For the 'the Properties of the Special Contrivity of the occur-le of the Book, the more the Suffice, in Proportion to the March 290 of the Conference Book in the Conference Book in March 290 of the Conference Book in the Conference Revisitors. See Faceton, and Ramera see: Deep gravity controvered. There are no opposite phys-thylic advanced, it not be the Conference Book in the See Book in the Conference Book in the Conference Book in the See Book in the Conference Book in the Conference Book in the See Book in the Conference Book in the Conference Book in the See Book in the Conference Book in the Conference Book in the See Book in the Conference Book in the Conference Book in the See Book in the Conference Book in the

small, and the other from an enternal Principle. The first maintained by the Persparents, and Perservant, and Newtoniaries, and the latter by the Carriginat, and Geffendiffe. The Perservant of the Carriginat, and Geffendiffe. The Carrigination of the Carrier of the Earth, is their proper Edmans, or Pince in the Carrier of the Earth, is their proper Edmans, or Pince in the Carrier of the Earth, as their proper Edmans, or Pince in the Carrier of the Carrier of the Earth, as their proper Edmans, and the Carrier of the Carrier of

The ancient Epicareans, or Atomists, with the modern Newtonian Philosophens, hold, that all Bodies Stavitate, or tend downwards, and that the more fittingly, as they contain the more Matters confequently persons at the year that the stavitation of the proposal contains the more Matters confequently persons the stavitation of the proposal contains the more fitting that the proposal contains the

the most of all. See Garlitt.

The Carefine arithm the Carefin of Delicare of Bollean as circular Mexica of the Artist of O'Delicare of Bollean a circular Mexica of the Artist, which they feign for the very Parpelo. According to them, all circular Mexica is a state of the Artist of

The Gaffendifts account for the Defcent of heavy Bedien The Geffmilit account for the Defens of heavy Relia, by fappeding critical magnetic kkey proceedings out of the Lords, and confilling of configures Farneles, which by their the process of the Conference of the Conference of the Lords, and confilling of configures or the Conference Conference of the Conference of the Conference of the Conference Earth, are Centre, fittle, or impage on what fold Bedien they mere which is their Proprise, and poercrate the finan-thy and the Conference of the the Manner of Kays of Light. Their Rays, fay they, see a Nide of Arms, and the Defections, and Corraters of the the Extremes, as it were Fingers, or Hooks, which pall, and the Lords of the Conference of the Conference of the See and the Conference of the Conference of the Conference of the See and the Conference of the Conference of the Conference of the See and the Conference of add, that these Rays being the more rare, as they are more remote from the Center; their Effect is the more feeble; and the Descent of Bodies is the more flow, in Proportion

Laurs of the Descent of Bodies.

I. Heavy Bodies in an unrefitting Medium fall with an uniformly accelerated Motion. See the Laws of uniforming accelerated Motion under the Articles Accelerate TION, and MOTI

as they are higher.

forming condensed Minimu washes the Articles Accentance Trees, and Minrors to Affording with obligation Remis of the Times, and Viscourse Affording with obligation Remis of the Times, and Viscourse Affording with obligation and the Times, and Viscourse Affording to the Samuel Control of the Affording to the Samuel Control of the Affording to th

of their Weight. A Power, therefore, of 42 Pounds is abl

to fuithin them.

In supposing heavy Bodies to defented in an unresilting Medians, we conceive them free of all external Impediments, from what Canfe foverer. So that we even fet a did that oblique impait given to Bodies while in tailing, by the Rotation of the Earth, the othis produce no fentiable Irregularity in a little Diffance

in a little Diliance.

Galtieau, who first discover'd the Law of the Descent
of heavy Bodies by Reassoning, afterwards confirm'd the same
by Experiments; the Result of which, repeated an hundred
times over, was, that the Descent was as the Square of the Times.

Times.

Grimatico and Ricciolus made Experiments to the fame
Effect, the in a different Manner, by letting fall a Number
of Balls, weighing 8 Ounces a Pice, from the Tops of feveral Towers, and measuring the times of falling by a Pice
dulum. These Experiments are exhibited in the tallowing Table. | Vibrations of | Time, | Space at the | Space defects-

the Pendu- lum.			End of the Time.	ded cach Time.
	1 *	**	Rom. Foot.	Rom. Foot.
5	0	50	10	10
10	1	40	40	30
15	2	30	90	50
20	3	20	160	. 70
25	4	IO	250	90
1 6	I	0	15	25
11.	2	0	60	45
18	3	0	135	75
2.4	4	0	240	105

Since them the Experiments of Riccident, made in fach beinging Thioga that an in Pours, but only Circumbence, confidentible Diffusors, agree to well no the Theory, to or Tanag about ham, Tell, Tomes, Leving, Western, Proc. (1998) and the Company of the Company

be detained in the Quedition.

If if a heavy Body defend in an unrediffing Medians hought an interval not over-large, the Space it deferibes is fabricular of that which it would deferibe in the fame Time with the Velocity acquired at the End of the Fall.

Ill. The Time wherein a Body Talls from a given theight being given, to determine the Spaces is fell in the 16-

Height being given, to d Suppose the given Akitude == the Time =t and the

1: x =t ": z t'x = a

Therefore the Space passed over in the first Part of Time is at \$\tilde{x}_1\$. Consequently that passed over in the forced Time \$\tilde{x}_2\$ is \$\tilde{x}_3\$. This in the third \$\tilde{x}_2\$ is \$\tilde{x}_3\$. This in the third \$\tilde{x}_2\$ is \$\tilde{x}_3\$. E. \$g_7\$ in the Experiments of Risciolar above deliver\$\tilde{x}_4\$. Be Bl field \$x_3\$ over feet in 4 \$\tilde{x}_3\$ conds. Therefore the Space fid the first second was \$\tilde{x}_3\$ to \$\tilde{x}_4\$. The Space in the Good was \$\tilde{x}_3\$ = \$\tilde{x}_5\$ = \$\tilde{x}_5\$. The Space in the Good was \$\tilde{x}_3\$ = \$\tilde{x}_5\$ = \$\tilde{x}_5\$.

fül the first focused was maters stemats. The Squeer is the focused was maters justification to the first stematic And that in the fourth 1/2-mater. The first stematic stematic form of the first stematic stematic stematic stematic stematic long given to determine the Time wherein it will find any other given Space in the finane Medicane. Since the Space are as the Squares of the Times: To fixe the Squeez are as the Squares of the Times: To the Squeez which the Body fail in the given Time, the Squeez Spatth Propercious, which will be the Squares of the Time flught. The Squares Rose, therefore, being carefuled there-form, the Problem is failed.

For Example, one of Ricciolus's Balls in 4 Minutes
Time falling 240 Foot, it is required in what Time it would
fall 125 Foot? The Answer will be found—V (135:16:240)

cenes, its and what opace it will tall in 4 occurses? The
Antwer is, 16.60:4—4.60— 140.

For the Laws of the Descent of Badies on inclined
Planes. See Inclined PLANE. For the Louis of Descent in Cyclaids. See Cycronn.

and PENDULUM.

Not the Lefter of Letters in September One extraories, Letter of parked Discussers, in that which a Body falling by the Alice of Gensiey defendes in the fluened Time, which is proved by Generactions to be the Optical. See the Alice of Gensies of Contraction of the Contraction of

DESCRIPTION, a superficial, imperfect, or unaccurat

DESCRIPTION, a tuperficial, imperfect, or unaccurate befinition of a Things, giving a Sort of Knowledge thereof from forme Accidents, and Circumflances poculiar to it, which determine it enough to give an Idea that may diffinguish it from other Things; but without explaining its Nature, or Effence.

Grammarians content themfelves with Deferipsions: but Philosophers require exact Definitions of Things. See Dr.

DESCRIPTION, in Philosophy, Logic, &c. is an Enumeration of divers Attributes of a Thing, most of which are only accidental: As when a Person is described by his Deeds, his Sayings, his Writings, his Honours, &c. See DEFINI-

A Description, as to its outward Appearance, refembles a Description; and is even convertible with the Thing de-feribed; but does not explain it. For instead of bringing ferthed, but does not explain it. For initiated to the ferthed but does not explain it. For initiated to the ferthed, it only brings feveral Things effential to the Thing deferibed, it only brings feveral Things effects belonging thereto. E.gr. Peter is a Number of Accidents belonging thereto. the sall, young Man who level on the Green, wears black Clother, frequents the College, Courts N. evident, we do not give any Explication of Peter, as not

to that, Quis cit? Who is he?

Deferiptions, in Effect, are principally used for Singu-lars, or individuals: For Things of the fame Species do not differ in Effectee, but only as to Hie, and Hie, which Difference contains nothing very notable, or diffinguishable. But Individuals of the fame Kind, differ much in Accidents.

But bedivikanie of the flume Kand, differ, much in Kondenn, E. gr. George is King, and William a Garinera, Chattiera a Allade, and Annoe a Fenade y Henry is welfe, and John a Blackberd, &c. Thus, 20/griyptie in a Ancumalistic of the Annoe whereby Things one southly diffinguilly of from Anthon, whereby Things one southly diffinguilly of from Anthon, whereby Things one southly diffinguilly of from Some Authors, in 20/griypties a 20mg/1-0/minion, in Some Authors, in 20/griypties, a 20mg/1-0/minion, in Some Authors, the 20/griypties, a 20mg/1-0/minion, in Some Authors, the 20/griypties, appendive southing from the Form, or Effects of a Thing, it gives one, or now Proporties asing from the Form, or Effects of a Thing, the difference. So Dirich

ITION, ESSENCE, FORM, EG.

DESCRIPTION, in Rhetoric. See DEFINITIO DESCRIPTION, in Rectoric. See DEFINITION.

Description, in Geometry. To describe a Circle, Ellipsis, Parahola, Se. is to confirm to form those Figures, with Rules, Compaffes, Sec. Sec Construction, and

DESERT, or DESART, a Wildernofs; or wild, uncul-tivated, uninhabited Place: As the Deferts of Lybia, of the Thekaide.

he Thebasie.

Goographers aie the Word in the general for all Countries
title, or not at all inhabited. See Wildensensen
In Scripture, we find frevent Places in the Holy Lend, or
Places adjoyring thereto, call'd Defart. The Defart, or

Places adjoying thereo, call'd Defars. The Defars, or Wildernell, simply, is that Pars of Anabia on the South of the Holy Lead, wherein the Ifracilies wanded forry Years, from the Time of their Evacuating Egypt to their Entry into the promised Land. The Defars of Berfabea was that Part of the Defars juff mention d, which border'd on the Part e'ft ar Differt jitt menindi, "bild boulet'd on the High Lead, remain toward the Medicerrease... The Pierre of Humen, is Hansen kirdi, a borren, monantinous Constr., "The Differt of Humen, Emploid, Casho, "British, Casho, Dismon, Shida, Empdala, Eboun, Gilvon, Herch, Jerustin, Shida, Empdala, Eboun, Gilvon, Herch, Jerustin, The Construction, "Dismon, "Shida, Empdala, Eboun, Gilvon, Herch, Jerustin of Domay, Gr. where there are five, or no Habitations, who had habitations, who have the Herberter affeld them by Annighteilt 12/12A, which proporting inguities hamen Word, or Spirite, by reason there was note heard."

DESERTER, in War, a Soldier on the Muster-roll; who quits his Company without Leave; or lifts himself onder another Officer

All Soldiers found half a League from a Garrison, or Ar-All Soldiers found half a League from a Garrifion, or Ar-my, going towards an Enemic Coantry, or Quarters, with-out a Pals, are deem'd, and troated as Doferiers. The Panithment of Deferrion, is Death. The ancient Church excommunicated Deferrers, as ha-

ted their Oath.

ving violated their Ouris.

DESHABILLE, a French Term, naturalized of late.

Is properly fignifics a Tolkets, Night-Gown, and other Nocellaries, made and of a dredfing, or underfing. Mr.

is not to be fooke withal; be is yet in his Definative, i.e.,

underfield, or in his Night-Gown.

The Word is a Compound of the Privative de, and d'ha-

DESHACHEE, in Heraldry, is when a Beath has its Limbs feparated from the Body, so as they still remain on the Escutcheon, with only a small Separation from their na-

I Di DESIGN, or Draught, with regard to the Arts and ciences, fignifies the Thought, Plan, Geometrical Repre-mation, Distribution, and Construction of a Painting.

Form Book, or Building.

This Painter has firewn the first Design of his Piece, in which the Figures are well disposed. The Design of that

in which the Figures are well dispoind. The Doften of that is refined to the Poem or Book is arrifully tail.

Cleanian waver fees his whole Doften together. When he composed a Pint, he thinks of too finite effect and works not report of the Pint of the Pint of a Building, one may in the "Ferm Redesgraphy, when the Pint of a Building, or a flat Theorem was to the Pint of a Building, or a flat Theorem of the Pint of the Pint

rais'd from the Ground. See Onthography.

And Scomparably, when both From and Sides are frem in
Perfpective. See Schworkship.

Distant, in the Manufactories, the Figures wherewith the
Workman emirches his Stuff, or Silk; and which he copies

after found Painter.

In undertaking fisch Kinds of figured Stuffs, 'tis necessiary, that before the first Stroak of the Shuttle, the whole Defigure be reperienced on the Threads of the Watp; we don't

mean in Colours, but with an infinite Number of little Packensus not corous, not with an intense Number on time Pack-thready, which being difficoled to us to raife the Threads of the Warp, let the Panter fee from Time to Time what kind of Silk as to be put in the Eye of the Shettle, for Wool. This Method of preparing the Work, is call'd residing the Defign, or reading the Figure; which is perform'd after

the Disign, or reading the regard,
the following Manner.

A Paper is provided confiderably broader than the
Stuff, and of a Length proportionate to what is intended to be repreferred thereon. This they divide length
that I live as from any intended to be ded to be reprefented thereon. This they divide length-wife by as many black Lines as there are intended to be Threads in the Warp; and troft thefe Lines, by other drawn headth-wife; which with the former make little equal Squares. On the Paper thus figured, the Painter degray that Figures, and heighters them with Colours as he fore fit. When the Diffigs is limit! d. a Workman reads it, while another lays it on the Simblot.

other lays't on the Simblot.

Now, to read the Diffigs, is to till the Perfon, who manages the Loom, the Number of Squares, or Threads compried in the Space he is reading; siminating at the fame Time, whether it is Ground, ar Figure.

To pur what is read on the Simblot, is to faften little Strings to the feveral Pack-Threads, which are to raife the Threads annuel. And thus they continue to do, till the

Threads shifter. Arts that the stay contained cook, at the whole Differ is read.

Every Pive being composed of feweral Respectitions of the fame Differs, when the whole Differs is drawn, the Drawer, to re-beigin, as I may Liy, the Differs a-fettife, has nonling to de, har ratis the little Strings with Slip Education to the Top of the Simbotiv, which he had bet down to the Bottle Composed to the Top of the Simbotiv, which he had bet down to the Bottle Composed to the Top of the Simbotiv, which he had bet down to the Bottle Composed to the Simbotiv Strings as often as is nectlified.

tom. And this he is to repeat as once the Whole be manufactured.

The Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design, but much the Ribbond Weavers have likewise a Design with the Ribbond Weavers have likewise a Ribbond Weaver more simple than that now described. more simple than that now deferibed. The drawn on Paper, with Lines, and Squares, repreferring the Threads of the Warp, and Woof. But in lieu of Lines, whereof the Figures of the former confidt, the de only confid of Points, or Dorts, placed in certain of the little Squares, form'd by the Interfection of the Lines. The Churtas mark the Threads of the Warp that are to be talked; and the Square little of the Warp that are to be talked; and the Square little (Thread in Squares) and the Squares littl The rest is manag'd as in the for

The reft is managed as in the former.

Destons, is parcentarly useful in Painting, for the firlt Idea
of a large Work drawn roughly, and in little; with Intertion to Securedle, and finith of in large. See Painterno.
In this simple Servic, the Defign is the simple Content, or
Define of the Figures, or Things intended to be respectively, or the lines that committee, and circumferthe them.

door with a Vered. In Intime state, we some some Leapure.

John State of the Control West.

In Committee the both intended in the Great West.

The Qualities, or Pars required as Digity, asc. Correlating, Good Tole, Egglesse, Canarder, Discopity, Escale of the Processors, and a Knowledge of Annauer. Tole of the Processors, and a Knowledge of Annauer. Tole of the Processors, and a Knowledge of Annauer. Tole of the Processors, and a Knowledge of Annauer. Tole of the Processors, and a Knowledge of Annauer. Tole of the Processors, and a Knowledge of Annauer. Tole of the Processors, and a Knowledge of Annauer. Tole of the Processors, and a Knowledge of Annauer. Tole of the Processors, and the Markey Saudes (S. E. Eggente of Indianous, and a certain Agreedbread, which pleafer crypt body. The Charefully is what is possible to a made. Thirty, in which shows much be to District, and the Versal Charmadianous is significant to the Charefully in which the Charefully is which the Charefully in the Processor of the Charefully in the Processor of the

flundow: To make their Contours in great Pieces, with-out taking Notice of the little Mufeles, and other Breaks: To make themsfeves Maffers of the Rules of Porfective: To observe every Streak as to its perpendicular Parallel,

In make themsleved Militers of the Keits, of Porfactives and Diffusers, and particularly for no compare, an admittable that most upon, and stavete the Percentages, the Petts that most upon, and stavete the Percentages, and stavet the compared to the percentage of the percentage of

To defign according to the Rules of Mathematicks, makes the Subject of perspective. See Prassective, and SCINOGRADHY.

To defigu by the Camera Obfeura. See CAMERA Obfeura.

To diggs by the Camure Olfgares. See Camura Olfgare,
A Mechanical Methol of Drassovano Olfgaria,
Patholas a Square Pince of Chila fixed into a FranceFrance of Chila fixed into a Franceticory with Mann. A boxine a little Game has been difficult with When 'in seel defend again, sum it towards the Olfged, or be fixed the control of the Chila olfged, and the Chila December of the Chila olfged, and the Chila olfged, and be fixed though a Diopertor, or Sight Off, fixed thermore, Then proceed to work, a seel appropring the Spyen to the Sight, for the Chila olfged of the Chila olfged of the Chila fixed in Japon theorem, Harving failful the Draught, byla fair, sould Paper thereony, and prefing it yearsy tight down, The Methola it were good, e.g., and coeff; and determs. the whole will be tensetured from the Glafs to the Paper. The Method is very good, early, and exactly and deferves to be more afed by Painters. DISSIGNATION, the Act of marking, or making a Thing known. The Defiguation of tuch as Efstate is made by the Tensets, Bustments, and Boundings. Among the Researct there were Defiguations of the Con-tile, and other Mingilitates, fome Time before their

DESIGNATOR, a Roman Officer, who affigued, and marked each Person his Place, and Rank in publick Coremonics: Or, a Master of the Ceremonics, who regulated the Sears, March, Order, V.C.

Seats, starte, orust, or.

There were Defiguesters at funeral Solemnities, at the
Games, Theatres, and Shows, who not only affiguid every
body his Place, but also led him to it; as appears from the rologue to the Pennius of Plans

The Word is form'd from the Verb designare DESPOT, a Title, or Quality given to the Princes of Walachia, Servia, and fome of the neighbouring Coun-

The Word in its first Origin fignishes the fame with the Latin Herat, and the English Master. But in Time it un-derwent the same Fate on Medals, as, among the Latins, Gefor did with regard to Augustus; BANIAETE, answering for an with region to Integring; EARIAETS, antweing to Integrity, and ALEMOTHS, 200 proves, to Cifer. Thus, Nicepharus, having order'd his Son Stauracius to be crown'd; the Son, our of Refpect, would only take the Name AERIOTHES; leaving to his Father that of BAZIAETS. For it is to be noted, that it was just about the Time that the Emperors began to cease to use Latin Inscriptions. This Delicacy, however, did not last long; For the following Emperors prefer'd the Quality of AEZHOTHE to that of BAZIAETZ, particularly Conflantin, Michael Ducas, Nicophers Besoniates, Romanus Diegenes, the Commenii, and some others. In Imitation of the Princes, the Princesses likewise affumed the Title of AEEHOINA.

ceffes licewise affuned the Title of AZZIOSINA.

Twas the Emperor Alexis, featured the Angel, that
full central the Dispire of Dispire; and made it the first a
full central control is the case of Angels, or designer,
so the dispired to the control is the control
son, or Sous in Law, and their the minimum that proposed
Son, or Sous in Law, and their control is the Emperor
Son, or Sous in Law, and the Emperor
Son, or Sous in Law, and the Emperor
Son, or Sous in Law, and the Emperor
Son of the Emperor
Son

the Define. See the Notes of Fe. Gasr on that Author.
Under the Saccetions of Configuration the Great, the Title,
Define of Sparze, was given to the Emperor's Son, or
Brecher, who had the City of Sparze, or Lacedemon, by
Way of Apamage.
DESPOTISM, or DESPOTIC Government, a Form
of Government wherein the Prince is abboute and arbitra-

of Government wherein the Prince is absolute and arbitra-ry, doing whatever he lifts, without being check'd by any

Such are most of the Fastern Govern ether Power. Such are most of the Eastern Governments, as those of the Alogol, Grand Seignier, Sophi, &c. DESPOULLE, in Heraldry, is the whole Cafe, Skin, or Slough of a Beath, with the Head, Feet, Tail, and all Appurtenances; to as being filled, or Heinred, it looks like sher Power

the entire Creature.

DESPUMATION, is the Clarification of any Liquer,
by throwing up its Foulness in a Froth, and taking that off.

by thorous up in Foolant in a Froth, and taking that off.
SSF BATTS, LAATHEATION, SF.
DESQUAMATION expected the cleaning crison boots,
which false of like Soils—See Seaturs, Schansen, SC.
DESSERT, the list Service brought on the Takin of
Expected Conference of the Deflicative deflicative, and vulnerary. Lemery.
THESTILLATION, or Diffillation in Chymifty. See

DESTINY, the Configuration in cayminty. See DESTINY, the DESTINY, the DESTINY, the DESTINA (in College Special College Special

Son Dwaganence

internet their Comercion y which is not less of Provincience. See Fastin Nation.

The Turch is, the Stunder settled their define what the World Definity. The Turch is, the Stunder settled their white the World Definity. The Turch is not seen that their chief which the World Definity of the World Edition. The Stunder See Fastin National Carlot, we which they study the See Fastin National Carlot, we which they study the See Fastin National Carlot, we which they study the See Fastin National Carlot, we which they study the See Fastin National Carlot, we wished the National Carlot, we wished the National Carlot, which they will be seen to the Carlot Carlot, we which they study the See Fastin National Carlot C

of the official terms of the first field of the first field of Parts. See Correlation of Parts. See Correlation, when both Subffance and Accidents are loft. See Annihilation.

nts are loft. See Annihilation.

DESUDATION, expresses a profuse, and inordinate scaring; from what Cause foever. See Sweat. ecating; from what Caute toever. See Swaar.
DESULTOR, in Antiquity, a Vaulter, or Leaper; who

DESCLITION, in Antiquity, a Vaulter, or Leaper who maps of one More upon another.

Among the Geyphing, in Jaskam, and Namillians, the Cambridge of the More and the More and the More and the More at The Greeks and Runners berowe'd the Practice from these lushrous Nations, but they only talk it in their Games, Gurtén, and mireal Solemniton, and were, that we read People of H₀ and Apriles, Soldiers, but among the Edward, Apriles of Soldiers, but among the Edward, Soc. they were no more than Tumblers, and Polluser-Multer. Englishers on Hunter Hatel, Lik IV, efficient of the Miller. Englishers on Hunter Hatel, Lik IV, efficient of the Hatel, and the Hatel of the Hatel Soldiers of Hunter Hatel, Lik IV, efficient with the Hatel Soldiers of Hatel Soldiers, and the Hatel Soldiers of Hatel Soldiers of Hatel Soldiers of Hatel Soldiers, and Denni Lusce, Servitin, Hunter and Coron-Works, Indie eres Indiano, when

Kävelins, Horn-and Crown-works, and even juamons, when itemated, or at a Diffunce from the Body of the Place. In Painting, the Figures are faid to be well detached, in Painting, the Figures are faid to be well detached, or lookind, when they liked free, and diffengaged from each other, are no where confounded together, but that do us with a flower Duffunce on the Common and peach other.

other, are no where contounded together, pag stand ous west afting Relieve from the Ground, and each other afting Relieve from the Ground, and each other. Number of Soddlers, raken out of a greater Body, on Furnisher of the complete, and the Undertaking of ione particular to the complete employ d in the Undertaking of ione particular factors, the complete of this page. A stand, to a find a fact of the ground of the complete of

DETENTION, a Possession, or Holding of an Heritage, or the like, from some other Claimant.

The Word is chiefly uted in an ill Sense, for an unjust Holding, Sc. The Canous condemn a Person who has intruded into a Benefice, to make Restitution of all the Fourier. truded into a Benence, to make Keitstution of all the Fruits thereof, during the Time of his anjuly Descution. See Ry-

DETERIOR ATION, an Act whereby a Thing is ren ted worte.

When the Deterioration of a Commodity, feiz'd by an Of-

dred work. Descriptories of Commoding faith by an Of-When the Descriptories of Commoding faith by an Of-When the Descriptories of the State of the Kenger, be in sub-easily faither than the State of the Kenger, Printfiller at Leight, printed a Transit of Hermitannia, in the Var 169; in DETERGENT; in Medicine, is applied to Remedies that coincin, mandrily, and curry of Wide, and guitering The Flant, cell'd Herts-Horm, deterges, and condicidents Woman. Replacements in appriring, and good against the Woman. Even and the State of the State of Commodition of Woman. The Flant, cell'd Herts-Horm, deterges, and condicidents Woman. Even the State of Commodition of the State of Commodition of Woman. The Flant, cell'd Herts-Horm, deterges, and conditions Woman. The Flant, on the Herts-Horn, and the State of the State of Commodition of the Printfiller, and Commodition of the Herts-Horn, and Commodition of the Herts-Horn, and Commodition of the Herts-Horn, and the Printfiller of this Hents-Horn are furpored to the Parkins of the Herts-Horn, and the Printfiller of this Hents-Horn, are fully private or the Herts-Horn, and the Printfiller of this Hents-Horn, are fully private or the Herts-Horn, are fully private or the Herts-Horn, and the Printfiller of this Hents-Horn, are fully private or the Herts-Horn, and the Printfiller of this Hents-Horn, are fully private or the Herts-Horn, and the Herts-Horn, and

whether internal, or external, hether internal, or external.

To do this, in all internal Cafes especially, the Medicir

To do this, in all internal Cefes effectally, the Medicine mugh be furgooded to maintain in primary Properties, until it earrives at the Place of Action, and there it does what entitles it to the Appellation of a Detergent, and a Valuerary, furthey its achieve Quality, which confilts in the compensative Largenels of Surface, and Flexibility of its component Part's For by this it very readily falls into Consist With, and adherest To the Slough of ulcerous Exadations, which by their loofe Situations are easily carried alone with the Medicine and Situations are easily carried along with the Medicine, and when fach Matter is to certical away, which is the cleaning, and atterging Part, what was inframental in this Office, and atterging the control of the control of the control ments, until by their Addition, and the Potration of proper Nondiffuents at interns to the fature Place, the Wate is made up, that it, the Uter is healed.

After the Earne Manner is the Operation of fach Sabitan-

After the fame Manner is the Operation of fach Subflan-ces to be accounted for in external Application. By the Warmth of their Parts they rarify, and by their adhefits Quality, they joyn with, and take off along with them, in every drefines, what is thrown upon the Place to which they are applied, until a more convenient Matter is brought they are Sepaticed, until a more convenient Matter is brought whicher by the circulating luice, which it a fillis in adhering to and incarnating the creded Cavities. Only this may be taken Notes of, that internally, whatforever of this Kind is mixed with the Animal Fluids, by the known Laws of Cerculation, they will be full felpranted, and left behind. For all those Farrs, which are specifically heavieft, will known exacet the Axis or the Canals, locaute their Moments rance nearest the name of the Carnets, occurre their assuments are the greatest, and will carry them as near as can be in fireight Lines; but the lighter Parts will always be jeftled in the Sides, where they founcil meet with Outlets to get quite off, or are thruck into fuch Cavities, we are here speak-ing of, in which they adhere, and make Part of the Subitance.

This is underflood of the milder Degree of Desergentry and it is easy to conceive from hence, how an increase of those Qualities of Activity and Adhesion conjointly, may make a Medicine arise to the greatest Efficacy in this remuse a resourcine artie to the greatest Efficacy in this re-fpech. And it is upon this Foot, that all thole Medicines operate, which are given to cleanfe Obstructions, or Foul-nesses, and which may

adfin in any of the Figure, or Palipsy, and which may be increased in Biracy for far as to fixed of even the Members, and Cuellins' stellars of the far as the Commercy, that the Commercy, that which has been on, or at least but a commercy that which has been on, or at least but a committy, that which has been on, or at least but a committy of the commercy of the commercy of the commercy of the commerce of the c

celes Triangle

ce Problem.

A Determinate Problem may either be Simple, or Liear, Planet, Salid, or Surfalid. See Planet, South, See
DETERMINATION, in Physics, the Diffication or
leadency of a Body towards one Way, rather than another.
Heavy Bodies have a Determination towards their
centra. See Crayrer.

DETERMINATION of Motion. See MOTION.
DETERMINATION, in Philosophy, the Action whereby
a Caufe is limited, or reftrained to act, or not act, this,
or that, and in this, or that Manner.

Hence, we fay, by a Determination, an Agent indifferent to feveral Things, is in some Measure actuated;

restate.

This, fay the School-men, proceeds either from an Efficient Caufe, in which Cafe the Determination is call'd Effective; as when an Artist desermines an Instrument to a cert Action: Or from the Form, as that determines the Indifferency of the Matter; And thus our Senses are faid to be Determinations, to have Ideas upon the Presence of exter-

nal Obiects.

and Objects.

A Determination to be planted with certain Forms, A Determination to be planted with certain Forms of Stripes, and a Determination to be pleased with virtuous Actions, Characters, Manner, Sec. a Marel Songle, and a Determination in from the Matter, or Subject that the planted with virtuous Actions, Characters, Manner, Sec. a Marel Songle, on the Determination in from the Matter, or Subject that you will be supported by the planted of the planted of the Matter, and the Subject to Sec. Oct. 10 is in terminated to planted you will be planted on the planted of the planted of the Islay, it is from the Character of the Planted Objects of Lality, it is from the planted of the Planted Objects of Lality, it is from the planted of the Planted Objects of Lality, it is from the planted of the Planted Objects of Lality, it is from the Determination of Lality and Lality of Lality, it is from the Determination of Lality and Lality of Lality, it is from the Determination of Lality and Lality of Lality, it is from the Lality of Lality and Lality of Lality End , as the End determines the Defire.

Determination is either Moral, or Physical: A Moral Determination is that proceeding from a Caufe, which op-ates Morally, t. e. by Commanding, Perfuscling, or Advi-fing fome Effect. Physical Determination, is an Act where-be Grd exist. fing fome Effect. Phylical Determination, is an Act where-by God excites, and applies a fecond Caule to act ansect-dently to all Operation of the Cecture. Such a Determi-nation, the Thomifts and Dominicans maintain necessary to all, and fingular Action of every Greature. The Jeftsits, to al, and rugual archive of every Ureasset. In expension, on the contrary, deny that God thus determines even fecond Caufes; and hold, that God has no influence on the Fecond Caufes, but only with the fecond Caufe out the Africa. And thus they exclude a Physical Determination both from natural Caufe, as fuppoing them already determined. from natural Calutes, as supposing them arressy secretizes by Nature to all; so that there needs no other external De-rermination from God to the ferveal Actions; and from free Caules, as supposing fach a Predetermination contrary to our Natural Liberty. See Causs, Troomsers, Se. DETERSWE, in Medicine, the Same with Detergent.

See DETERGENT. A Clyfter is a deterfive Medicine, which cleanfes the lower Venter. Deterfive Unquents are usually call'd Mondificatives. See Monnificative.

The Leaves, and Summets of the Straw-berry are deterand affringent.

DETINET, in Law. See DERITO, and DEREY and DETINUE, a Writ that lies against a Man, who having

Goods or Chattels deliver'd to keep, refuses to re-deliver them: answering, in great Measure, to the Actio Depositi of the Civilians.

of the Civilians.

He takes his Allian of Desinue, to recover the Thing de-tain'd, not the Damages furlain'd by the Desinue,
DETONATION, or Fulminaston, in Chymfitry, the Noffe which Minerals make when they begin to heat in Crucibles; by the volatile Parts rathing out with Impetuo-

Crucibles; by the volatile Farts raftung out with Imperso-fity, and the Humidity eclaping.

Detonation is much the same with Decreptization, only its Action more forcible, and the Noisie greater. Thus, Au-rum fulminant heartd, Eq. goes off with a violent Crack, z. e. makes a great Desenation Detonation takes away the impure, volatile Sulphur from

Bodies

The Word is form'd of de, and tone, I thunder. In the Chymical Senfe, Detanation is the Act, or Open

In the Chymical Scafe, Detenation is the Act, or Operation of expelling the impure, volutie, and faithborroon Perrs from of expelling the impure, volutie, and faithborroon Perrs for the Committee of the Committ

They by Jennes, deep pages, and Americans, and Periodica in the Education, and configuration of the Education, and conting from the Angles, and a third from forms of the other Para abovementational, and they are the American in the American Scientific Recovery, by Configuration Scientific Recovery, by Configuration Scientific Periodics of the Confident that have Specialities to the Periodic of the Confident that have Specialities to the Periodic of the Configuration and the American Scientific Periodics of the Configuration of the American Scientific Periodics of the Configuration of the Configuration of the Configuration of the Scientific Periodics of the Configuration of the Scientific Periodics of the Configuration of the Configura

DEVIATION, in the old Aftronomy, a Motion of the Deferent, or Excentric, whereby it advances to, or recedes from the Ecliptic. See Dependent.

The greatest Deviation of Mercury is 16 Minutes: that

of Venus only cen. See EXCENTRICITY.

DEVIL, Disholus, an evil Angel; and one of those ce-leftial Spirits cast down from Heaven, for pretending to equal imfelf with God. See Demon,
We find no mention of the Devil in the Old Teltament.

but only Satan. See SATAN Nor do we meet with the Word Devil in any Heather Authors, in the Signification attach'd to it among Christians, that is, as a Creature revolted from God; their Theology went no further than to evil Gessii, or Demons who harstfed, and perfecuted Mankind. Thus, the Chaldean lieved both a good Principle, and an evil Principle, which was an Enemy of Mankind.

The Relations we have of the Religion of the Americans, The Relations we have of the Religion of the Assertions, afface as of Some idolatrons Nations, who worlding the Qui-vil: But the Term Devil must not here be taken in the Scripture Scrief: Thole People have an idea of the total radial-pendent Beings, one whereof is good, and the other cell. And they place the Earth under the Guidskee, and Direction of the evil Being; which our Authors, with fome Impropriety, call the Devil.

The Word is form'd from the Latin Diabolus, which

comes from the Greek AsiCones, Accuser, or Calumniate,

come from the Greek Aufons, Antalys, or Laismanian.

The Relingings may the Browl white, to be reen with the Problems, who seperiment the Browl white, to be reen with the Browners, who reperlies in history. Browners, Browners,

There were also Devises by Rebus's, Equivocals, or Al-fions, both to Names, and Arms. The Dukes of Gusje There were also Devifes by Rebus's, Equivocals, or Al-lations, both to Names, and Arms. The Dukes of Guife took for their Devufe an A in an O, to fignife each in his Term. And the Houle of Senecal, In Verrune & House Senefest. Some that had Towers in their Arms, Tarris mea Deus, &cc. See REEDS.

There are also Enigmatical Devises: As that of the Golden Flesce, with Autre n'earsi; Intimating that Philip the Good, who infituted that Order, remounced every other Woman, but Ifabella of Portugal, whom he then married.

Sec ENIOMA

Sec ENIGMA. 20 volgi femerimes contain entire Proverbs; As that of 20 volgi femerimes contain entire Proverbs.

The Word 20 volgi is sterned from the Latin developer, and The Word 20 volgi is sterned from the Latin developer, and was applied to the Things just mentioned, as well as those was payled to the Things just mentioned, as well as those was payled to the Things just mentioned, as well as those was payled to the Things just mention to divide, to pursue, and different Manney, and distinct of 2De-crifer as those are different Manney, and distinct of 2De-rifer as those are different Manney, and distinct of 2Devifes, as there are different Manners of distinguishing one another, or as there are fimple Figures, or Words, capable of exprefling Qualities, Offices, Virtues, Actions, &c. of Perfons, and of norifying, or diffinguishing them from others. DEVISE, is now taken in a more reitrain'd Sente, for an Emblem ; or a Representation of some natural Body, with Emblem 3 or a Representation of tome natural Body, with a Motte, or Sentence applied in a figurative Scule to the Advantage of fome Person. See Barken. In this Sende, the Figure, or Image, is call'd the Body, and the Motto the Send of the Devije.

A Devife is a Sort of Metaphor, representing one Object w another wherewith it has fome Relemblance. So that

a Devife is only ttue, when it contains a Metaphorical Simi-litude, and may it felf be reduced into a Comparison. Lastly, it is a Mctaphor painted, and visible, and that strikes the Eye. All these Circumstances are required to a Devise; and without them, a Figure only makes a Hieroglyphic, and the Word, only a Diction, or Sentence. See Allusion, METAPHOR, HIEROGETPHIC, SIMILE, U.C.

sten, Mayararno, Hissochtrute, Sauts, S., F. P. Senderry grea clean and execute Explication of the Wood Zirogi, in an Exercil infected in the Yamani de Medical Zirogi, in an Exercil infected in the Yamani de Medical Zirogi, in an Exercil infected in the Yamani de Medical Zirogi, and a five Woods adapted to the Tiguers, and call'd decrease our Though, or intention by Comparting in the Efficience of the Dirigi confide in a Compariting in the Efficience of the Diriging confider in a Compariting in the Efficience of the Diriging confider in a Compariting in the Efficience of the Diriging confider in a Compariting in the Efficience of the Diriging confider in a Compariting in the Efficience of the Diriging Confider in the Efficience of the Diriging in the Efficience of the Diriging in the Ada, which is Enfolder Monta, Pero deep propriet of high a whole force we had been the religion Diricing Diricing in the Comparities of the Compariti

the Rocket rifes a great Pitch, the it only endures a few while; fo it does not concern me to live long, provided I attain to Glery, and Eminence: which is a just Compa-rien. See Companions.

want in Giew, and Immerce: which is a just Compa-tion. See Cours and Post Compation. See Cours and Compa-tion. See Cours and Cours and

wonderful Fancy for them.

whether Heary for them.

The Intiline two reduced the Making of Deriffs into no first, and laid down the Laws, and Ruke thereed. Some of the principal ray. In that there he nothing monthrus, or extravagant in the Figures, poshing contrary to the Nature of Things, or to the common Opinion of Manish, a. That Figures he not jown'd which have no Affaint, or Reduint to each other; the Merapher being who founded on femching real, and not refine and the property of the Principal Research Cuffern, and the Authority of the Poets have made pass for Natural. 2. That the human Body be never taken into De-vifet: as this would be to compare a Man with himself. Names a 1 and the damma compose sever such miss of the Carlot three he as Serve of Unity in the Figures that make the Bodys : We door mean, that there must only be a final pile figure be that that, if there he ferrest, they have a six of the control of the cont for being to make a Compound with the Figure, it must only be a Part, and confequently must not figurity the whole. If the Words alone have a complext Signification, you have a the words and difficient Notion independently of the Figure, whereas the Signification should refair from both. 8. The shorter the Motto, the more beautiful : and a Sufpension of enfe, which leaves fomewhat to guess, is one of the printhe Nemfe, which leaves fomewhat to guefs, is one of the prin-rigal Graces of the Desyle. Leftly, it is accounted a far-pinels, where the Words of a Poer are applied in a Sente which he never dream'd of, and yet fo pertinently, that it flouid feem they had been intended for the fame.

flouid feem they had been intended for the fame.

DEVISE, or DIVISE, in common Law, the Act whereby a Teltator gives, or bequeaths his Lands, or Goods, by
his laft Will in Writing: He who makes the Devije being
call'd the Devijer, and he, to whom it is made, the Devijee.

The Words of a Wilk, the Law interprets in a larger, and

more favourable Senfe, than those of a Deed: For if Land be devised to a Man to have to him for ever, or to have to im, and his Affigns; In those Cases the Devisee shall have a Fee fimple. Yet if given in the fame Manner by Feoffment, he has but an Estate for Life. So, if one devise Land to an Infant in his Mother's Belly; it is a good and valid De-vise; tho''tis otherwise by Feoftment, Grant, or Gift: for wife; the 'tis otherwite by Feodiment, Grant, or Gift: bor in those Cafes there ought to be one of Ability, to receive preferrity, otherwise it is void. See Will, and Drin. DEUNX, a Division of the Roman Libra, or Found; containing it Cunces; or cleven Twesfits of any Thing.

and LIBRA.

DEVOLVED, fomething acquired by Right of Devo-Sec DEVOLUTION

Mittin. See Davolution.

Such a Right is devolved to the Crown. Such a Succifficatevolved to N... by the Dutath of N...

The Word is also used for a Right acquired by a Superior of contering a Benefice, when the Interior, and Ordinary Collater, has neglected to confer, or has conferr'd it on an un-qualified Person. If a Patron neglects to prefent to a Bene-tice in fix Mooths, the Prefentation devolves upon the

from thence to the Primar DEVOLUTION, a Right acquired by Succession, from

one Degree to another.

Devolution in general, is an Impediment provided by
the Cuftoms of feveral Nations, whereby the Husband who

farvives his Wife, or the Wife furviving her Hushand, is pro-hibited to alienate the real, and immoveable Effects of the deceafed, and obliged to preferve them for the Children deceased, and congest to preserve them for the Children isflued from that Marriage. So that they faceed thereto in Exclusion of those born of a fecond Matriage.

Excluding of those born of a second Marriage.

DEVOTION, a fineere, ardent Worship of God.

Monfr. Jurien defines Devotion a Softening, and Yielding of Heart, with an inward Confolation, which the Soul of

ing of Heart, with an inward Confolation, which the Soul of the Faithful feels in the Exercises of Piety. Under the Name of Devotions, are usually understood cer-tain Religious Practices, which a Person makes it a Law with him to discharge regularly; and with Reaston; this Exacti-rade be isuaded on folid Piety; otherwise 'its Vanity, or Samostinian

Supertition.

Among the Renners, Denotine was a Sort of Sactifice, or Currensy, whereby they conficurated themselves to the Comment, whereby they conficurated themselves to the Little of one might be redeemed by the Death of another And hence were those Denotions to frequent for the Liver And the Comment of the Comment

tors.

But Deverier to any particular Perfon was not known till
Angapitat. The Day after the Title Angapitat had been
given Offizenia; Penennia, Titlenae of the Penelp, began
given Offizenia; Penennia, Titlenae of the Penelp, began
was pradified among the burbarous Nations, to obey him
was pradified among the burbarous Nations, to obey him
even at the Express of Julie, if he were commanded. His
Example was immediately followed by all the reft; and it
cann at length no be ribbliffed into a Cuffenn, never to
go and the contract of the con came at length to be effablished into a Carltom, never to go talute the Emperora, without declaring they were devoted to him. Angainst, the feeming to oppole this vile and infinitumes Flattery, yet rewarded the Author.

DEVOURING, in Heraldry. When Fifthes are berrin an Efcancheon in a feeding Politier, the Heralds decommitate it by decouring; by reason Fifthes fwallow all their Food whole. See Fasters.

whole. See Fissurs.

DEUTERONONICAL, in the School-Theology, a
Term applied to certain Books of Holy Scripture, which
were added to the Canon after the reft; either by reado
they were not wrote till after the Compilation of the Canon, or by reafon of fome Difpute as to their Canonicity.

Casons. The Jews, 'its certain, acknowledge feveral Books in their Casons which were pre-like them that the dot eith. The Jews which were pre-like them that the dot eith. The Jews which they call by Way of Emissence, the Grast Sprage, made the Collection of the Sacred Books, which we now the Collection of the Sacred Books, which we now the Jews which we have the Collection of the Sacred Books, which we now the Jews which we have the Collection of the Sacred Books, which we now the Jews which are the Grast Grant Books and Jews which we have the Jews which are their of Sacred Books, which we have the Jews which we have the Jews which will be a supported by the Jews which we have the

And the Church has fince added others to the Canon. that were not, nor could not be in the Canon of the Jews, by reason some of them were not composed till after. Such is the Book of Ecoloficities; with feveral of the Aporty-phal Books, admitted by the Romanifis, as the Macchalves, Wifdom, &c. Others were added fill later, by reason their We done, occ. Others were added this later, by reason their Canonicity had not been yet examin'd: And rill fuch Exa-men, and Judgment they might befer a-fide at Pleafur.

men, and judgment ency might never a-nec at research.

But face the has pronounced as to the Canonicity of theso
Books, there is no more room new to doubt of them, than
there was for the Jews to doubt of those of the Canon of E/-Ars. And the Deuteronomical Books are as Canonical, as the Proto-canonical. The only Difference between them confifting in this, that the Canonicity of the one was not ge-nerally known, examin'd, and fettled to foon as that of tho

The Deuteronouical Books in our Canon, are the Book The Descriptomized Books in our Canon, are the Book of Ebber, either the whole, or at self-in the fewer hit Chapter on the whole, or a self-in the fewer hit Chapter on the Books of the Bo

cond, and xerorate, Canonical.

DEUTERONOMY, one of the Sacred Books of the Old
Teffament, being the last of those wrote by Mojes. See

PENTATEUCH.

EMPLATEUR.

It does not appear, that Myfer made any Divition of what he wrote into Books; or that he gave different Names and Thies to the different Parts of his Work; nor do the Jewa, even at this Day, diltinguish them in the Copies they cik in the Synagogua; but write them all runing as one fingle Work, writnet any other Diffinction here.

fide that of little and great Partiches. The true, in the other Copies, nich by private Perfens, they are divided into five Parts, assuming us, But they give them no other Name, but the fiftl Word wherewith each Division begins: much as we do not provide the provided of as we do in quoting a Decree, or Chapter of the Canon

which is one of the first Words threes. Thus Customs is recyanized smooth for Robbins, as appears from the in-terpretable of the Robbins, as appears from the in-terpretable of the Robbins, and the Robbins of the Robbins, and the Robbins, and the Robbins, and the Robbins, and I was the Greeks, when they first translated the Law, het gave the fire Parts, into which it was divided, the Names of Georgie, Evalua, Levitien, Nambers, and Den-ermoney. Accordingly the Names are Greek; a congring greenously. Accordingly the Names are Greek; a congring teremony. Accordingly the Names are Greek; excepting that of Leviticas, which is Hebrew. And they express what is centain'd in those Books, or at least the most remarkable. Things contain'd therein; which is the Greek Manner of

giving Titles.
The Book of Denteronomy was fo call'd, because this last Part of the Work of Myes comprehends the Repetition, or Recapitulation, which that Legalator made to the Hyselires before his Dearh, of the Law he had before deliver'd them at length. And hence Deuteronomy is ftill call'd by the as negats. And nece Deutermoney is fill call'd by the Robbert Pupe Mischaek, Repetition, "This Julia Re-patition of the Low, Gooth Low. They likewife call it "THIST" July to the Books of Reprintance, on Account of the XXVIIIth Chapter, which is full of Bleffings promifed to fash as keep the Low; and of Carties threaten d fash as transferring the state of the Low.

trail great it.

Dieteroramy was wrote the fortisch Year after the
Delivery from Fejyrt, in the Conarry of the Modifiet
beyond finders. Julie being them in the 12th Year
beyond finders. Julie being them in the 12th Year
copy Ten in the Edition of the Robbins at Fortisc 1 XX
Chapters, and 59 yearles. In the Great and Lattu Year
from it contains XXXIV Chapters. The little is not of Hofire. Some by it was adoled by Fights immediately after
Modr's Deaths, which is the most probable Opinion. Others
The Word in Great, composabled of Agricus. Somes das in

The Word is Greek, compounded of Priropse, Second, and

stun, Law DEW, Ros, a thin, light, infentible Mift, or Rain, fall-ing while the Sun is below the Horizon.

In white the Sun's below the JOHNSON to Number of Meteors of the watery Kind. Some define it a Vapour Huffel, and let fall in Drops. Others a Vapour having a like Relation to Froit, as Rain has to Snow, 2°C. Among the Differentions of Monifs, Hats is a Letter, to finew that

Deer does not fall, but rife:

Zered cose not tail, but relies.

To us, Zere appears only to differ from Rain as mere, and left. If Orbita, and Matter, no doubt, is mere, and left. If Orbita, and Matter, no doubt, is from the Vapour, and Eshabattes of the Earth and Water, rair'd, as likens under the Article Vapour, The thin Pifestile, whereof Vapours conflit, being once details from their Bodies, we all knows, keep riling in the Aumofahrer, till they arrive a froch a Stage of the Air, as Amolphere, tilt diey arrive at teeh a Stage of the Air, as is of the Liame Special Gravity with themselvers. Then their Rife is flopped. Now, as 'its the Warmsh, or Fire, this dilating the Parts of Water, forms the Policelar Speciality lighter than Air, and capable of ascending therein a So when that Heat dediene, or is lotd, as by the Approach, or Contiguity of any colder Body, the Policular conducte, bo-come heavier, and deferred. In the Day-time, therefore, Configury of any colder Body, the Patents consumer, so-ceme heavier, and defected. In the Day-time, therefore, the bon warming the Annothères by a continual Indiac of the Configuration of the Configuration of the Configura-tion of the Configuration of the Configuration of the Time as they are got far out of the Reach of the refleched Warmth of the Earls, in the middle Region of the Anno-Patence. Here conducting, they form Classif, from which the Configuration of the Configuration of the Configuration of the Day when the four is below the Hotton, the Cafe is foun-

But when the Sun is below the Horizon, the Cafe is fonce-what different: I re the Atmosphore then cooling, the Vepoust ratif by the Warmth of the Earth, and of the Sun, bodd the threat the precedible Day, begin so cold the Sun, bodd the threat the precedible Day, begin so colding the Sun State of the Sun State But when the Sun is below the Horizon, the Cafe is for ot Rain.

of Roin.

From thefe Principles the other Phenomena of Dews are easily accounted for. Hence, e.gr. it is, that Dews are more explose in the Spring, than in the other Sections a there being then a greater Stock of Vapour in Readinets,

through the finall Expense thereof in the Winter's Gold and Freel, than at other Times. Hence, what Thirty relates of Typeyft, that is about in Deres throughout all the Han-gygyft, the through the Deres throughout all the Han-gygyft, the through the Hange through the Com-tage of the Hange through the Hange through the Hange the Vapour in the Day-time, they never gather in configura-tion of the Hange through the market by each of the Hange through the Hange through the market Goldsen's in rather the Effect, than the Caule of the Quantity of Dev., Fer a deal of Yupour being night day the great Henry of the Earth, and the Stock of Fire fiver to Multiple main trevels will the Age. Moifture must preatly chill the Air.

Mey-Daw whitens Linen, and Wax; The Dew of Au-tumn is converted into a white Froit. Out of Devo putri-fied by the Sun, arife divers Infects, which change a pace out of one Species into another: what remains is converted into a fine, white Salt, with Angles like those of Salt-peter, after a Number of Evaporations, Calemations, and Fixa-

tions.

In Spirit drawn from May Dere, which has some deed Verme nimeded in . The Method of globering of the Verme nimeded in . The Method of globering of the Verme nimed in the Verme of fame Sentiment, It might likewife be gather'd with a Glafs fame Sentiment. It might nativity to grand a with a family frample of the Air, having a crooked Nock to bring the Dew into a Vial in a Chamber. See Philof. Translate. 1665. May. Heffmann, and others. "Tis apparently from 1665. May. Hoffmann, and others. 'Tis apparently from the Preparation of this Dow, that the Brothers of the Roy-Cross took their Denomination. See Rosy GR DCIANS.

Orgi took their Denomination. See RONG NEALASS, in the Philippidy Trapfell, we have an Ascount of a very in the Philippidy Trapfell, we have an Ascount of a very see 1655, flay the Billiop of Clywe, there fell in many Parts of the Powtines of Admigra, and Leimberg, a Kind of thick Dens, which the Country People call Billion and the Country People call Billion See 165, which the Country People call Billion Billion and Country and Count Thanh of Gabbins. Twis follow oblived in the fune Funce revice. It commonly lay on the Earth a formight before the Earth and Earth Annie Earth and Earth

DEXTER-Befe is the right Side of the Bafe. See Bass. DEXTER-Chief, the Angle on the right Hand of the

See CHIEF.

The Word is pure Latin, fignifying Right-hand; whence the Word Descrity for Address, and Ability in the per-forming of any Thing.

DEXTROCHERE, or DESTROCHERE, in Heral-dry, is applied to the right Arm, which is painted in a Shield, formetimes naked, formetimes cleath'd, or adorn'd with a Beacelet, and formetimes arta'd, or holding forme Movezshie, or Member ufed in the Arms.

Moreable, or Member uted in the Arms.
The Destrocker is found in the Arms.
The Destrocker is found from the Latin Destrockerism, which fightless a Bracelet wore on the right Wrift, mon-tioned in the Acts of the Martyrdom of St. Agues, and the

unrel in the Adis of the Marcyton one spall Write, under Life of the Impered Assignitie. DIA, the Segiming of divers Terms in Medicine, Cali-man and California of the California of the California of the Where the Lawer Letters begin the Name of a Re-mody, Unique, Pitales, Carapalin, Gr., they spally among the California of the Disk is Blevetic the Engineery of the Name of a Re-port to the California of the parable Particle, or Perposition, is becovered from the Grove A₂ to come as which begins the lame World to the

Greek.

Greek.

Indeed we have Words wherein Die is no Preposition borrowed from a foreign Language, the 'ris possible, the Words
themselves may; as in Dimmant, Died, Diene, &c.
DIA BETTE, in Medicine, a halty, and protite Evacuation of the Drink by the Urinary Pallages; accompanied

_th an airdent Thirth, and a Learne's of the whole Body with an artist See Unink. The Drink thus difcharged, is ufually a little alter'd from what it was when taken down, and turn'd chilous, and what it was when taken down, and turn'd chilous, and

what it was well taken down, and turned chiloss, and milky but fomentimes not at all. See DAINK.

The Diabetes feems owing to a too great Laxity of the Fibres of the Arctice of the Kidneys; or too great Quantity of the Offenty-Solis in the Blood, which diffulve the Mafs of Blood.

of that PSalts in the Blood, which diffulve the Mafs of Blood, or diffunite the Parts thereof; So that the Serofity is eafily er churche the Parts the

feparated from the same.

According to Dr. Quincy, the Evident, and most common Caufe of the Unaverse is the too great Ufe of fpiritucus Liquors, wherewith the Serram becomes fo impregnated, that it will not attract, and joyn with the Crown; or Glo-bules of the Blood, but runs off through the Kidneys fweet,

bales of the Bloom, not have a through the Person in fipld.

There is another Kind of Diabetes; wherein the Person 4ffected renders a great deal more by Urine, than he drinks, constitutes more than he both cass and drinks. Some nsy, tuntetimes more than ne norn cats and drinks. Some Dayficians attribute this excellive Quantity of Lieuor to the Playficians attribute this executive Quantity of Liquor to the Air he refpires, which, they lapped, becomes converted in-ter Water; Or, at least, the Water in the Air refpired is here absorbed, and collected. But others, with more Probabi-lity, attribute it to a Colliquation of the Blood, fat, and even the folial Parts of the Body.

The Word Diebetes is derived from the Greek Bracaises.

The West Disloters is derived from the Greek Intellus, a 1949 quick.

DIABLE, in Hydreulicks, is applied to a Syphon, the mod 1209, of Hunches whereof are neckled in one number; As in the Gloid deficited by 1950 quick as the mod 1209, of the third the Hydre of the upper Bunch of the Syphon.

MAROTANUM, in Pharmacy, and Chinegery, a Bulke, where with Wess, Ext. are indicated and deficial of The Dislotentum is foresting for the Hydrates.

MARONES, Madeline, a Solvenian of the Contention of the C

of a Part, caused by sharp, corrosive Humors gnawing, and youring the fame

The Word is Greek, compounded of Jul. per, through

The Word is Greek, compounded to star per success, and gadrates, 10 est.

DIACALOTIEOS, in Chirurgery, and Pharmacy, a Plant applied after the Amputation of a Carcer.

The Duplefer on Directatives is composed of Oil, Assayis, and Chalcitis; from the latt of which Drugs is derives its Name.

DIACARYON, or Diameum, in Pharmacy. See Dia-

Galen is faid to have prepar'd his Discoryon with the Julee of Walnuts, mix'd with as much Honey as sufficed to render it an agreeable Composition.

The Word is form'd from xanda, Wal-uus.

The Word is torm of from sayie, Wat-mit.

DIACAR/TAMI, in Pharmacy, in Electroary composed of Turbit, Manna, Scammony, Hermoda Cryla, rad other Purgairres; with the Addition of the Medulla, or Seed of the Certhamus, which gives it the Denomination. See Car-TRAMI.

Discortami chiefly purges pituits. It is preferibed in Difeafes of the Brain; and is frequently mix'd in Medicines

Bleedie of the Bestin, and is requestly mix if in Medicines along with other Proparties.

DIACA USTIC Curves, or the Conflict by Refricillum, in Species of Conflict Curves, or the Conflict by Refricillum, fine Number of Ruys; or Brig. Bill, the Species of Conflict Curves, or the Fine Number of Ruys; or Brig. Bill, the Species of Conflict Richard Iom, or to the Perspedicines Medic, in the Carre ADD; and fig. as that CE the Since of the Angles of Ref-cine CCME to always to CC, the Since of the refriciled Angles CMG, in a given Rurier. Thus the Species of the conflict Conflict Richard Conflict Conflit Sec Caustic

BIACHYLON, in Pharmacy, a Name given to divers lafters, on Account of the Mucilages mix'd therein, which

Platiers, on Account of the Mucilages mix a thereus, war-are vifeld Juices, call'd by the Greeks yakes; drawn from certain Plants. See Mucilane.

certing Plants. So Meciano.

Hibit, or Single Datavirus, is compounded of common Oil, Librarge effold, and Medlings, draws from the Root of the Offices, and the Seched of Ling, and Feedgade. He proper to feters, and the Seched of Ling, and Feedgade. He proper to feters, dealer than the Common cubic Biography, with a Found of which, an Ottomon cubics Biography, with a Found of which, an Ottomon cubics Biography, with a Found of which, an Ottomon cubics Biography, with a Found of which, an Ottomon College of Fritz in mixed. This Patter digeth, incodes, and rigness with more Force than the Empire Datachyston.

There is also the Great Diaceturus, Diachyston suggested to the Common Co

some, composed of Letherge of Gold, Olik of Fris, Cambulk, and Anchi, Turpentine, Refin of the Pine, Yulke, and Anchi, Turpentine, Refin of the Pine, Yulke and Mexisges, of Line, and Fenipeck, with new Figs. Reline of Dismography, Reline of Rel

The Disciplon Grammatum, is the great Disciplon, with the Addition of Gum Ammoniae, Galbonum, and Segsteams, difficiled with Wine, and boild to a Confidence of Honey. This Platter is the melt powerful of all for di-Honey. This Paster is the most powerful of all for di-fling, ripening, and refolving.

DIACOBIUM, in Principles, and Compound.

There are two Kinds: Simple, and Compound.

Simple DiACOBIUM, is a Kind of Opiate, made of the
Juice expected from the Heads of Poppies, both white, and

Juice expected from the Heads of Poppies, both white, and

piter caymidd firms the Hends of Physpia, both white, and shales; a sim due; with the 50% of Sign. 11 is preciseled to feften flarep, ferom Henomen, to appeal Couph, and supervale Sleep. The Physpianis was of prox U10 sensor, and the strength of the strength of the strength of the that the Symp of white Papipis, which is what we now call Zinesteinen, produce the flame Eight of the strength of the Additional Discourse is made of the Eight, which is Striken, and Balancian. It is good to Hope, and offined careful, Henorefields, and Flaues of the Eight.

Jun. Politics Head

DIACONESSE, and DEACONATE, See DEACON, DEACONBY.

DIACONI, in Antiquity, was the Name of a Faction at

That City, we read, was divided into two Parties: The me Favourers of an Oligarchy, who would only have a few landing annaloged in the Government. The other conflited Perfors employ'd in the Government. of fach as were for a Democratical, or Popular Government,
wherein the whole People should have a Share. The first
were call'd Dissonie, and the latter Pediatie, the latter in-Part of the Circ.

Part of the Gity.

The Laws of Solon imported, that Piffifratus fhould be,
Chief of the Discouni. The 'the Scholiaft on Ariflophanet's
Comody, the Weft, affirms, that Pandion distributed the
Quarter of the Discouni among his Sons, and put Lyens at

their Head.

DIACONICON, Sacrifty, a Place about the ancient
Caurches, where the facred Veitments, with the Veffels;
and other Ornaments of the Altar were prefere'd.

The first Council of Loadines, in the a sift Canon, forbids the

Priefls living in the Disconicon, is The Prazorzo, or touch-ing the holy Utenfils. An ancient Letter Verfion of these Caing the new Cocums. An aucoent Letter version of those Ca-nons renders it, In Secretario: But the Copy at Rome, as well as Discretize Express. retain the World Vincomeon in Loas Disaspine Largens, retain the Word Districtances in La-tic. Tist tray, Comerce and Bellemon underflund that Ex-perition in the 11ft Comes of the Order of a Descon, and not the Comerce of the Comerce of the Control of the Control in the Control of the Control of the Control of the interpreters are agreed us to its being a Sterilly. Befild the Commences of the Priciel-Bood, and the Altra, there were larvest here deposited the Reichts of the Control. The Word in Order, and found from Pensions, I force,

by reason here were kept every Thing belonging to Divino Service. It was also call'd'Assacious, and in Latin Selutatorium: because it was here the Bishop received, and faluted Strangers. Sometimes, too, it was call'd Maranda per, or Merarágue, Menfa, by reason of the Tables there-in, for disposing the facred Ornaments on ; or rather from

DIACOOSTICKS, or DIAPHONICKS, is the Confidetation of the Properties of Sound refracted in paffing through different Mediums; that is, out of a denfer into a more fubrile, or out of a more fubrile into a denfer Medium: See Sown, and Refraction. See also Aconsticas.

The Word is form'd from the Greek Aid, per, through; which intimates a Passage; and Jrie, Ibear, q.d. the Confideration of the Passages of the Sounds we hear,

DIACYDONITES, in Pharmacy, is applied to Things, and Remodies, wherein Quinces are an Ingredient: Thus the Confection Diacydonres is a Confection of Quinces, or wherein Quinces have a Share

rherein Quinces have a Share.

The Word comes from Fid, and RoFdyrer, Quince.

DIADEM, in Antiquity, a Royal Head-band, or Fillet,
sore by Kings as a Badge of their Royalty while the Crown

was left to the Gods, See CROWN,

was sert to the Gook. See Cnown.

The Disdorm was a Sour of Ribbon, or Band wore of Silk,
Thread, or Wool, more or left broad. It was tied round
the Temples, and Fore-head; the two Ends being knotted
behind, and let fall on the Necl. It was ufuelly white, and quite plain, the fornetimes ein-broider'd with Gold, and fet with Pearls, and precious

Stones. In latter Times it likewife came to be twifted round Somes. In factor Times it likewise came to or winter round. Crowns, Laurelb, Se. and appears to have been wore in divers Parts of the Body: That Phatomist obliverse, that Phanoper was dispected of afpring to the Royalty, because of his wearing a white Garror, which was no other than a Ligar Company of the Company of th Jiguture for an Ulser he had on his Leg, but which the People conflicted a Diadem; ... the Bacebus was the first Hirey Lib. VII. C. 5, observes, that Bacebus was the first Incentor of the Diadem: Albaneaus affuces us, that it was the Topers, and good Fellows, who first made Use of it, to preferve themselves from the Funes of Wine, by typing it right round their Heads; and that it assured came to

be a Royal Omament.

The Diadem remain'd a long Time the peculiar Badge of ings; Ar longth it was affurmed by the Roman Emperors, Kings; At length it was as the Mark of Empire.

Nangy: A longen is was assument on you for Roman a surjector, as see the Mark of Brusche bloom the Time when the Roman and the Mark of Brusche Some when it to Gastan Emperor field affirmed the Distaton. Some when it to Gastan Emperor field affirmed the Distaton. Some when it to Gastan the Control of the C nave taken it! His succeitors initiated him therein; And yet the Omanent did not become common till the Time of Confluctive. After him the Emprelles were allowed to wear it is accordingly we find them repreferent deterwish to Medals: Tho till then, we have no Inflance either of Crown, or Distators on Women's Medal in the P. or Diadem on a Woman's Head, in all the Roman Empire.

An Author of the Vth Century quoted by Bollon An Author of the Vth Century quotee by Passacount, precends, that Configurates first were the Diadems, and that he only took it to bind his Hair, and keep it in Order. But his is not very probable; and 'tis certain, that at least finme Emperors had were it before him, as America, and Comitons. Publishing artiflatons is to Configurate Orders and Colleges. Carinus. Enfebius attributes it to Configurius Chlorus, when only Cafar; which is confirm'd by one of his Medals, when only $C_{\theta}^{eff}r_{i}$ which is confirm'd by one of his Mechia, wherein he is represented with a Z_{θ}^{eff} interest and the white Region is the wind former of the $Z_{\theta}^{eff}r_{i}$ in the wind former of the $Z_{\theta}^{eff}r_{i}$ is was not always given to the $C_{\theta}^{eff}r_{i}$. Indeed, we fee it in forme of the Mechia of $Z_{\theta}^{eff}r_{i}$ is white only $C_{\theta}^{eff}r_{i}$ is the similar of the $Z_{\theta}^{eff}r_{i}$ in the similar of the $Z_{\theta}^{eff}r_{i}$ is the similar of the $Z_{\theta}^{eff}r_{i}$ in the $Z_{\theta}^{eff}r_{i}$ is the $Z_{\theta}^{eff}r_{i}$ in the $Z_{\theta}^{eff}r_{i}$ in the $Z_{\theta}^{eff}r_{i}$ is the $Z_{\theta}^{eff}r_{i}$ in the $Z_{\theta}^{eff}r_{i}$ is the $Z_{\theta}^{eff}r_{i}$ in the $Z_{\theta}^{eff}r_{i}$ is $Z_{\theta}^{eff}r_{i}$ in the $Z_{\theta}^{eff}r_{i}$ is $Z_{\theta}^{eff}r_{i}$ in $Z_$

ofe of his Successors. The Word comes from the Latin Diadema, of the Greek Iraduua, a little Band encompaffing the Head, of the Verb

Stadio, Alligo, 1 tyc. DIAMEM, in Heraldry, is applied to certain Circles, or Rims, ferving to bind, or inclose the Crowns of Soversign Princes; and to bear the Globe, and Crofs, or the Flower de Lis for their Crest.

The Crowns of Soveraigns differ in this, that fome are and with a greater, and fume with a lefs Number of

Diadems.

Prelates likewife appear to have anciently wore a Sort of Diadem: Thus Baronius writes, that St. James the Apostle wore a gold Plate on his Fore-head, as a Mark of his Epifcopal Dignity

hā Epifopal Digirity.
In Elstening, the calculating above for Herds of Afters, In Elstening, the calculating the Indiana.

DIAGLYPHICE, the Art of Engarving, Cutting, or otherwise working hallow, or conceve Figures, in Merzials, Such as Scale Imaglish, the Mantices, or Coins fee Mantices, and the Company of the Control of DIAGNOSTIC, in Medicine, or different parts of all Diagnostics, the Nature, and Casife. See Sizes, can of the Control of Diagnostics of the Control of the Control

and INDICATION.

the first with regard to the present State of the Disease, and the Patient; and the fecond to the future. See Pac-The Phylicians have Diagnoftic, and Progn

The Word is compounded of the Greek &rd, fer, through,

The Word is compounded of the Greek knd, fer, through, or by; and juporas, Iknow.

DIAGONAL, in Geometry, a right Line drawn a-croft a Figure of feveral Sides, from the Vertex of one Angle to that of another: Such is the Line PN (Tab. Geometr. Fig. 44.) drawn from the Angle P, to N. See FIGURE. Some Authors call it Dismeter, and others Dismetral Some Authors call it Dismeter, and others Dismetral

Some futthers can it Diameter, and others themselves of the Figure. See Diamstras.
It is demonstrated, i. That every Diagonal divides a Parallelogram into two equal Parts. 2. Two Diagonals drawn in any Parallelogram, bifoot each other. 3. The Diagonals of a Square is incommensurable with one of its Science. See Parallelogram, Square, &c.

Add 4. A very noble Theorem, in Elementary Geometry, first demonstrated by Mr. Lagrey, in the Memoires do l'Addennie Royale des Sciences, An. 1706. That the Sum of the 1706. That the Sam of the Squares of the two Diogonals of every Parallelegram, is

Symers of the res Dissymits of every Farallange of the special to the Sam of the Sources of the form Select.

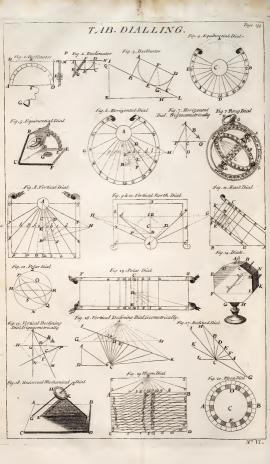
The resident, at fairt Solich, that the famel apin Proposition of the Sam of the Solich is the Farallange of the Faral extensive Use.

as is the most usual cute; the Proposition becomes of more The Demonstration in oblique-angled Parallelagums is thus a Suppose the oblique-angled Parallelagums is thus a Suppose the oblique-angled Parallelagums and China C

Squires of the rew Diagonals is equal to the Sam of the Squares of the four Sides QLDL. Largon, Lawring on Side, and a Diagonal's the other Diagonal will likewish be known in the theory the proposal will likewish be known in the theory the proposal proposal proposal theory than the proposal proposal from Quadrupic the of the Diagonal regions, and the Diagonal from the Outputs of the Diagonal regions, if he is not shopping and place in the Proposition is likewish of great UK in the Theory of compound Microsin. For in an oblique-engined Parallice The Proposition is likewish of great UK in the Theory of compound Microsin. For in an oblique-engined Parallice turks, and the leffer, of an active hope, which is the Com-plement of the former; the regions will be the greater, and the left, the left, as the obsaic Angle is the greater: So faintly pears with region to the same continuous promet in meesman angue de centre et as grow all it pe in-manent post finn (Then, if he meets one, or, which amounts post finn (Then, if he meets one, or, which the Parallelogram be extended directly, End to End in a right Line; it per gent Directuel becomes the Sum of the two Sides, and the leffer one, nothing. Now, two conti-gous Sides of a Parallelogram being known, together with the Angle they include, 'is easily to find, the Subsentie of that Angle, i.e. one of the Directuals of the Parallelogram. that Anjle, i.e. one of the Dingensit of the Parallelogram, in Numbers, which shows, $M_{\rm b}$ of Laggery Proposition gives in Numbers, which shows, $M_{\rm b}$ of Laggery Proposition gives that would be definited by a Boby impellit at the finar Time by two Perces, which finod larve the finar Retrie to each other, as the consignous Side have, and at on each other, as the consignous Side have, and at on each other, as the consignous Side have, and at one of the constant o the Force corresponding thereto. This is one of the great Ulfes of the Proposition: For the Rarie of two Forces, and the Angle they make, being given, it is frequently necessa-ry to determine, in Nambers, the Line a Body impell'd by the two Forces would describe in a certain Time. See Canebossud Morton

the two Fourze would defently in a certain Time. See Commentation of the Commentation





bismate Reharmonic, or Chromatic, See General DIATONIC, E. DIATONIC, Co.

As the Lyre was improved, and more Chords added to it;

\$\tilde{\gamma}\$ was the \(\tilde{Didgerstamma} : \) By fuch means it came from 4.
Chords to 7, then 8, then 10, then 14, and at last 18.

Constant to P., with S., then Le, then of the H.S. See III. To could of their Cheenly, as Sound, box gare a particular Name, taken from its Situation in the Theogramme, or chiral Lev. Their Name, and Order, commercing from the Cheen Constant Name, and Cheen Commercing from the Cheen Constant Constant Cheen Constant Constant Cheen Constant Cheen Constant Constant Cheen Constant Cheen Constant Constant Cheen Constant Constant Cheen Constant Constant Cheen Cheen Constant Cheen Chee

The first, or lowest Note of his Scale, he marked r. and

all'd Gamma: whence the whole Scale came to be deno-

minered Gammut.

DIAGRAM, in Geometry, &c. a Scheme, for the Explanation, or Demonsfration of any Figure, or the Properties thereto belonging. See Figure.

DIAGRUDIUM, in Pharmacy, is prepar'd Scammony.

The Preparation is ordinarily perform'd by boiling the Seammony in a Quince. Others make it receive the Fumes of lighted Sulphur, whence it is call'd, Sulphurated, Funes of lighted Sulphur, whence it is call d, Sulphurated, Diagraphium [ighlburatum. Some incorporate it with a Quantity of Spirit of Virriol rofar, fufficient to make a Sour-of Liquid patt, which is afterwards fet to dry in the Sun, or by a gentle Fire. And this Preparation they call Diagra-tium Rofatum. The End of all these Preparations is correct the Scammony; But many more are of Opinion, in his nothing that needs Correction, and that it may be used

ins nothing that needs Correction, and that it may be used in its natural State. See Scammony. The Word Diagrydium is form'd, by Corruption, from baseifing, little Year.

dandbury, little Year.

DIAHEX APTA, or DIAHEX APTE, among Ferriers,
a Drink made for Horfes, denominated from the fix Ingredients it confifs of year. Birthwert, and Gentian Roots,
Jeniper Berries, Bayberries, Drops of Myrth, and Ivery
Shavings, mix'd together. It is an excellent Counter-Polico, Stavings, Inix together, it is an exercise councer-roston, cures Bites of venomous Beaffs, Colds, Confumptions, Te. DIAL, or Sun-DiAL, an Instrument ferving to measure Time, by means of the Shadow of the Sun. See Time,

and SHADOW. The Word is form'd from the Latin Dies, Day, because

indicating the Hour of the Day. See Hous.

The Greeks call it Sciasericums, from its doing it by the Shadow. See Sciaturicum.

Shadow. See Selaunieum.

Dial is more accurately defin'd, a Draught, or Defaincion of certain Lines on a Plane, or Surface of a Body
given, fo contriv'd, as that the Shadow of a Style, or a
formero, or a Ray of the Sun paffel through a Hole therein, finall touch certain Points at certain Hours. See Syruz.

in, finall roach certain Points at certain Hours. See Struz,
The Divertity of 500-Biels sailes from the different Sitation of the Planes, and the different Figure of the Sutitus whereon they are deficibled; whence they become
dominanced Equinoliist, Hericantal, Vertical, Polar,
Dived, Erell, Declining, Inclining, Reclining, Cylindived, &c. See Dilleling.

Dials are fometimes diffinguish'd into Primary, and Se-

Guideny.

Přimarry Diaka, are chole, cither drawn on the Plane
of the Horizon, call d'Hérissant al Thirds; or perpendicular
to the control of the Plane
of the Horizon, call d'Hérissant al Thirds; or perpendicular
ties, call d'arrical Thirds; to which Number are suffailly
added thofe drawn on the Polar, and Equinocitàl Pissas,
the mitther Horizontal, not Vercital. See Planes.
Epimocital Pissas, tabut defendé on the Equinocital
Epimocital Diaka, its that defendé on the Equinocital
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Equinocital Control of the Polarical Control
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A Plane oblique to the Horizon, either hangs over A Plane oblique to the Horizon, either langs over to-wards it, and makes an acut Angle with the Plane of the Horizon; or it falls off backwards from it, and makes an obline Angle therewith. This latter is call d a Rachining Plane; which, if it recline back equal to the Complement of the Latitude of the Place, it lies in the Plane of the Equipment of the Place. Equinochial; and a Disl drawn thereon, is denominated an Equinochial Disl.

Equinostial Dials are usually diffinguish'd into Up which look towards the Zenish; and Lower, which respect

the Nadir.

Now, as the Sun only illumines the upper Surface of an Equincétial Plane, while he is in our Hemisphere, or on the Northern Side of the Equator, an Upper Equinocities Dies

will only flow the Hour during the Spring and Samuel

Scaffon.

And again, as the Sun only illumines the lower Surface
of an EquinoChial Plane, while he is in the Southern Hemifree, or on the other Side the Equator; a Lower Equimodified Diad will only flow the Hour in Auturn, and

Winter.

To have an Equinodical Diel, therefore, that first ferre all the Year round, the Upper and Lower must be joyned together; that is, it must be drawn on each Side of

the Piane.

And fince the Sun filines on one Side or other of an Equinocitial Plane the whole Day; fuch a Dial will shew all the Hours of an Artificial Day.

all the stours or an Arthmass 1899.
To defervible an Englinchial Diata Geometrically.
The Equinodisal's the first, existin, and most natural of all Diata's 18 the Necessity of drawing it double, prevents its being much in Ufa. However, as its Structure flewes the reasons of the other Kinds, and as it ever furnishes a good Mechanical Method of drawing all the other Kinds of Diata's, it shall be here laid down.

of Disast, it strat to nere and down.

First, then, to deferibe an Upper Equinocital DIAL:

From a Center C (2 ab. Disalling, Fig. 4.) describe a Circle ABDE, and by two Diameters AD, and BE, intersectcie ABDE, and by two Diameter AB, and BB, inverding and other right Angles, divide it into Quadration for the property of the property of the property of \$50 cquad Part by the Sachtvide each Quadrati from \$50 cquad Part by the Carlon Through the Control of which Lines will be Hour-Lines. Through the Control drive a 85yle, or Pin, perspendicular to the Plane ABDE. Plane of the Equation the Long raided for no be in the Meridian, and the Pine A locking rowards the Seath; the Sachasow of the Style will flow the Hours both of the

Shadow of the Style will flavor the Hoan both of the Fore-spoan and fair-spoan.
For, Horary Circles include Arches of the Equater of fifteen Degrees each, See Honary Circle 4). Confi-quently the Plane of ABDE being fuppords in the Plane of the Equater, the Honary Circle will likewife include. Arches of 13 Degrees of the Circle ABDE. Where-fore, incore the Jangle 12 Cir., 17 Ci., 17 Ci., 25 Jf. ca. each here furpoided 12 Degrees, the Line Cir., Cir., Cir., Co., 25 Line States Charles and Honary Circles, with the

Plane of the Equinoctial, Plane of the Equinocitiat, Again, since the Style pading through the Centre C, is the Arist of the World; its Dilitance from the Centre of the Eirsth being incondicitable, and it being the common Diameter of the Hearty Circles; in Shadow will cover the Hour C 12, when the San is in the Meridian, or Circle of 12 s 2-Clock; C 12, when in the Circle of or 2 d-Clock; S C 12, when in the Circle of 10 s 2-Clock; S C 12, when in the Circle of 10 s 2-Clock; S C 12, when in the Circle of 10 s 2-Clock; S C 12, when in the Circle of 10 s 2-Clock; S C 12, when in the Circle of 10 s 2-Clock; S C 12, when in the Circle of 10 s 2-Clock; S C 12, when in the Circle of 10 s 2-Clock; S C 12, when its the C

Secondly, To describe a Lower Equinoctial DIAL:
The Method is the same as that for the Upper Dial already

described; except that no Hour-Lines are to be drawn beyond that of 6 a-Clock.

beyond that of ås Clock.
Thinkly, N. objerité au Diriverful Equinocital Diante.

Jon woo Metal, or Ivery Planes ABGA), and CDIFE,

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of the World Horizontal DiAt, is that described on a Horizontal Plane, or a Plane Parallel to the Horizon. See Horizon. Since the Soa may illumine a Horizontal Plane at all Times of the Year, while he is above the Horizon; a Higher and the Horizon and Horizon and Horizon and Horizon and Horizontal Plane at all the House of the Artificial Day.

throughout the Year : So that a more period Dial cannot be requir'd.

To describe an Horizontal DIAL Geometrically. Draw a Meridian Line B, (Fig. 6.) on the given immo-eable Plane; or affume it, at Pleafure, on a moveable one See MERIDIAN Line

See Manalina Line.

From a Flora theat at Headen; as G, ered; Perpenti.

Flora a Flora theat at Headen; as G, ered; Perpenti.

Flora a Flora theat at Headen at Headen; as the services of the Pole.

In D make another Angle CDB equal likewise to the Election of the Pole, and drew the right Line DC meeting AB in E. Then made, and drew the right Line CD, and then the right Line CD, cutting AB at right Angular Angular and Compared to the right Line CD, cutting AB at right Angular CD, and the CD, an Ousdrant El draw right Lines B a, B b, Bc, B d, BH, the respective Hour-Lin

the rejective Hone Lines.

A HericonalData, Trigonomerrically,
In large Dielt, where the untool Accuracy is required,
Geometrical Lines are bed for a deep, and in loss chorest,
Geometrical Lines are bed for a deep, and in loss chorest,
Chicharlon.

Month Calebria, and the control of the Control
Chicharlon. Month Calebria, in the Manderer de "Heademarine Passed and Carteria, An 12-ye, had done up good Service
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the Disk.

An the whole Sire is to the Size of the Elevation of the Pole of the Porce.

As the whole Sire is to the Size of the Elevation of the Pole of the Pole of the Pole of the Pole of the Size of the Size of the Size of the Angle required. That is, As the Side IV. (Fig. 7), in 10 fb. 2, So is the Targent of FDC, 4, to the Targent FC of the Angle FAC. See Taxener, Gr. Friende Disks, in that dawn on the Plane of a Vertical Plans, in that dawn on the Plane of a Vertical Plans, in that dawn on the Plane of a Vertical Plans.

Fettined Diam, is that drawn on the Plans of a Vortical Circle. See Variation.

Of their three are few attracts. Interface, according to the VerOf their three are few attracts their prior are the Pervertical and the Martishan from which refrictively arise
south, North, Engl, and Hyle Diads.

Diats, which refpect the Cardian Points of the Horice, are particularly cell the Diad is their to Diaction. See Discussion.

If any other Vertical to Lotte, the Lotte is non-cline. See Directivate, which Plane is said, by expressi-tanting It Lett. As a fix fuppoid to be the Ciric in all their new mentiod; the Didnis are particular denominated Excit. E. gr. Excit South's Direct North, &c. See Exact, Cic. Otherwise, the Plane being ediline, to the Herbins, they Otherwise, the Plane being ediline to the Herbins, they Compared to the Ciric South of the Ciric South Plane See Directive Ciric South of the Ciric South Plane See Direction of the Ciric South South Plane See Directions.

RECLINER, &c.

Recuisas, Ge.

Sunté Dial., or particular au Epsil Direil. Sunté
Data described en the Surface of the Front
Verfeul Circle, looking to the South. See Surva.

Since the Sunt hen illumines the Plane of the Frime Vertical, looking to the South, when, in in Progress he paties
from this to that; in which he is employed the House Sunté
from this to that; in which he is employed the House from
face in the Memring to the at Night.

We done a Ferrical South Diata.
On the Plane of the Prime Vertical Joseph Boltzer, On the Plane of the Prime Vertical Joseph Southwards, draw a Microlling Line AB (Fig. 8), and caking the Inter-charge of the Prime Pr To draw a Vertical South DIAL. to he perpendicular to the Plane of the Dial.

Then will the Shadow of any of these Indexes much the

feveral Hour-Lines at their respective Hours.

North DIAL, or Ered Direct North DIAL, is that des feribed on the Surface of the Prime Vertical, looking North-ward. See North.

ward. See Noarm.

Since the Sam only Illumines this Surface, while he advances from the East to the Prime Vertical, and proceeds from the fine Vertical to the Well, and time he is in the same of the

To describe a Versical North DIAL Draw a Meridian Line EB (Fig. 9.) and from A de-feribe a Ettle Circle at Pleasure. At A make the Angle Drew a serection have Bet (PP, 9), and from A de-fined a finite Cheb Revision of the Spanner, and from the Part of the Spanner, and from the Part of Plane of the Dist.

Then will A 4, A 5, A 6, be the Hours of the Fore-noon; and A 6, A 7, A 8, those of the After-noon; and accordingly will be pointed out by the Shadow of the feveral In-

Or thus: In a South Diel (Fig. 10.) If the Hour-Lines 4 and 5, as also 7 and 8, be continued beyond the Line 6 A 6 3 and the Triangle ADE turned about its Pole A till AE fall directly againf A 12, it is evident, a North Duel is hereby had: only observing what has been faild about writing the Hoors,

the Hours.

A Veritical North, or South DIAL Trigonomerically.

A Veritical North, or South DIAL Trigonomerically.

Theric only differ from the Harizontal Didd, in that the
Angle CAB is capat to the Complement of the place of

the Plate of the Plate; to Chly making the found Term

the Complement of the Elevation of the Plate of the Plate

Early DIAL, or Peril Direct Eagl DIAL, in that drawn

on the Plane of the Merdidian, looking to the Ellid Soil Plate.

Sonce the Son only illumines the Plane of the Merdidan,

looking Didd and Soiler Noon, and Ed Didd can only

fhew the Hours till Noon

On the Enfert Side of the Plane of the Meridian draw a right Line AB (Fig. 11,) parallel to the Horizon, and to this joyn AK, making with it an Angle KAB, equal to the Elevation of the Equator. Then with the Radiar DE, describe a Circle, and though the Centre D draw AC perferbe a Circle, and though the Centre D draw AC perfects Elevation of the Equation. Then with the Relation Dis. des forthe to Griek, and through the Camber D draw AG per-pendicular or AKs, by which means the Carels will be rela-viated into a Graph Part. And from the Carels will be desired to the Camber D draw of the Carels D draw the feweral Divisions draw right Lines, D a, D 5, D 6, D 7, D 8, D 9, D 10, D 10. Lastlity, 10 occas a Spell squales to the Relation DB, perpendicular to the Plant; six on the form Relation DB, perpendicular to the Plant; six on the form Relation DB, from these Relation DB. Thus will each Index at the favoral Hours project a Studow to the referred the of the Relation DB. Studow to the referred the Camber Agent DB. Studow to the referred the Camber DB. Studow The Studow of the Relation DB. Studow the Relation DB. As the Studow of Limitation and the Mondilan. See Waver, As the Studow of Limitation and the Mondilan.

As the Sun only illumines that Side of the Plane of the As me one only alamnes that Side of the Plane of the Meridian, looking to the Well after Noon, a Well-Dial can only flow the Hours from Noon to Night. This, therefore, joyn'd with an *Hagt-Dial* flows all Hours of the Day.

To drace a West DIAL.

The Construction is perfectly the same as that of an East
Dial: Only that its Situation is inverted, and the Hoars

write accordingly.

*Polder Diark, is that deferibed on a Plane passing through
the Poles of the World, and the East, and Well Points of the
Horizone. It is of two Kinds: The East, looking upon
wards the Zenith, and call'd Uppers, the latter down to
the Nating, called Lowers, and additional the Horizone
The *Polest Diast, thereone, is included to the Horizon
in a Angile could to the Elevation of the Pole.

Since the Polar Piane POQS (Fig. tz.) paffer through the Batt and Weft Points O and S, a Quadrant of the Equation intercepted between it, and the Meridian Confe-Ball and Welt Points O and S, a Quadrates of the Squarer is intercepted between it, and the Meridian: Confequently the *Uffers* Surface is illumined by the Sun from the Morring on the Morring of the Mo

the House would be in the contempt of the K in the Evening.

Draw he right Line AB (Fig. 13) parallel to the Horison,
and if the Plane he immoreable, find the Merdian Line
(E. Divide CE into two equal Parts, and through C draw
a right Line Fo parallel to AB. Then from the Cantre D
with the Interval DE, deferible a Quadrant, which divide
into fix equal Parts. And from the lame Centre D through with the interval $D_{\rm HS}^{\rm eq}$, and $D_{\rm eq}^{\rm eq}$ to the from the Carter D and S couple Parts. Affectly a Questionar, which divides a property of the property of th

the ledices.

An Upper Polar Dials, only differs in Situation, and the Manner of writing in the Hours, from Enft, and Weif Duthi yard together in the Line of fix a-Close.

A Lower Polar Dial is had by parting out the Hours of the Forenon, by 10, and 11, and those of the Africanon, 1, 2, and 1, with the Noon-hour 12 it felt ! and only leaving the Hours 7 and 8 of the Morning, and 4 and 5 in the Evening.

To draw all the Primary DIALS on the

To drow all the Primary Dials on the face Relack, or Poft.

1. Let the Plane ABCD (Pig.14) in the proper Position of the Block be supposed Herizontal 2 and thereon definite a Herizontal Dials. See Horizontal Dials. fathe a Horzantal Diat.

2. Draw the right Lines EM, and FL parallel to DC, which accordingly, in the proper Politics of the Block, will be parallel to the Horizon. Then her the Plane BNMC make an Angle with EM, equal to the Elevation of the Pole, CME: and thereon deferibe an Upper Polar Dial.

See Deler Dras

 Let the Opposite Plane ADE make with EM an Angle DEM, equal to the Elevation of the Equator: And on this draw an Upper Equanotical Dist. See Eminotical Let the Planc K LHI make with FL an 4. Let the Fishe KLIM make with FL an Angle HLF: And on this inferibe a Lower Equinoftial Disk. See Equinoftial Disk.

Let the opposite Plane FG make with FL an Angle

5. Let the opposite Plane FG make with FL an Angle FCL equal to the Elevation of the Pole: And here draw a Lower Peder Diat. See Seath Pole: An On that draw a South Diat, and on that draw a South Diat, and on this a North Diat. See Seath North and Diat. As the Diat. See East North and Diat. See East and Weight Diat.

If then the Block be fo placed, as that the Plane MNKL looks to the South, and the Plane of the Meridian biffed it by the Line of 12 a-Clock in the Horizontal Disd ABCD, and South Dad MNKL; They will all tell the Hour of the Day.

Secundary Diari.

Secundary Drais are all those drawn on the Planes of Stemdary Diass are all those drawn on the Human we ther Circles, befine the Horizont, frime Ferriest, Emination, and Paler Circles: Or those, which either Deckine, Incline, Recline, or Dimension.

Declaiming Diass are Erest, or Vertical Thats, which there is the thing that the Cardinal Points or, more thirdly, which cat either the Plane of the Prime Vertical, or of the

which cut either the raise to the Horizon at oblique Angles. The Ufe of Declining Disks is very frequent; as the The Ufe of Declining Disks are ufually drawn, comwall of Houles, whereon Disks are ufually drawn, comare Cardinal Points. See DecLINEA. Walls of Houses, whereon Disks are usually drawn, commonly deviate from the Cardinal Points. See Decentral.

Of Declining Disks there are several Kinda, denominated from the Cardinal Points, which they feem med to respect, but from which they have a real Declination: Decliners from the South, and from the North, and even from the Zenith.

Vertical Declining DIALS, Trigonometrically. Prob. 1. The Declination of the Plane, and the Eleva-tion of the Pole of the Plane, being given: To find the Angle form'd in the Centre of the Diel, by the Meridian, and Substyle.

Analogy: As the whole Sine is to the Tangent of the Complement of the Height of the Pole of the Place GF; Complement of the Height of the Pole of the Place GF 5 (Fig. 5.5) fo is the Sine of the Declination of the Place GF 5 (Fig. 5.5) fo is the Sine of the Declination of the Plane GF 10 the Tangenc GD, of the Angle required, GAD.

Prok. a. The Declination of the Plane being given, and the Elevation of the Place of the Place, to find the Angle form'd in the Center of a Vertical Declining Dist, by the

Subflyle and Axis.

Sablitle and Axx.

Analogy: As the whole Sine is to the Sine of the Com
Analogy: As the whole Sine is to the Sine of the Sine

plement of the Elevation of the Plane DGF,

of the Complement of the Deckmation of the Plane DGF, of the Complement of the Deckination of the Plane DGF, to the Side Dg, the Sine of the Angle DAB required.

Prob. 3: The Deckination of the Plane, and the Elevation of the Pole, given; to find the Difference of Longitudes, that is, the Arth of the Equator comprehended between the Meridian of the Place, and the Meridian of the

In the two first Cates, the Difference is to be taken between the Sun's Distance from the Meridian that Hour, and the Angle of the Difference of Longitudes sound by the last Problem: And in the third Cate, the Sum of those two Angles is to be taken; and the following Analogy wied. Analogy: As the whole Sine is to the Sine of the Analogy.

Ansley: As the whole Sine is to the Sine of the Angle between the Axis and Subfyle, CM; fo is the Tangent of the Difference of the Sun's Diffance from the Merigene of the Difference of the Sun't Diffuse from the Mari-dian, and the Difference of Longitudes, or of the Sun of these two Angles; to the Tangent of the Angle required. Prival.; The Angle form'd by the Sultivity, with the House Lines, and that of the Sultivity, with the Merdian, the Company of the Company of the Merdian, and the Company of the Merdian, and House Lines in the Course of Prival to the Merdian, and House Lines in the Course of Prival the Angle form'd by the Sultivity, with the Hiera-Line, from the Angle form'd by the Sultivity, with the Hiera-Line, from the Angle form'd by the Sultivity, with the Hiera-Line, from the Angle form'd by the Sultivity with the Merdian.

The Angles beyond the Subffyle, and on the Side

epposite to that of the Meridian, are found by adding those two Angles. 3. Those on the other Side the Meridian, are found by taking their Difference.

taking their Difference.

76 oligitis & Petrical Diaz, Audiming Fran the
South to the Endy of Wife, Gromenteally.

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on the Article Discussivers, and Discussivers,
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fing the Line of Consispont from the Plans of the Consispont from the Plans
Equinocial Plane to be GH, (Fig. 16). Through the Plans
Eq., wherein the Mordinal Line & Control to the first, draw of
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the Control of the Plans of the Plans of the Plans
of the Control of the Plans of the Plans of the Plans
of the Control of the Plans of th right Line IX, making with GH an Angle HEK equal to the Declination of the given Plane. Thus, as GH repre-lease the lateric Clon of the Prime Vertical, with the Ho-riana; IX will be the IntericCition of the Indining Plane, and the Horizon; Whence we also conceive, that the Part IE mail be raided above GE; in Gaft the given Plane &-ckine to the Weft: Or be deperfed below the fame GE; in Glife it declines to the East! Thow a right Line parallel cième to the Weft: Or be deperfiéd below the finns GB, in Glie It deferites to the East. Dava a right Line parallel to the Horizon on the girne Pinns, or Wall, to ordiver to the Horizon on the girne Pinns, or Wall, to ordiver to the properties of the GB. The Company of the Com-trom the right Local K, on the Pyra Term the Point E cards a Perpendicult F. C., equal to the Diffusion of the Corne of the Horizontal Dudy, from in Line of Contingery. Dava the Properties of the Horizontal Control of the Horizontal Pinns (L. V. E. C. and Control of the Horizontal Pinns of the Control of the Horizontal Dudy No. Lines thence to the reversal Points of the Hour-Lines E. J. Ez, E. S. Ge, let fall a Perpendicular AD from the Con-tre of the Horizontas Dial A to the Line of Contingency IR, and transfer the Diffrance ED from the Point E up-on the Wall; then will CD be the Subliylar Line. See SUBSTYLE

Wherefore, joyning AD and DC at right Angles; the Hypothenase AC will be an oblique Index to be saften'd on the Wall in the Point C, according to the Angle DCA.

To draw a Vertical Dan. declining from the North towards the Eaft, and Will.

Take the Declination of the Plane, as already number as North Dials we only South Dials we call south Full invested, draw in the Control of the Control o

Hand fet off towards the Left, and contrarywife; Omit-ring all Hour-Lines, which in fuch a Plane cannot be shown. steg all room-kinety which in fach a Plane cannot be flowers. For the Practice the belt Ways, is, after drawing a South Dreliner upon Paper, no prick the five-rail Points schemost through with a Pin. Then applying the Face of the Paper to the Wall, the Back-file thereof will flower you all Points sceeding for the North Practining Disk. Inclined Disks, are those drawn on Planes not Erell, but Intellines or leaving forward towards the South, or claming forward towards the South, or

Inclined Diank, are their curson in Failes has Cyan-but Inclining, or learning forward towards the South, or Southern Side of the Horson, in an Angle, either greater or left thin the Equinochia Plane. See Neuroskaviero. In Such an Inclined Plane is concilved by Euppoling one Part of the Plane of the Equinor Hinde by Woward the Cosmits, and the other depected toward the New Jones of the Plane of the Volve upon a Line drawn from the Eaft or the Welf Points of the Horizon. To draw an Inclined DIAL

t. The Indination of the Plane, as DC (Fig. 17.) being found by a Decliner, as taught under lwellnations; If it fall between the Equinocital Plane CE, and the Verti-It is all between the equinocial rank Co., and the verti-cal one CB, in fuch manner, as that the Angle of Inclina-tion DCA is greater than the Elevation of the Equator ECA. On the Upper Side draw a North Zinist, and on the Lower a South Zinist to the Elevation of the Equator, which is equal to the Aggregate of the Elevation of the Equator of the given Place, and the Complement of the Inclinasion to a Quadrant.

cimation to a Quadrant.

2. If the Intelliged Plane CF full between the Horizontalone CA, and the Equipocital CE, fo that as the Angle of
Jackinston FCA is left than the Elevation of the Equator
ECA: describe an Horizontal Died to an Elevation of the Pole, equal to the Aggregate of the Elevation of the Pole of the given Place, and the Inclination of the Plane, Dials thus inclined, are drawn after the fame mar

2014st that liferants, are drawn after the tank manner as Primary Disk, except, that the Dobe is the Genner Cafe-Primary Disk, except, that the Dobe is the Genner Cafe-der the Angle DEC: And that the Diffuse of the Cante der the Angle DEC: And that the Diffuse of the Cante of the Disk from the Line of Contingency in the former Cafe is DC, and in the latter FC. Reclining DLAs, are those drawn on Planes not Erest, but Reclinied, or leaning backwards from the Zenit's wards the North, in an Angle generacy or less than the Point

Prince.

A Retlines Plane is conceived by supposing one Part of
the Polar Plane raifed toward the Zenath, and the other
depressed towards the Nadir: And thus revolving about a
Line drawn from East to West. To find the Reclination of a Planc. See RECLINATION.

of a Piane. See Executive Tion.

Yo draw a Recliming Dial.

1. If the Reclimed Plane IC Sill between the Vertical Plane BC, and the Point Plane IC, to as that the Angle of Reclimation BCH is left than the Diffusion of the Pole from the Zenith BCI | Deferfible true Vertical South and North Diels to an Elevation of the Equator, equal to the Difference between the Elevation of the Equator of the given

rence between the Elevation of the Equator of the given s. If the Reclined Plane, as KC full between the Pelar Plane IC, and the Horizontal cost CL; for as that the Angle of Reclinetion BCK is greater than the Diffusce of the Pole from the Zenite ICB; Delerike a Horizontal Disid thereon to the Elevation of the Pole, equal to the Diffusce of the Pole for the Angle of Reclination, and the Eventson to the Control of the Pole, equal to the Diffusion of the Pole, equal to the Diffusion to the Pole of the Pole of the Eventson to the Eventson of the Pole, equal to the Diffusion that the Eventson that the E

rence between the Angre of Alexander of the Equator in the given Place.

Inclining, and Rectining Dials, Trigonometrically.

The Inclination, or Reclination of the Plane, and the Elevation of the Pole being known; to find the Angles made in the Centre of an Inclining, or Reclining Dies, by

mean the Centre of an Inchinum, or Reclining Dial, by the Meridian, and Hour Lines. Such Dial is properly a Horizontal Dial, for a Latitude equal to the particular Elevation of the Pole on the Pian of the Dial. Its Angles, therefore, are found by the Ava-logy hid down for Horizontal Dials.

logy laid down for Horseouses Yusas.

As to the Elevation of the Pole, on the Diad Plane, "is
thus found: "The Plane being inclined; Either its Inclination
is greater than the Elevation of the Pole of the Plance or they
or equal thereto. In the two first Cafes, for Upper South, or or equal thereto. In the two first Cases, for Upper Storets, or Lower North Distrit, the particular Elevation of the Pole on the Plane, is had by taking the Difference between the Elevation of the Pole of the Place, and the Inclination of the Plane: And in the Later Case, the Distrit in ep-tar Distrit, wherein the Heart-lines will be passible, by reason the Plane heing invalent on the Axis of the World, the Case of the Plane is the Case of the Case of the Case of the Plane heing invalent on the Axis of the World, and the Plane heing invalent on the Axis of the World,

reation the Farne hearing moistend on the Axis of the Weeds, and the represented thereon. In the Plant Conference of the Conference of the Conference of the Conference of the Education be greater than the Elevation, the Complement of the Education must be added to the Complement of the Education must be added to the Complement of the Education as . If it is being the Education with the count, the David will be an Equinocity (David, wherein the Angles at the Content will be equal to the Gard Dillitance from the Merchian term will be equal to the Gard Dillitance from the Merchian.

Dissolved Diaks, are those which both decline, and sections, or redine. See Diaks.express of specially Dissolved Diaks.express of specially Dissolved Dissol here fubjoyn'd.

An eafy Method, to describe a DIAL, on any Kind of Plaze, by useaus of an Equinoctial Dial or Circle.

Suppole, e.gr. A. Died required on a Horizontal Plane; a Hubble bei immovable, as ABDC (Fig. 83) find a Suppole, and The Hubble being simulated by the Hubble being simulated being a Hubble being simulated being a Hubble being simulated being simulated being simulated being being

How-Line after another; The fine Shadow will mark out the feveral flow-Line on the Flare ARGO. Noting the Foots, therefore, on the Shadow, draw Line strongly than to Gr. Them a midste keing fixed in Line strongly than to Gr. Them a midste keing fixed in the forest Bloom by the Light of the San. If a 29nd were required on a Further 21 Plane; having raifed the Espinochial Circle, as above directed, path for-ward the lands of Q. ill the Tip thereoft, touch the Plane. If the Fina to k. Indirect to the Herrison, the Elevision of the Computer of the Compute the Triangle KEF made equal thereto Noci, Belide the feveral Species of Dials, abovemen-tion'd, which are faid to be with Centrel, there are others,

call'd Diels without Centres.

DIALS without Centres, are those whose Hour-Lines do easily converge, but so slowly that the Centre they converge towards, cannot be express'd on the given Plane.

Horizontal Dials without Centres are to be made for

Places the Elevation of whose Pole is very fmall; or very Vertical Dials misbout Centres for Places the Eleva-

on of whose Pole is very great. For the Furniture of Dials. Ring-DIAL. Sec FURNITURE.

For the Parisiture of Dials. See Ferritere.
Ring-Dial.
Perialve Dial.
See Ring Dial.
Ring Dial.
Ring Dial.
Ring Dial.
Ring Dial.
Ring Dial.
Refelting Dial.
Refelting Dial.
Refelting Dial.
Nodural, or Night-Dial., is that which flows the Hours of the Night.

Of this there are two Kinds, Laurar, and Siderial.

Most Diat, or Laurar Diat, is that which shows the
Hour of the Night, hy means of the Light, or Shadow of
the Moon projected thereon from an Index.

the Moon projected thereon from an halor.

**Georgies Age, N. Horizontal 1800-Diet seulerd: Draw first a Alberoje, deg. A Horizontal 1800-Diet recepted: Draw first a Horizontal 2000-Diet. Then over two Perzendelands and Particular States and Days of the Moon's Age

Now, the Moon's Age being learnt from a Calendar; the Interfection of the Lines of the Moon's Age, with the Lurar Hour-Lines, will give the Hour of the Night.

After the fame manner may any other Sun-Dial be con-

To draw a Portable Moon-DIAL On a Plane that may be raifed according to the Eleva-tion of the Equator deferibe a Circle AB (Fig. 20.) and dition or the asymptot determine a Cartie AB (1/8, 20.) and di-vide its Circumference into a p equal Parts. From the fame Centre C deferibe another moveable Circle DE, which di-vide into a a equal Parts, or Hours. In the Centre C erect an index, as for an Equinocital Dial. This Dial being duly plac'd after the manner of an Fuerrocial Dial, and the 1s a-Clock Line brought to the Day of the Moon's Age : The Shadow of the Index will

gite the horse

give the hour.

To use a Solar, us a Lumar-Dial, h. c. so find she

Hour of the Night by a Sun-Dial.

Observe the Hour, which the Shadow of the Ledex points
at by Moon-Light: Find the Moon's Age in the Calendar, at by Moon-Logar: Find the Moon's Age in the Calendar, and multiply the Number of Day by 2, the Product is the Number of Hours to be added to the Hour shown by the

Number of Hours no be added to the Hour fixem by the Sandon, to give the Hour required.

Bill-HCT, the peculiar Language of fome Prevince, or plat of a Nation, found by Corruption of the general, or mitoral Language. See Language and the Hours could fixed y different Languages in one Verfe, i.e. for Unitedly, via. the Artis, Fount, Father, Dorris, and the common Language of the Greek.

and the common Language of the Green. See Gazia, Arrie, Jonne, En. Arrie, Jonney, Ergamus, Tofton, &c. are the Disiells of the Instian. See Ir ALIAN. The Gofcon, and Piecers, are the Disletts of the Prench.

The Galfom, and Piccará, are the Dishelfs of the Precis.

DIALECTICA, the Art of Logic; or, of Thinking, and
Regioning juility. See Loute.

Zero Liestes was the fift who diffeover'd the natural
Series of Pinciples, and Conclusions, observed in Resisening, and form'd an Art thereof, in Form of Dishegue,
which for this reason was sailed Dishelfiles.

The Word comes from the Greek Fighterial, of the very

The Word comes from the Greek STRARTING, of the very strain-Baleflow of the Ancients is usually divided into fo-rel Kinds: The first was the Electrics, that of Zeno Elecweil Kinds. The fifth was the Electrics, then of Com Bersris, which was therefold via. Configurations, Gallegrisons, and Contentions. The first conditing of Rulesrisons, and Contentions. The Georgia of the Condition of the Configuration of the Configura

noove. The last Part of Zeno's Distellicks, easied, was Contentions, or the Art of Disputing, and Commission; the fome, particularly Lacrisos, steribe this Part to Prosagaras, a Disciple of Zeno.

The second is the Distellies Megarics, whose Author is

Enclid, not the Mathematician, but another, of Megars. He gave much into the Method of Zeno, and Prosagoras: The there are two Things appropriated to him: The first, that he impugned the Demonstrations of others, not by Afthat he impugned the Demonstrations of others, not by Af-fumptions, but Concluding 5 continually making Illations, and throwing in Ergo, Ergo, Ergo. The fecond, that he fet a-fide all Arguments drawn from Comparison, or Simi-

Etude, as invalid. Etude, as invalid.
He was fucceeded by Eubnitides, from whom the So-phiftic Way of Reafoning is faid to be deriv'd. In his Time the Art is described as manifold: Mentions, Fairney. Jens, Fledira, Obvelata, Acervalis, Cornuta, and Calva.

See Soystans. The third is the Distellins of Place, which he proposes as a Kind of Analysis, to direct the human Mind, by dividing, defining, and bringing Things to the first Tratis, where being arrived, and thopping there a little, it applies to kifelt on explain fensible Thougas, but with a View on return to the first Tratis, where shows it can reft. Such in the close of Place's Analysis. See Analysis, Place Notice and the Control of t See SOPHIAM

theldes of Praise Assays.

Acap Nate, G. Acap Nate, S. Disslettica, containing the Doctine of Imple Words, deliver'd in his Book of Praises-waters: The Doctrine of Propositions, in his Book, de Interpretatione: That of the feveral Kinds of Syllogistas, Praises and Electhes's. See

in his Books of Analyticks, Topicks, and Elenchus's. See Syllogism, Topic, Elenchus, Paorosition, &c. The fifth is the Distellies of the Stoicks, which they

STREENING, TOPICE, EXENCENPA PROPOSITION, S.G.

THE SIDE OF STREENING AND STREENING, AND STREENI

Translations, as a Giant, or by Diminishing, as a Pigmy; Air Translations, as a Cyclops; Aut Compositions, as a Censur; Aut Contrario, as Death; Aut Privatures. blind Man. See Stores.

For the he freins to The fixth is Epicurus & Dissectic. For the he feems to have definited Dissectic, he cultivated it with Vigens. He have despited Znasecute, ne currivated it with Vigour: He was only averle to that of the Stotcks, who, he thought, at-tributed too much thereto; as pronouncing him, alone wife, who was well veried in Dialetlicks. For this Reason wife, who was went verted in Znatecticks. For this Reason Enterprise Servicing to fet a fide the common Dialecticle Epicorus terming to tet a-ude the common Dialecticks, had recourse to another Way, via. to certain Ganora, which he subdituted in their send the Collection where the activade Re, or de Vace: he save febarate Rules for each

DIALECTICAL Arguments, in Logick, are fuch as DIALECTICAL Arguments, in Logues, are tucn as are barely probable, and do not convince, or determine the Mind to cither Side of the Queffion. See PROBABLIVE. DIALIDING, the Art of drawing Ston, Moon, and Star-Diali on any given Plane, or the Surface of any given Body.

See Dial.

The Greeks and Latin; call it Goomenics, and Sciate-rics, by reason it diffinguishes the Hours by the Shadow of a Gommon. Some call it Photo-feateries, by reason the Hours are sometimes shown by the Light of the Sun. Lastle others call it Horologiography. See Gromorical SCIATERICA SEC. The Antiquity of Diels is beyond doebt:

attribute their Invention to Anaxemenes Milefius; and others to Thales. Virturius mentions one made by others to Tholes. Visrowins mentions one made by the nucleat Cheidee Hilbertin Berofits on a Reclining Plane; almost parallel to the Equinoctual, call'd Hemicolust. Ari-fare bas Samira invented the Hantisphere Disl. And there were fome Spherical ones, with a Needle for a Gnowne. The Disleas of Arisflarebus was an Horizontal Disl, with its Limb raticle up all a-round, to prevent the Shadows firetching too far.

Part it was late 'ere the Romous became acquainted with But it was late 'ere the Romons became acquainted with Diels. The first Sun Dial at Rome was fet up by Popyrins Carrio, about the Year of the City 447, before which Time; fave Plime, there is no mention of any Account of Time but fays Pilmy, there is no mention of any Account of Time but by the Sau Riffing, and Scring: it was far up in the Tem-rie of Swirinus, but went ill: About 50 Icars after, Mr. Velerral Moglado being Confel, Brought out of Sicily an-other Dial, which he fer up on a Pillar pear the Roftrans; but for Want of its being made for that Latitude, it could not see the They made after of it it I cars; all Marrius

nos go true. They made ale of HILL LERS; LHL MARTERS Philippes fit up another more exist. But there from to have been Dials among the Jevot much earlier than any of thefe. Winest the Dial of Abox, who lived 400 fears before Abexander, and within 12 years of the Building of Rome; mentioned by Maiab Chap.

of the Building of Rowe; memous-a by grown XXXVIII. Verte 8. Dualing is wholly founded on the first Motion of the beavenly Bodies, and chiefly the Sun, or rather on the Di-urnal Rotation of the Earth; So that the Elements of Sphe-son of the Earth; So that the Elements of Sphe-son of the Earth; So that the Elements of Sphe-son of the Elements of Sphe-son of the Elements of Sphe-son of the Elements of Sphewhat potential is a state of the property of t

exisen tecnsives, diffusit rom the Demonstration, nothing.

The first peckful Writer on Dilling, is (Letting) which demonstrates all, both the Theory, and the Operation, after the right Manner of the sactern Michaematicins, just for the right Manner of the sactern Michaematicins, and the property of the sactern Michaematicins, and the Complex of the State of the Stat is more easy, and obvious. publish'd with the Addition of a fourth part, containing 01-car's, and de la Hur's Mitchook of drawing Jacq Dish, which makes much the bett, and fulfelt Book on the 50th-sick: Perepfon, Motterel, and fulfelt Book on the 50th-joiding, in the German Tongue; Cheijint, in his Hore-Rejungraphia plana, printed in 1639. Gauppening in this Genuinness Michaelints, and Etem, in his Ufe of Mathema-

Groudman Alecchanich, and grow, in me do y

free lightromeouth.

Di Alline-Gibb, is an influement made of Brethy or

Wood, with a Plane fluted to the Horizon, and an Irden; g

particularly cointrived to other will sorts of Dials, and to give

a clef: Exhibition of the Principles of that Art.

Dist

DIALLING-Sphere, is an Inflrument made of Brais, with feveral Semi-Circles fliding over one another, on a moving. Herizon, to demonitrate the Nature of the Doctrine of Spherical Triangles, and to give the true Idea of drawing Dials on all manner of Planes,

on all manner of Planes.

DIALLING-LIBER, or Scalet, are graduated Lines, placed on Rules, or the Edges of Quadrants, and other influences, to expedite the Conferedition of Dials. See Scalar.

The principal of their Lines are, i. A Scalet of Jin Hongson, which is only a close to expedit the Conferedition of Dials. The principal of their Lines are, i. A Scalet of Jin Hongson could be also be a conference of the Hongson could be also be a conference of the Hongson could be a long to the Hongso

to the whole Line of sines, with the Declination fet against the Meridian Altitude a in the Latitude of London, fuppois, or whatever Place it is made far. The Radius of which Line of Sines is equal to the Dialiting-Scale of for Hours. A Radius of Latitudes, which is fitted to the Hour-Scale, and is made by this Canon; As Rad, to the Chord of 90 Dec. So on the Thomastic of each of Child. is made by this Canon; As Rest, to the Cheed of 90 De-prect; So are the Tangents of each refractive Degree of the Line of Latitudes to the Tangents of other Arcs. And then the natural Since of thois Arcs are the Numbers, which taken from a Diagonal Scale of equal Parts, fluil gra-duate the Division of the Line of Latitudes to any Resizu. The Line of Hours, and Latitudes is general for pricking does all Diale unit. Com-

down all Dials with Centres, DIALLING, in a Mine, call'd also Plemenning, is the using of a Compass, (which they call Dist) and a long Line, to know which Way the Lond, or Vein of Ozr inclines, or where to thirst an Air-Shaft, or being an Adit to a defir'd

Sec MINE.

Place. See MINE.

The Manner theroof, See under the Article Tine.

DIALIA, in Antiquity, Sacrifices performed by the Flamen Dialis. See Dialis.

Two not, however, of fach abfolate Necessity, that the Dialis were performed by the Flamen Dialis; but that others might officiate. We find in Tailing Annual, Lib. III.

other might efficiar. We find in Testins Assacl. Lib. III.
Cap. § 8. tast if he were fick, or denied by any other peak.
It harpley, the Pentificer took his Pilese.
The Pilese might be supported by the Pilese find of the William State of the

Dialogno, is the most ancient Form of Writing. See DIALECTIC.

The first Authors wrote most of their Treatifes therein. The Arch-Bithop of Cambray gives an admirable Painting of the Advantages of Dialogue, at the Head of his Patieral

of the Advantages of Distances, as the Head of the Perford Infilmation. See the Word Danaware, do to such as in Infilmation See the Word Danaware, do to such as in Distance, with Patience, in the Broke of Folo, and Leve of God, in the Carniers. "Johin Marry-spend that Ways, in the Coursevery's against the Jews. and Thinstellar General, the Origins sight to could belt effect the Error of Morrison. The great Advandagin thought it so Distinction to the multitry of Distance. This Way of Writing St. 25th of Infilmation of Distances and Control of the Control of the Great Married Control of the Control of the Control of the fore the multi proper to convey trade Rokes, which have force limitated all the British. The Area of Distances were ance immined an tre fair. The fairs of Dissigner admirably put in Practice by Gregory Nacionzen, and his Brother Coferius, for conveying the fublimeti Truths. Subjectives Severes could not do better, than publifth the Wooders of Solitude in a Kind of Convertations. A Volume of St. Cyrint Security count on to no new years. A Values of St. Lyof Scientic in a Kind of Convertisment. Divergence, where
the divergence is a Department of the Security of the Se Distinguist, and electricity their on free Will, where he good hack to the Chrispin of Sina, against the Allantabert? The hack to the Chrispin of Sina, against the Allantabert? The test in the Confirence of Coffien, which have fraued the fame Light through the Welt, that the Estire cold sit on St. Bafil. Greaty the Great deemed Distagrae worshy the Gravity of the Apolloids Sec. The Zulengare of St. Allantanus, on the Subject of the Trusty, are manuss throughout on all the Charts. St. Afairs three of the Ferre of his Genius in his Dislogues on the Fundamentals of Religion.

Profane Antiquity likewife made Use of the Art of Deslogue, and that, not only on humourous, and comical Sub-Agene, and that, not only on humourous, and comical Sub-jects, as Lucine did, but also on the most ferrous, and ab-litude; Such are the Disasgues of Plans, and whose of Caro, eve, which turn altogether on Subjects of Plansfophy, or Politick. Among the Moderns, the principal Valendigits, are Month. As Festion, Arch. Bishop of Cambray; Mr. Paichal,

in his Provincial Letters; F. Bonbours, in his Entretiens & Arifte, & Engene; Monfr. Fontenelle, in his Dislogues on the Dead, and Plurelity of Words, &c.

Dralogue, in Music, is a Composition for at least two Voices, or two Instruments, which answer each other; and which frequently uniting make a Trio with the Thoro'-

There are Abundance of Dialogues in the Italian

Oper's:
DIALTHEA, in Pharmacy, an Unquest that call'd from
in Belfs, which is the Root of the Althes.
It confils of Mucilgaes drewn from that Root, and from
the Seeds of Line, Squilles, and Fennigreek. The other largedients are common Oil, yellow Wax, Refin, Turpentine, Galbanion, and Ivy-Gam.

It is effected proper to forten, and refolve; affwaget Pains of the Side, fortens Callus's, and fireagehous the Nerves. "Tis applied, by rubbing it on the Parts af-

DIALYSIS, in Grammar, a Character confifting of two Points, placed over two Vowels of a Word, which would otherwife make a Diphthong; but are here parted into two Syllshies, See Yowers, and Diphymons. DIAMARGARITON, in Fharmacy, a Medicine deno-minated from Pearls, called in Latin Mergarite; which

minared from Fearls, called in Latin Mergorites which are a principal projection therein. So PETALL, J. T. S. P. S

smme Albest, red and Citron Samal, Termentel Root, Seedle Office, Belliny, Gr. Lin a pipelle to give Vigora, fail-lines Refejeration, and refit the Multiparty of Humoura, more than the Company of the Company of the Company and the Company of the Company of the Company of the distinguish'd Families, to disth and tear each other Bodels with Roda before the Albert of the Godes. The Fathers, and Mothers, who were preferr at the Specilest, suitassing and Mothers, who were preferr at the Specilest, suitassing of the Company of the

Pain, or Concern

Pain, or Concern.
This they called Disamoflinglis, a Greek Term, derived from Fassacryvin, to while, ended.
TheDring nerved apparently, was no other than to harden their Youth, and came them bettines to Bloom, Woods, U.S. that they might delight them when they came to War.

that they might despite team wom toy, where to wai.

DIAMETER, in Geometry, a right Line puffing they
the Centre of a Circle, and terminating on each Side by
Oct, the Disseaster may be defined a Chord puffing they
the Course of a Circle: Such is the Line AE (Tab. 672

Disseast; Fig. 23.) Deling through the Centre C. Sec. Cons.
H.H. in Disseaster, as CD, drawn from the Centre C to
Cet Circumstructs, is call'd the Seast-Disseaster, or Retinate

The Circumstructs of See RADIDS, U.

The Properties of the DIAMETER.

1. The Distancer divides the Circumference into equal Parts. And hence we have a Method of Definiting a Semi-Circle upon any Line; affirming a Point therein for the Center. See Samiciaccut.

2. The Distancer is the general of all the Chords.

3. To fast the Ratio of the Distancer to the Circum-

This Ratio has been greatly fought for by the Mathema-ticisms: And no wonder: in as much as if this were juffly given, the Quadrature of the Circle where atchier'd. See QUADRATURE

Quadratura.

Archimates first proposed a Method of finding it
by Regular Polygons, incribd in a Circle; till artiving at a Sase subsending an exceeding small Arch,
and then feeking the Side of a Similar Polygon circum(cribd: Each of the'e being multiplied by the Namton of Sides of the Polygon, gave the Perimeter of the Polyber of Sides of the Polygon, gave the Lawkick Cafe the Ragon both inferib'd, and circumferib'd. In which Cafe the Ragen both inferibéd, and circumferibéd. In which Cafe the Ra-sso of the Disauster to the Circumference of the Circle was greater than that of the fame Disauster to the Perime-ter of the circumferibéd Polygon, but lefs than that of the Disauster to the Perimeter of the Polygon inferibéd. The Difference between both gives the Ratio of the Dis-

The Difference between both gives the Kathy on the Dis-meter to the Circumference in Numbers nearly trae. That Divine Author, as already observed, by Polygons of Sides, found the Ratio of the Disameter to the Circum-ference to be as 7 to 22. wie, Supposing the Disameter to the

the Perimeter of the inferibed Polygon is found at a and the Perimeter of the interior

in which Proportion Protomy, Viera, and Hoggers agree with Van Cettlen.

Ad. Meties gives us the Ratio 113 to 255, which is the modescenate of all those expressed in finall Numbers 1 as

At Metric given us the Revie 115 to 515, which is the most control to 100 colors of the 100 colors of

Sound-Root, and it is the Diameter it felf. Spane-Root, and it is the Diameter it felf.

Diameters of a Curve, or Canick Softion, is a right
I not, as AD, (Tab. Canicks Fig. 5.) biffeeling all the Ordinates MM, Go. in P, Go. This, when it cuts the fail
Lues at right Angles, is particularly calld the Axis of the

Loss at right Angles, is particularly called the Auxil of 100 Curve, or Soffice, and A Transferrie Diameters, is a right Line, as AB (Tab. Ornother Fig. 6), which being continued each Way between two Curves, bifficies parallel right Lines between the lame, 20 MM. See Transversar. Conjugate Diameters, is a right Line, bifficiting Lines drawn parallel to the Transferrie Diameters. See Conjudence produces to the Transferrie Diameters.

DIAMETER of a Sphere, is the Diameter of the Semi-ircle, by whole Rotation the Sobere is renemted; call'd

allo Axis of the Sphere. See Sphere allo Anis of the Sphere. See Severe.

Beamerra of Gravity, Se a right Line passing through the Centre of Gravity. See Central of Gravity.

Beamerra, in Aftersomy. The Diameters of the beamey Bodies, are either Apparent, i.e. such as they appear to the Eye; or Real, i.e. such as they are in

themfolves The Apparent Diameters measur'd with a Micrometer.

are found different, in different Circumstances and Parts of

Greateft Mean. |Leaft. 1 50 0.10 3 59 0 24 of Suturn according to Tyche
Heusling 2 45 1 14 1 40 6 46 of Mars occording to Tycho 0 5 of Venus according to Tyche 4 40 3 15 of Mercury accord. to Tycho 3 57 2 10

That notable Difference between Tycho, and the other That rotable Difference between 1920s, and the other two Altronomers, is owing to this, that 47 jetos, in Initiation of the Ancients, measured the Disnuctors as they appear to the naked Eye; whereas Hevelius and Huygers used Telefoxpes, whereby a deal of furnious Luster, which other-wife makes them appear bigger than they are, is flavor of the Beaches of Commenced to the San and Black and the San and San and the San and t For the true Diameters of the Sun, and Planets, and their Proportion to each other. See SEMIDIAMETER.

DIAMETER of a Column, is that taken just above the Bases. From this the Module is taken, which measures all the other Parts of the Column. See Money r e other Parts of the Column. See Monute. Drameter of the Swelling, is that taken at the Height

of one Third from the Rufe.

of one Third from the Bate.

DIAMETER of the Diminution, is that taken from the

of mel Junt 1000 the American is that taken from the Top of the thint. See Districtives.

Di MMOND, in Neural Hilbery, by the Anison call'd Assumpt, species those, the first in Rank, Value, Hind-Top of the thint. See Districtives.

Di MMOND, in Neural Hilbery, by the Anis, Value, Hind-Top of the thint. See Districtives of the Anison of tween both Hands, at fome Diffance from the Eye; and another rubbing the other Side of the Bay, or Flamed, per-ty brillly with a Disament, the Light is much more vivid and pleafant than any other Way. But what he judge most furrrasing is, that a Disament being exposed to the open Air, in View of the Sky, gives almost the farme Light of it felf, without rubbing, as if rubbil in a dark Room: But, if in the open Air, you put the Hand, or any Thing a little over it, to prevent its immediate Communication with the Sky; it gives no Light; which is a diffinguishing Criterion of a Thingwood A Royal Diamond, is that not yet cut, but in has it

mes out of the Mine.

A Regg Blasseam, as the process of the consequence of the Male, is that cut in Faces both a top, and Bettern, and wholf Table, or principal Face a top in first.

A Reg Datason, is that quite the undernouth, but it supper Fare cut in divers little faces, whally Triangles, the upper Fare cut in divers little faces, whally Triangles, the upper But and the second translation of the second proposed wherefore terminate in a False as large Guare Face a top, encompated with four lefter.

Face a top of the face of the f and the Hand of Borneo. There are four Mines, or ra-ther two Mines, and two Rivers, whence Distanceds are drawn. The Mines are, i. That of Raoleonia, in the Province of Certarities, five Days Journey from Goleonia, and 8 from Vijespour. It has been differed about 200 Province of Carnatica, five Days Journey from Golconda, and 8 from Pfotom: It has been differed about 200 Years. 2. That of Gani, or Condours, 7 Days Journey from Golconda, Enfewardly. It was differed in 10 Years ago by a Petalin, who digging in the Ground found a natural Fragment of 25 Carnetti. 2. That of Samuelpoor, a slarge Town in the Kingdom of Bengala, near the Disamond-Mine. This is the most ancient of them all. It thould rather be cell? is the moif saccent or them an. It Hould rather be called that of Gonal, which is the Name of the River, in the Sand whereof these Stones are found. Lastly, the 4th Mine, or rather the second River, is that of Succession, in the site of

Districts, Districts, March 18 periods, and the Neghebers 4 rels Miller, Miller Hi firely, and full of Rocks, and Copfe. In the Rocks are fund ferrel lists Voke, of ball, and forenine as whole Indicated between the New York, and the New York of Which the Miller, with a Kind of holokul breach, out of which the Miller, with a Kind of holokul breach, and the New York, and the New York, and the Park, may be found again, and continued. When a work of the New York, who the Voke terminates, that the Track, may be found again, and continued. When a work fit were of these times, to figurate the Stone chereform. The Miners work quite maked, energe for a time limits Coch before them, and beliefs the Procession. When the New York of the wife Inspectors, to prevent their Concealing of Stones: which, however, maugre all this Care, they frequently find means to do; by wastching Opportunities when they are not observed, and swallowing them down.

DIAMOND-Mine of Gani, or Coulous In this Mine are found a great Number of Stones from 10 to 40 Caracta, and even more; And it was here that farmous Diamond of Aurerq-2-26, the Great Mogul, which before it was cut, weighted 780 Caracta, was found. The Gross of this Min are not very clear, and their Mine is dually singed with the Quality of the Soil, being black where that the Minky, or whose is parallel of red, and founttine green, and yellow, if the Grossel largene to be a Kind of fix Appearing on the Dissamet, when care, which takes off Pair of the Ladier. There are within you will be the compared to the

Ficcions.

Di assons-Mine of Genneipour, or River of Goustof Goust.
Sozinies[sur is a large Town butls all of Earth, and coverd with Braceless of Casco-Trees, and the River of Gundruns by the Foot thereof, in its putting from the high Monman. "It forms this River are brought all our fine Dismond Polars, or Sparks, call'd Natural Sparks. They never
begin to feck the Jonessals in this River all store the gust begin to feek for Dismonds in this River till after the great Rains are over, that is, after the Month of Discounder; And they afaully even wait till the Water is grown clear, which is not before "Saturary." The Seafon at hand, 8, or 10000 Perfons of all Ages, and Sexus, come out of Saturary four, and the neighbouring Villages. The most Experi-enced among them fearth, and examine the Saturar of the River. cincel among them faceth, and examine the Soad of the River, going up it from Soumileare to the very Monastine whence going up it from Soumileare to the very Monastine whence in, the Intellig of their Stores which we Langeton and Langeton and the Company of the Stores which we Langeton as Langeton and the Langeton and Langeton at Coulour, Strichnefa.

Diamond-Mine in the Island of Bornco, or River of Succudan

We are but little acquainted with this Mine 3 The Queen who reigns in that Part of the Island not allowing Strangers who reigns in that Pairt of the Illand not allowing Strangers to have any Commerce in their Stones: The There are very fine One to be bought at *Batavia*, brought thinker by Steath. They were anciently imagind to be fofur than thoir of the other Mines, but Experience flews, they are in no relycel inferior to them. Befile their Sua *Dismont-Alines*, there have been two others discovered a one of them Mines, there have been two others diffcover 43 one of them between Consider and Resolounds, and the other in the Province of Carnaties; but they were both closed up almost as feon as diffcover 4: That of Carnaties, by reason the Water of the Dimmends was always either black, or vellow; and the other, on account of their eracking, and flying in Discon whom a present and present the contractions.

Pieces when cut, and ground.

The Diamond, we have already observed, is the hardest The Zinamond, we have already obfere'd, is the hardeft of all precious Steme. It can only be cut, and ground by it felf, and its own Subtlance. To bring it to that Perfection, which augments its Price to confortably, they begin by rubbing feveral against each other, while rough; after having first gloud them to the Each of two Seitz's or Blocks, thick enough to be ded in the Hand. "To this Fooder this rubb'd off the Grouns, and received in a little Box for

that nobbl off the Stona, and rectival in a little Box for the Purpole, that there to grind, and posith the Stones.

Distances are cut, and positive by means of a Mill, which turns a Whool of first line spiralized over with which turns a Whool of first line spiralized over with ground, and distance with Water and Vinegar, is suffer in the feature of Enterol line, and the spiral line, and the spiral line of Table William, and we have a first the spiral line, and the spiral line, and the spiral line, and the spiral line and an a first, for the spiral line, and the spiral line and t ring, or expert erough to run the Risque of cleaving, for fear

All the properties of the control of fills the Stone with Shivers.

hils the Stope with Shivers.

The Anxients had two mittaken Notions with regard to
the Dismond: The first, 'That it became fort, by skeping it in hot Goat's Blood. And the second, That it is
malkeable, and bears the Hammer. Experience flews us maileable, and ocars the Hammer. Experience news us the contrary; there being nothing capable of mollifying the Hardness of this Stone; the its Hardness be not fuch, that it will endure being struck at Pleasure with the Hammer.

it will endute being thruck at Picciner, with the Hammer.
The fineft Dishamutish now in the World are that of the
Great Migral, weighing 279 Caracht; that of the Great
Dake of Iglency, weighing 129 Caracht; and that known
in France under the Name of Grand Sanoy, which is son
of the Grown jewels, weighing to Garacht, whence its
Name Sancy, which is a Corruption of Court fix, that is 10.6
Tentralized, by a Rule which he had made for Etilimating Tentraire, by a Rule which he had made for Effinancian by the Value of Einstein Anderson Annual Control of the Control Regulation of the Control Regulation of the Control Regulation of the Control Regulation of the Control of the Control Regulation of the Control of the Contr

DIAMONDS cut Facet - or Table-wife. Distoli Cut.

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24.	~	-	_	-	-	-	3.	12.	to q.	17.
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	-		-	-	-	-	r5.	0	to 15.	15.
5. 6.	-	-	-	-	-	-	22.	0	to 25.	o o
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15.	_	-	-	~	-	-	III.	0	to 1200	0
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10.	-	-	-	-	-	-	-	37.	0	to 40.	0
12.	-	-	-	-	-	-	-	55-	0	to 58.	9
15.	~	-	-	-		-	-	111.	0	to 130.	0
18.	-	-	-	-	-	-	-	247.	0		0
24-	-	-	-	-	-	-	-	315.	0		0
40.	-	-	-	-	-	-		900.	0	to 970.	0
50.	-	-	-	-	-	-	-	2200.	0	to 2300.	0
60.	-	-	-		_	_		2500	0	to 4700	

It must be observ'd, however, that Defects in the Water, or Shape; red, or black Spots; Shivers, and other Failings, frequently found in these Stones, reduce the Price by one third, and fometimes more.

As to Brillans, or Rose-Diamonds, the Price is always lefs by one third, than that of Table-Diamonds; the' the Weights be the fame; the reason is, that the latter shew themselves a great deal more when set in their Collets, than the former.

Attempts have been made to produce Artificial Dia-

The Follitistst DIAMONDS made in France, call'd fully Diamonds, on Account of the Tample as Paris, where the Foll of them are made, are wally facer of where the Foll of them are made, are wally facer of where the Follitist of the Account of the pretty confiderable for the face the Confidency to the Confidence of the Stage, Gr. DIAMOND. The Diamond of of confiderable Ule in the DIAMOND. The Diamond of of confiderable Ule in the

DIAMOND. The Diamond is of confiderable Use in the Cleft Manufacture, for squaring the large Plates, or Pieces:

Glafe Manufacture, for Guaring the large Pittens, or Pittens and among Glaziers, for curring their Glafe. Their Chinacon are differently fland up. That wild for Locking Glaffe, and other large Periods is in an area related to the control of their conference large periods and a Quarter of the Control of th

The Gilaices have a Handle of Box, or Eboxy, Sixted into the Ford to hold it by. In the former there is a little proce of Box configure to Ferni from the Ford of the Configure to Ferni from the Ford of Ford of the Ford of Bittering the Coats of Ford of Ford

ND Glafs. See SGLASS. PAVEMENT. DIAMORUM, a Composition in Pharmacy, cirker

Simple, or Compound.

Simple or Compound.
Simple Drandsum, is the common Syrup of Mul-brites, made of Mulberry-Juice, and Sugar. It is good against Difeates of the Throat, and to stop Dystemerica. There is also a Sort of Simple Democrate made of Mul-

Three is also a Sort of Simple Diamorous made of Mul-berry Juice and Hencey, called also Mulberry Rob. Compound Diamoto as is made with Mulberry Juice, Sapa, Verjuice, Myrth, and Saffron. It is used to decryg-Polegm from the Stemach, and Breath, and case Respo-

ration.

The Word is form'd from Marus, Mulberry.
DIANA'S Tree, Arbor Distac, a very curious Pharacenens in Chymfitry, being the just Figure of a Tree, with Branches, Leaves, Fruit, Ge. fincoting up in a Diffolation

of Silver in an Acid Spirit. of Silver in an Acid Spirit.

There are divers Manners of procuring Dissas's Tree;
but most of them exceeding tedious, except the following one of Monfi. Homberg, which may be done in a
Ouerter of an Hours time. Take four Drachms of Fi-

on the second se diskly after this you will fee feveral small. Threads, or Fi-liments, arising perpendicularly from the little Bulb of the newly pat in Amaligama, which will sensibly grow, and thresh out, on the Sodes, small Beathers in Form of a Tree. The Bulb, or Bull of the Amalignass will grow hard, and be like a Pellet of white Earth; and the little Tree of the Colour of bright Silver.

Colour of bright Silver.

The Form of this Metalline Tree may be varied almost at Picofure. The stronger you make the first described Water, the thicker will the fittle Tree be in Branches, and the toncer form'd. The fame Author stress, how divers the first of the Silver of the Sil

other Kinds of Frees 18-ty to perfect

and Digedition. See Max 728 orbits.

DIANUCUM, in Pinamary, a Kind of Reb, made of
the Juice of green Walnars, and Sugar, boil'd cogether by
a moderate First, to the Confidence of Honey.
It is good to throughen the Stomach, promote Sweat,

It is good to ittengene the bottomark, produced, and resist Position.

The Word is form'd from Now, Neet's Neet.

DIAPALMA, in Pharmacy, a Deficientive, or drying DIAPALMA, in Pharmacy, a Deficientive, or drying whether the Spettule is made, that is to filtr it while whether the Spettule is made, that is to filtr it while the state of the palmarker. boiling.

It is composed of common Oil, Hogs-fit, and Litarge of Gold. It is good to dry, refolve, deterge, and cicatrine: And the Platter most used for Wounds, and Uleers. DIAPASMA, a common Name for all Persumes applied

on the Body, of what Form forver they be, whether Powders, Effences, Pomatum's, or the like.

The Word comes from the Greek Foundaries, to ma-

te

DIAPASON, in Music, a Musical Interval, by which most Authors, who have wrote on the Theory of Music, use to express the Octave of the Greeks; as they use Dis-

pents, Disselfaron, Hexachord, and Tetrochord, to express Fifths, Fourths, Thirds, and Sixths. See Octave.
The Disputor is the first, and most perfect of the Con-The Disposon is the first, and most perfect of the Con-cords: If confider'd Simply, it is but one Harmonical In-terval: the if confider'd Distonically, by Torus and Soby Tones and Se-

terval 3 the if confider'd Distancially, by Tones and Se-mi-tones, it contains feven Degrees, one, three greater Tones, two leftir Tones, and two greater Semi-tones. See Dronnik. The Interval of a Distription, that is, the Proportion of its grave Sound to its acute, is deplicate, that is, as £

See INTERVAL

to the control of the

Gering as a Standard or Marsier for the different Maon

tudes, they must have to perform the four Parts
Music. See TRUMPET.

Mufic. See TRUBERT.

There is another for Sack-base, and Serpets, finewing how far they are to be lengthed d, or florten d, to rife or fall from one Tome or Interval to another.

The Bell-founders have likewise a Dispajon, or Scale, ferring to regulate the Size, Thicknefs, Weight, U.c. of their Bells. See #Bell-Founders.

DIAPASONDIAEX, in Music, a Kind of compound Concord; whereof there are two Sorts: The greater, which is in the Proportion of 10 to 54 and the lefs, in that of 16 to 5. Sec CONCORD.
DIAPASONDIAPENTE, in Music, a compound Con-

remove that the Let in Mulic, a compound Con-manner, in the Triple Ratio, or as 3 to 9. See Concorn. The Disputon-dispente is a Symphony made when the one proceeds from the rit to the 12th Tone.

The Word is properly a Term in the Greek Music : thould now call it a Toutfeb. THAPASONDIATESSARON, in Music, a compound

DIAPASONDIATESSARON, in Mafic, a compound coccord, founded on the Propertion of 8 to 3.

The "Diapafon-distrifuerus is a Symphony, wherein the Voice proceeds from its first Tone to its eleventh. This the Moderns would rather call the Eleventh. DIAPASONDITONE, in Mufic, a Concord, whose Terms are in the Prospection of 10 to 4, or 4 to 1.

DIAPASONSEMIDITONE, a Concord, whose Terms are in the Prospection of 10 to 4, or 4 to 1.

DIAPASONSEMIDITONE, a Concord, whose Terms are in the Prospection of 10 to 4, or 4 to 1.

DIAPASONSEMIDITUNE, are in the Proportion of 12 to 5.
DIAPADESIS, in Medicine, an Eruption, or ooking of Blood through the Coats of the Veins, or Arteries; occasioned citizer by the Bloods becoming too much distored, or by the Bloods becoming too much distored, or by the Bloods becoming too passes by the Ports of the Veilch becoming too passes. attenuated 3 or by the Pores of the and open.

tens, and open. See BLOOD.

There are forme able Physicians who deny there can be any fach a Tenuity of Blood, as that it shall exude thre' by men's remains of 15000, as that it find exade three e Veffels, without any Apperture made therein. The Word is compounded of \$18, through; and at-

No, I lesp.

DIAPENTE, in the ancient Music, an Interval making the Second of the Concords; and with the Disteffaron, an This is what in the modern Music we more usually

This is what in the modern Music we more ulusily call a Fifth. See Firru.

The Disposure is a fimple Concord; yet if confider'd Dissonically, it contains that Terms, two greater Tence, a letter Tence, and a greater Semi-tone. The Disposure is the greaterly Part of the Disposure, or Olave, harmonically divided. It is produced when the Voice pattle from in furf Tence to its fifth.

DIAPENTE, is also used in Pharmacy, for a Compound of five feveral Drugs, or Ingredients.

of five feveral Drugs, or Ingredients.

The Word in form! of Jud, and Afore, five.

DIAPHANOUS, in Philosophy, Transparent, or PedJacid, is fomewhat that gives Pallage to the Rays of Light;

as Water, Air, Glafs, Tale, fine Porcelare, Se. See Trans-

The Word is form'd of Jy2, three, and pairs, Incre,

DIAPHANEITY, in the Schools, the Quality of a transparent Body; or that which denominates it fach.

The Corresions hold the Diaphoneity of a Body to conare Carregani beld the Disphenicity of a Body to confini the Recitives of in Porce, that is, in their being finance in right. Lines, fo as that there is no intermediate Sublance to prevent the Palinge of the Rays. And hence argue, that the rendering Glatis malleable is an Impossibilities of the theory of the rendering Glatis malleable is an Impossibilities for the feet matter directly against each other, and of Confequence to five transfer directly against each other, and of Confequence fields in 200 productly, the grain-pal Character of Glatis. Soo GLASSI

Sir Ijaao Newton accounts for Diaphaeeity from another Principle, vin. from the Homogeneity, and Similarity between the Mediana, wherewith the Ports are filled, and the Matter of the Body it fell. For the Refractions the sau me avered of the Body Hell. For the Activicions the Rays andrego in paffing that out of the Matter into the Porce, i.e. out of one Medium into another, being but finall, the Properts of the Ray is not fo much interrupted, but that it can make its Way through the Body. See OFACIFY, REFRACTION, See

DIAPHOENIC, in Pharmacy, a fort Purgative Electuary, thus call'd from the Dates, which make its Zofit; the Palm-Tree, whose Fruit they are, being call'd by the Greeks

The other Ingredients are the Penides, Almonds, Turbith,

The other logiculents are the Permets, Almoons, 1 around, Ginger, white Pepper, Mace, Cimamon, Rice, Fennel, Daucut, and Honey.

Diathority purges thirty Scroftice, and excites the Meofer, It is also uted in Dropfice, Lethargies, Apoplexics, fes. It is and Palifes:

and Paines.

DIAPHORESIS, in Medicine, includes all Ditcharges
made through the Skins, but chiefly that by infensible Perfyination, and Sweatz: Whence Disphoration, Sec.
DIAPHORETIC, in Medicine, is applied to Remedies
that promote the Expalsion of Humeurs by infensible Perspi-

See Persperation Dispheretic is much of the fame Import as Suderific: Except that the latter promote fensible, and the former in-fensible Perspiration. Their only Difference, therefore, is

in the Degree of Action. See Supportings, Ge.
Diagnoratic Antimony, or Mineral Diagnoratic, is
a Preparation of Antimony, the Process whereof fee under the Article ANTIMONY.

the Attended Antony, popularly call'd Midriff, and by Anatomits, likewife, Septem, or Medican Traiff, and by Anatomits, likewife, Septem, or Medican Traiff, is a nervous Music, feparating the Breath, or Therex, from the Abbasen, on thour Veners, and ferring as a Partition between the Natural, and the Vital Parts. See

VENYER.

Its Figure is round, refembling a Ray, or Thornback.

It confills of two Circles, the one Membranous, the
other flefility, tho' others will have both of them Mefcular: of two Arteries; and two Veins, call'd Phrenies; a
and feveral Bennics of Nerves.

The first, or furgerior Girde arties from the Sternman, and the Ends of the Iait Ribs: The fecond, or inferior, comes from the Fariebre of the Loine. The upper is covered actop with a Membrane derived from the Plennes, and the lower lined at bottom with another from the Peri-rousems. Its Struction is oblique; being extended from the Carrillege xylopoide, by the Extremes of the Ribs, to the

Region of the Lou Region of the Louis.

It is piccod in the middle for the Pastage of the Fense
Caua; and in its lower Part for the Orfophagus; and between the Productions of the inferior Carle pair the Aerts,
Témparic Duell, and Fense Aerges. In its natural Dispofition it is course on the upper Side towards the Breast,

and house was the Louis. fition is in correct on the upper Side resonals the Benin, and cancer on the beset towards the Belin, Hence and cancer on the beset towards the Belin, Hence and Cancer on the Belin the B publics of the Air in Enfrireitien. See Russia Arrivan-Li van Fleins, and Gelein Informs was that the cital Via I van Helman Gelein Informs was that the cital Via I van Fleins, and Gelein Informs was the See Via to be between the Chapter of the Company of the Pierry president Phennys; which is not as all warmened that Pierry president Phennys; which is not as all warmened that Pierry was the Chapter of the

DIAPHRAOM is also a general Name, among the Learned, for all Partitions, or Separations between two Parts of a Thing; As the little perforated Partitions in the Tabes of long Telefcopes. See Tune, &c.

DIAPHRAGMATIC, is applied to the Arteries, Veins, and Nerves diffributed through the Diaphragm.

They are also call'd *Phrenie, or *Phrenetic.* See PHRENIC.

DIAPRE, of DIAPER, in Heraldry, a Dividing of a Field into Planes, or Comparti-ments, in the manner of Fret-work; and filling the fame with Variety of Figures. See FRE's the fame with Variety of Figures. See Faura-This chiefly obtains on Bordures, which are singered, or fretted over, and the Fres As in the adjoyning Figure.

DIAPRUNUM, in Pharmacy, a fort, progrative Ricchas-t, thus call'd from the Palp of Doundjean Pruces, which

ry, thus

as medica.

Disprawas is either Simple, or Compound.

Simple Distraction confiles of the Pulp aforementation, with 16-16.

Simple Distraction confiles of the Pulp aforementation, with Coffe, Tamarina, Rubatarl, red Rofes, Violet Scoth, Santals both red and Citron, Scrapings of Violet Scoth, Santals both red and Citron, Scrapings of troy, Liquerice Jaice, and the four cold Scoth. It is good to prepare, and foften the Humour.

to pergue, and feften the Hammon.

Campionnie, or Southire Dirayawawa, is only the Simple, with the Addition of half in Ounce of Scanmony to

curry Pound of the Eckbury, to reach it more pragnice.

JHARRIEA, in Medicine, a Logiquif, or Flux of the

Belly, or a profile Evenation of logical Eccentumes by

Stock. See Evene arrow, and Front.

Stock of Evene arrow, and Front.

or Hammon of the Euly 1, the properly for that wherein the Hammon,

or Exercise flows out either pure, or mix'd; with, or with
own Poin. in a fall of Street. See Frux.

out Pain, in a fluid State. See FLUX.

our Pain, in a flaid State. See FLUE.

Distribution are of divers Kinds, according to the Diverfity of the Excrements: Some being bilious; fome ferous;
fome pitatious; and fome puralent. The Paralent always
artifes from from Abrells open of in the Body; it her fit either
from morbid Humours irritating the Intellines, and expending be Juices out of the adjacent Parts; or from a Laxnels of the Intellinal Fibres; or an extraordinary Fermentation in the Blood, whereby it difcharges its Excrements into the

There are also Diarrhas's arising from unwholesome oods, and Stoppage of the other Exerctions, particularly Perspiration is a flanding Observation, that such as perspire but

It is a Handing Contrivation, that such as persper our little, are ever fullyeft to a Diarrabas', and on the con-trary, People who perfpire much, are commonly bound. **Region tenestions Diarrabas'; as one usual great Ef-fect of Grief; as likewife of immoderate Anger; without

feet of Grief; as account or immoderate Anger; without which a Fever would be produced. In the Care of Diarrbea's, from whatever Caufe they artie, the Stomach mult be corrobouted, and Sudorificks to be migd with Abforbent. The Patient to drink figu-ringly. Quince and Wire burst with Aromaticks is good.

Wessurzebs observes, that a Flamel Shirt contributes much to the Care of an habitaal Diarribes.

to the Core of an habitatal Fjorritect.

Strateging, a Psychican of Lucket, relates, that a Mechanic of that City had a northeast Distriction in the Core of the City had a northeast Distriction in the angular part of the Strateging of the Core of the City had a northeast and the while, having, a good Argetin, and faillicent Strength and Viptor. But in the 18th tert at this flow and the core of the City of the C

place, to flow

DIARRHODON, in Pharmacy, a Name given to divers Compositions, wherein red Roses are an Ingredient. Compositions, wherein red Rotes are an Ingredient. Di an autorions Mibatis, is a Cordial Powder, denomi-nared from the Abbox who invented it. It conflists of red Rofes yeed, and Citron Stantla, Ligamus Albes, Cimamon, Rhapenit, Spikenard, Ivory, Harts-born, Saffron, Maltie, Pearls, Ambergis, Musk, Ge. It is used to throughen the Heart, Stomach, and Liver, to affilit in Digettion, and

the Heart, Stomach, and Latver, to antit in Digettion, and prevent Vomition.

There are also Trochife Danas monos, compoded of red Refes, Straings of Foory, the Sannis Linguistic, Maille, Sastron, Campior, and Rofe-Water. They are good to circify the Heart, Stomach, and Liver, and to thep Differencies, and other Flexes of the Eclip.

meix, and echer Ficaso of the Edily. "Tipulate Disassances are composed of Alocs, Tra-yillate Disassances are composed of Alocs, Tra-yillate Disassances are composed to the Aloca Tra-yillate Disassances, beneath place and the Aloca Tra-will are the Aloca Tra-will are the Aloca Tra-William Tra-

SYNARTHROSIS,

Dientringii is of three Kinds . . . When the Head of the Bose is big, and long, and the Caviry that receives it, drops; it is call Cararringii; Such is that of the Thing, and the Caviry that receives it, with the High. . . When the Head of the Bose is that, and the Caviry is the call Cavir is the Cavir is the cavir in the Cavir is the Cavir is the cavir in the Cavir is the Cavir in Cavir is the Cavir in Cavir in Cavir is the Cavir in Cavir is the Cavir in Cavir in Cavir is the Cavir in Cavir i

D. ARTHROSIS Synarthroidalis, call'd alfo Amehiarehro-DIARTHROSES Synathronastis, can distro Amphiarthro-fit, is a Kind of neutral, or dubious Articulation; being neither abfolutely Diarthrofts, as not having a manifelt storiom; nor abfolutely Synathrofts, as not being quite

immoveable.
Thus the Articulations of the Ribs, with the Vertebre, and those of the Bones of the Carpus, and Tarfas, among such other, are Synarthroided Diarthrofes. See Russ, Se. The Word comes from Jud. and delega. Twelfare. Al-DIARY Fever, is a Fever of one Day. See Erme-

MERA:
DIASCORDIUM, in Pharmacy, a Kind of Electuary,
or Opiate, first described by Fracastorius, and denominated
from Scordium, which is an Ingredient therein. See Scon-

rem scottents, where is an ingrement therein. See Scot-nium.

The other Ingredients are red Rofes, Bole, Storax, Cin-namon, Caffa Lignes, Dittany, Tormentille Roots, Bi-flott, Gentian, Galbanum, Amber, Herra Siguilars, Opinos, Long Pepper, Ginger, Mel Rofatum, and Malmfey.

Olima, Long-Pure, Giner, Mar Regiran, and Maintey. It is uffed against malignant Fevers, the Plage, Worns, the Colle, to revolves Bern, and rell Harderica.

It is uffed against malignant Fevers, the Plage, Worns, the Colle, to revolves Bern, and rell Harderica.

It is post in the College of the College of

by Urine

y Urine. DIASENNA, in Pharmacy, a foft, purgative Electuary, us call'd from Senna, which is its Bate. See Senna. The other Ingredients are Sugar Candy, Cinnamon, La-The other legredients are Sugar Candy, Climmon, La-pit Lazuli, Silk, Cloves, Galanga Minor, black Pepper, Nardas Indicus, Soed of the Bullica, Leaves of Cloves, Cardamonum, Saffran, Ginger, Zedoury, Rofemary Flowers, Long Pepper, Lapit Armensus, and Honey. Diaforms catic and comforts the Melamehelic, and Spicnetic: and is good against all Diseases arising from an Arra-

DIASTEM, in Mufick, a Name the Ancients gave to a fundle Interval; in Contra-diffinction to a compound Inter-val, which they call'd a System. See INTERVAL.

Musicians divide Intervals into two Kinds: One of them call'd System. which is to contain at least two Intervals in

any Kind of Music whatever; but many, contain more.

The other, call'd Disting, is a mere, or single Intrival 3 The proper Signification of the Greek Pracrusal

DIASTOLE, in Anatomy, Diletation, or Differtion: a DIASTOLE, in Anatomy, Distration, or Differention; a Term expecting that Motion of the Heart, and Arteries, whereby those Parts dilate, or diffend themselves: The other opposite Motion is call'd the Systole, and Artery; wherein they contrast themselves. See Heart.

The Diagose of the Heart is properly the Recess of the Parietes of the two Ventricles from each other; the Enlarge-ment of their Cavities and Diminution of their Lengths, ment of their Cavities and Dimination of their Lengths, or their Approximation to a Spherical Form. See Systole. The Display, or Dilatation of the Heart, arifes from the Blood brought, by the Veins, into its Ventricles; and that of the Arteries, from the Blood thrown into their Cavities by the Countration of the Heart. So that the Display of us me afteries, from the Bison tarown into their Cavines by the Contraction of the Heart. So that the Disiplate of the Heart, and Arteries, is not efficiled at the fame Time; the Disiplate of the Heart bappening whom the Arteries are contracted, and that of the Arteries when the Heart is con-

What we call the Beating of the Pulfe, is only the Dis-

What we call the Beating of the Pulle, is only the Dis-fals of the Arteries. See Puller.

The Lungs and Breaft have likewife their Syfiole, and Disfale; so has the Brain. See Lunes, &c. Lunes, the More is Greek, form'd from the Verb &sactycus,

The Word is Green, Souris from the Verb Facety, Con-ficturate, open.

The true Caule of the Diagole of the Heart was but lamely accounted for before Dr. Drake. That the Heart is a Muticle, is made evident beyond all doubt by Dr. Lower's and that the Motion of all Mufcles confifts in Confircition, sees mat the Motion of all Mutices conflicts in Confrictions is not to be doubted. By fluch means the Syffold is easily accounted for. But in as much as the Heart has no Antagonith Muficle, the Diagloss' has puzzled the greent's Wiss. Dr. Lover unhappily attributes it to a Motion of Re-

DYA

fination. As the Motion of the Heart, Exp by, is presond by Controllies; and as the ribest of the Heart can also the Motion Conditions, it is quicken, afthe Motion of the Heart can be the Heart of the Heart can be the Heart of the Heart can be the Heart hea

Heart. See HAAAT.
It has less bown known, that the dure Meter has a fifther and Statella, exaltly corresponding to these of the property of the seed o

tilk Syllade and Phafkale of the Brain. See BRAIN.

Plastole, in Grammar, a Figure whereby a Syllable
attrally fhort, is made long. Thus it is, that Virgil
egins a Verle with the Word Italia, the first Syllable whereof is thore

DIASTYLE, in the ancient Architecture, an Edifice, where the Columns fland at such Diffunce one from anwhere the Columns fland at fisch Diffunce one from an-other, that eight Modules, or four Dimeters, are allowed for the Intercolumniation. See INTERCOLUMNIATION. DIASTRAINS, mRketorie, a kind of Hyperbole or an Ex-aggeration of fome low ridicalous Thing. See Hyperrole DIATESSARON, in Pharmacy. a Sort of Treade, thus call'd because confilting of four Ingredients, which are Roose of Arifoliachia, and Centina, Laurel-berries, and

See TREACLE.

Myrth. See TREACLE.

It is also call'd Theriaca Pauperum, because made at a very est; Experte, and in a short Time. It is good against Stingings of venomous Beatls, Epikepses, Convaldoms, Colicies, to strengthen the Stomach, and promote the Mendes.

The Word is Greek, and fignifies a Composition of four

Drugs.

DIATESSARON, in the ancient Mufic, was a Concord or harmonical Interval, composed of one greater Trone, one leffer, and one greater Termi-tone; Its Proportion being as 4 to 5. See Concord. In the modern Music, it is call'd a perfect Fourth. See

DIATHESIS, a Term used by some Writers, in the me Sense with Constitution. See Constitution,

DIATONIC, an Epithet given the common Music, as it socceds by different Tones, or Degrees, both afcending, and feending. See Music, and GENERA. descending. Authors divide the Sorts of Music into Diatonie. Chro-

printing and Embarmonic.

Diaronic Mulic only allows of three Degrees; the reater and lefter Tone, and the greater Semi-tone. See

ONE, and DEGREE. Hence Distance Music appears the most natural, and of Confequence is the most ancient. The Genus, or Kind, which makes the Character of the Diatonic Music, is

which makes the Character of the Diatomac Moffe, is call'd the Diatomic Kind, or Genus. In the Diatomic Moffe there is a Tone between every two Notes, except between Moff and Fit, and Si and Ur, where there is only a greater Semi-tone. See Scatz. DIATRAGACANTH, in Pharmacy, is applied to cer-tain Powders, whereof Gum Adingsmh is the Bate. There

are two Kinds, Cold and Hot.

Powder of Cold Distragacanth is composed of the

Powder of Cold Distringuishers is composed or the Guns Adragamh and Arabic, Liquorice, Starch, white Puppy Seed, and the four great cold Seeds. It is good to thicken, and foften the too flarp, and fubrile ferous Hu-mours talling on the Breath, to affusge Coughs, and pro-

moars falling on the Bressle, to sumage, vocumes Spitzing.
Powder of Har Distragacenth is composed of Gam
Adragands, Comamon, Hytiop, Almonds, Lin-Svel, and
Adragands, Comamon, Hytiop, Almonds, Lin-Svel, and
It is good against Asthma's, to promote Expectation,
It is good against Asthma's, to promote Expectation,
BiAZEUTIC Fonc, in the ancient Greek Marie. was
about Almondered two Fourths, ore on cach other of its

MALEPUTIC YOU, in the ancient Greek Matic, was that which disjoined two Fourth, one on each olde of it, and which being joyed to either, made a Fifth. This, in their Mafie was from Mofe to Therace(f); that is, in ours, from A to B: Supposing Mr to thank in B firth Mi. They allowed to this Disseastic Twee, which is our Le, Mi, the Yes

Proportion of 9 to 8, as being the unalterable Difference of Dispense and Distefferon.

DICHOTOMY, Biffeltion, a Term used by Aftrono-ners for that Phafis, or Appearance of the Moon, where-us the is biffected, or thews just half her Disk, or Circle.

no control of these pair and not soft, or defection of the control of the control

cut in two, of Jie, twice; and Thurs, Through, I cut. DICTAMNUM, Dittany, a Medicinal Plant, much va-lued among the Ancients, and particularly applicated by

It was effected a Specific for Wounds of Arrows, which it drew out with wonderful Eafe, and according to them, only grew in the Hland of Crete, and even only in a lattle oblicare Corner thereof; whence its Appellation Diellanumus Creticus. At prefers we fearce know whether there be any Remains thereof in that Island,

any Remains thereof in that island.

The modern Edinemous, call'd all of White Distancy, or Proximitie, from its Leave, which refearsh that of the Proximitie, from its Leave, which refearsh that of the Harmonian structure, and the contractive is ledged, in shour thereines. In Roce, wherin all its vitrue is ledged, in shour the Namber of Intel Remache; is Comparty divided inten L'hitantis of a Flegger, and infraquetty divided inten L'hitantis of a Flegger, and in frequently divided in the Namber of Intel Remache; is Comparty of the Name in the Contractive of the Name in Flegger, in Stome is about two Foot high, redding the Carway at the Tipe of the Sizes in a Flegger or the Sizes in a Flegger or the Sizes in a Flegger or the Size in its Place or table to Sylving, or Eur. in the Middle of the Place of the Size in the Middle of the Place of the Size in the Name of the Sizes in the Name Flower is a Pitill with five little Pieces wherein the Seed is contained, which is black, finlang, and oval. The Roos is excellent against the Bite of vocomous Beaffs, as also against Worms, the Colick, @c. It must be choice white, both Infice and Ontfice, nor fibrous, and well cleaned. There are feveral chork Kinds of Distancy, beat all of lefs Value: As the Bafard Distancy, whose Leaves are much left in the Wild Distancy, which neither bears Plowers, nor

Fruit. The Arcient have a Tradition, that the wounded Doer first different of the Dilletamus Certification, which being the Traditions Certification, which being the Tradition of the Dilletamus Certification, which was the Tradition of the Dilletamus Certification of the Dilletamus Cer

DICTATE, Distance, in the Schools, a Suggestion, Motion, or Sentiment of a Man's Conference. A good Action becomes evil if done contrary to the Distances of one's own Conference.

DICTATE, Diclats, is likewife used in the Schools for a Leston, or Exercife, wherein the Master reading, or speak-ing fomething, the Scholars take it down in Writing after him. Here the Act of the Master is likewise call'd

BIGTATOR, a Roman Magifirate, created by the Se-nate, or People, on fome extraordinary, and eminent Occa-fion, to command, with foveraign Authority, for a certain Time never exceeding fix Months.

Recourfe was never had to fuch an Officer, but in dan-gerous, and difficult Time; as in fueden Wars, Popular

gerous, and difficult timeng has been while his Diffis-Factions, Er. He had sholute, and Menurchic Power while his Diffis-ter had been will even have it, his Power went was a bad command of Life and Dorsh, without say Appeals bying to the Populs. 14, Axas were been keen him, whereas only 12 before the Conful. See Fascis.

T. Largins Flavins was the first Diffator, appointed in the Year of Rome 255. Sylla was the first perpetual Diffa-tor, and Cofar the next. After Cofar there were no mure and Cefar the next. After Cefar there were no more

Dillerer. The first Distater chote from among the People, was Mercas Ratilins, created in 1990. Discopfins Helicarnaffesst derives the Word et Editoria, the Conference of the People of

agint diffe endinates manet effect.

DICTION. Phrafic, Elocation, or Style of a Writer,

or The Different Phrafic, Elocation, or Style of a Writer,

or The Different of a Trapply, Sr., is that which expedits
the Scutiments. See Startinastry.

The Different of an Oracte Hould be part, proper to the
property of the Startinastry.

The Different of an Oracte Hould be part, proper to
the Startinastry of the Startinastry of the
whether Dyporf, and firthists to the Perina,

and Andersee. The Different of the Effection of Trapply is
and Andersee. is of the least Importance of any; yet mult peculiar Care be taken herein to make every Passion speak its proper Language. See Taaoeny, &c.

DICTIONARY, a Collection, or Catalogue of all the Words of a Language, or an Art, with their Significa-tions; rang'd in Order of Alphabet. See Alphabet. What the Latins, and we after them, call Dictionary, the Greeks call Lexicon. See Lexicon.

For the proper Character, Nature, Office, &c. of a Deltionary, for the Preface to this Work. See also the

Diffusory, for the Perfect to this Work. See also the
Arrich Voca-Statu-Statemering for the Latin Tomoga, are
The mod ancient Distingthed by delensin, School of See
Gerff, Blings of Confinency, the lived about the Vora 1-gost
Another was made in 1450, acill'd Genusse Facchalarum :
And a third in 1-yeo, acill'd Genusse Facchalarum :
And a third in 1-yeo, acill'd Genus Facchalarum :
And a third in 1-yeo, acill'd Genus Facchalarum :
But the modi culchuird one was that of Ambright Califgive, a Hormic of See, Angulym as Hargen, and Sho on its
Count of Califfar. Charlet Cyline's field to have any
conservation with more and Patterns aging this in a good vi-

increased it fill more; and Passeras after him; and yet Marthias Martinus made two Volumes of their Omis-

There is another noted Latin Difficurry of Criffi-nat; To fay nothing of Cowper, Holyoke, Goldman, Littleton, and numerous others of lefs Confideration. Littleton, and numerous others of the Connectation. For the Greek, we have thefe of Harry Stephens, and Scapula: For the Spanish, that of Coverruoiss: For the Italian, that of the Academy delide Griffen: For the French, those of Nicol. Fa. Monet, F. a. Gandin, Trevoux, and that of the French Academy: For the English, when the Country of the Country we have fearer any worth the Mentioning, unlefs perhaps that of Philipps: The we are in Expectation of one from a good Hand, on the Model of that of the French

Academy, June Dillionary, or Alphabet of the Gethic, Junius has a Dillionary, or Alphabet of the Gethic, Russe, and Angle-Saxon. There is another in the Ma-lays Language, which is a dead Language, famous through-out the Eaf Indies, where it flands the flead of the Latin

There are also Historical, and Geographical Diffio-paries, as that of Charles Stephens, which is translated into French, and augmented by Morery: Another of Hoffmann, printed at Balil, in 1677. in two Volumes Folio; which were followed by a Continuation of as many Volumes in 1683. Another of Mr. Bayle, under the Title of Histoin 16.9. Anocher of Mr. Berje, under the Title of High-rice, and Critical Diffinence, primate IR Reservation, 16.97, in two large Volumes. A Philiophical Diffinency of Mr. Chawtin, of Berlin, Law Diffinenties, Philippoine II Diffinenties, 16. Diffinenties

sidanas, difco, I learn.

DIDYMI, the fame with Genelli, or Twins. See GE-

DIEM claufit Extremum, a Writ iffued out of Chan-cry to the Efcheator of the County, upon the Death of any of the King's Tenants in Capter, to caquire by a Jury of what Lands he died feiz'd, and of what Value, and who was the next Heir to him

DIÆRESIS, Sælion, Diffellion, in Chirurgery, an Operation ferving to divide, and feparate the Parts whole Union and Continuity were an Oblacke to the Cure; or which were jupa'd, and conglutinated contrary to the Order of Nature. See Section.

The use four mannen of performing the Dierefte: via. ing., he is apparently mitheken: For both in Gerris, and by criticis. Pricking, Teirris, Dierang, and Brown in the Inferripon he quoen from Genter XXI.b. we have the Conference of the Conferenc

piffort.

DIERESIS, Atalopses, is also used in Medicine for the paring out, or Consuming of the Vesses, or Canals of an animal Body: when, from some cutting, or corroding Cante Animi Body: when, from fome cutting, or corroling Caste-cretist Patiges are made, which naturally ought no save been, or certain natural Patiges are distinct beyond nationary 80 that the Jaices which should have been cal-tained therein, extravatate, or mo over, Blauchard, Dasassas, in Grammar, a Figure whereby a Dis-bong is divided 'into two Sylables. An Asie mo Anial.

See DIPHTHONG.

SE DIRITHORS.

DIRATAN, is also wird in the general for any Division of one Sylable into two, as in that Verif of Tribullar, generation out of displaced Days of Sylaborate and Sylaborate

DIES. Sec DAY.

DIES, in common Lew. There are two Kinds of Deys:
genizies. & Non Guridies.

Bris plenizies. or Fifth, are all Days wherein Julice is
DIES New Sperizies, or Fifth, are all Days wherein Julice is
Fifth State of the State of the Action of the
Vers 1 and in Eafter Term, the Fersi of the Affections of
our Lord y. In Timity Term, the Nativity of St. Tybir the
plightly, in Macheman Term, the State of the State of the All Souls: And in Hillary Term, the Purification of the Riefled Viroin.

The fame Diffinction holds not only as to Legal Pro-ceedings in Court, &c. but also as to Contracts. In some ancient Authors, Dies is also used for daily Pro-

vision. Et reddebat dimidium Diem Mellis, q.d. as much Honey as ferr'd the King's Family haif a Day. Hency as terr'd the King's Family half a Day. Diss detay, is a Day, or Time of Reflete given to the Tenent, or Defendant by the Court. See Departural. DIESIS, in Music, a Division of a Tone, leffer than a Suni-tone; or an Interval confifting of a lefter, or imper-

In Honoy, in cause, see Toxic. In Gardine of a letter, or imperfict Semi-tone. See Toxic.

The Dieft is the finalleft, and federal Change, or lafection of the Voice Insignable. It is also call'd a Frairi,

Artificial Change of the Control of the Control

Artificial Change of the Change of the Control

Artificial Change of the Control

Artificial Change of the Change of the Change

Artificial Change of the Change

Artificial Change of the Change

Artificial Change

Arti See SUMITONE

But in After-times, when the Tone came to be divided into three and four Parts, the Name Dießs was retain'd to them all. And hence those different Accounts we meet withal in Authors, of the Quantity of the Diefis. The Enharmonical Dress is the Difference between a

greater, and leffer Semi-tone. Diefes are divided into three Kinds: The Leffer En "Diff; are divided into three Kinds: The Liffer Entermoter's Diff, or Simple Diffs, denoted by a Engle-Code, ratifie the Note following by two Commais, or about 6 of a Tener. The Convention, or about 6 of the Commais, or about 6 of the Commais, or about 4 Commais, which is the common Diffs: The Greater Entermoted Diffs, denoted by a triple Corfs, ratifies the Note by 6, or Commais, or about 6 of a Tener. Note that the denoted by a triple Corfs, ratifies the Note by 6, or Commais, or about 6 of a Tener. None that the double Diffs is said in Maria of a Tener. Note that the double Diffs is said in Note that the Commais of the Tener. A Flat is frequently used to take away the Deesis, and a Diefis to take away a Flat.

Zulgiter to Igaine Zhen Jater, Father of the Dily. St. Migoffin derives the Name from Zhet, Day 3 and Part. 181, Production, Brigning forth 3 it being Jufferer that 181, Production, Brigning forth 3 it being Jufferer that 181, Production, Brigning forth 5 it being Jufferer the Ogs. Of which Sentiment and Succeeding 3 the former adding, that in the Language of the Ogs. they call \$\text{lim} \text{Language} of the Ogs. they call \$\text{lim} \text{Language} of the Ogs. A constant \$\text{lim} \text{Language} of the Ogs. \$\text{lim} \text{lim} \text{lim} \text{Language} of the Ogs. \$\text{lim} \text{lim} \text{lim

Hearth. Diet is a foversign Remody against all Distrates arising from Repletion. See Disease, Reflexive, &c. Diet is founded on this, that Nature ought not to be facted, and distracted in the Concolling of Food, but left wholly to her Work of displings, and expelling the morbi-

6c Matter. See Foon

fic Matter. See Foon.

The Word is found from the Greek Harra, which fignifies Regimen, or Rule of Life, preferribed by Phylicians
And as the Phylicians ufselly order a farme, founty Modicum, left than is ufselly taking. Dite has paid'd into a
Name for this Retruenchement, or Diminustion of the ordinary Quantity of Food, whether it be by Advise of a Phyfician, or by a Perfusio won Choice; provided it be to remove, or by a rection's own Choice: provided it be to re-move, or prevent fome Diforder.

For the Advantages of a Pare fimile Diet, fee Apart-

more, or species from Diffects.

More of the Complete of the Complete Dist., for Assertance, and Farry of a Jazer Imple Dist., for Assertance, and Farry of a Jazer Imple Dist., for Complete Dist., for Complete Dist., for Complete Dist., for Complete Dist., for Abiliating from Animal Food, and though Liquid Good of the Complete Dist., for Complete Dist., for Abiliating from Animal Food, and through Liquid Complete Dist., for Complete Dist., fo

ing only wife and water. Lygg on Hentis, co.

Dier, or Drer, is also used for an Assembly of the
States, or Circles of the Empire, or Polsné, to deliberare,
and concert Measures for the public Good. See State, PARLIAMENT, &c.
The Diers of the Empire are ordinarily held at Resis-

m. See College, Empire are defining field at Ref. 15.

The General Diet of Poland is by the Laws only to be The General Diet of Poland is by the Laws only to be held every was Vears. But perfing Occasions conven them every Year. The Laws confine their Sitting to 15 Days, but they frequently protract it to fix Weeks. Its ulful Place is at Wirefere, the Capital of the Kingdom 5 tho it has been often held at other Places: In Effect, as by it has been often held at other Places: In Effect, as the Laws every which Elver is to be converted at Gressia, in Edithantia, whenever ite particular Raefonn it is justified, in Edithantia, whenever ite particular Raefonn it is justified to the Caral Deathy and tooften to it. "It is the King faces the Time, and furnmens it by Circular Letters from out all the Palation, In an Interrepum, the Arch-Hillion of Graigm calls the 20ter. The feveral Particular Distri-vible are held for Wietler before the General Chep, Obest, which are held in Wietler before the General Chep, Obest, which are held in Wietler before the General Chep, Obest, which are held in Wietler before the General Chep, Obest, which are held in Wietler before the General Chep, Obest, which are held in Wietler before the General Chep, Obest, which are held in Wietler before the General Chep, Obest, which are held in Wietler before the General Chep, Obest, which are held in Wietler before the General Chep, Obest, which are held in the Chep of the fend three Deputies choic out of the Members thereof Paland there are likewise Diets on Horse-back, held in

Finished three are likewise District on Hord-back, held in the Campings, or Country. Such are notice selective they chard their King. They we call of Definition. District the Provincian Cantons, Diest of the Callothic Camons, and General Diest. The first silenthic at Area, and are convo-led by the Camon of Destrict The Camon is Indexes, control of the Camons, both Provincian and Carbonic States and the Camons, both Provincian and Carbonic States and the Camons, both Provincian and Carbonic States and the Camons, both Provincian and the Deginning of Decembers, and meets at Sadon. "Tis face Camons of Zaroth has the Right of Convening it.

The Word Diet in this Senic comes from Dieta, which originally fignified a Hall, or Banquetting Room; and at length an Affembly of the States, by reason the Germans held moth of their Councils at Table.

DIETA, in our old Law-Books, denotes a Journey, or Days-Journey : Days-Journey: Omnis Rationabilis Dicta constat migrati Miliaribus. Fleta.

DIETFTIC, or Disteties, that Part of Physic, which considers the way of living with Relation to Food, or Diet, fuitable to particular Cafes. See Food, and DIEY. Diet, simulate to particular Cifes. See Poos, and Dirty. DIEU G see Threit, e.d. Get and my Right, the Motor of the Areas of England, fifti given by King Rithelf & to infinite, that he held not his Impire in Null Areas of the Control of the Contr

tho' he commanded the former to be retain'd on the great Seal. 'The fame is to be underflood of the late Queen Scal. The fame is to be understood of the late Queen done, who used the Menter, Songer Ledens which had been before used by Queen Elizabeth field in the Planta DIFFAMATORY, a from whitting intended the fact adults, or different to the control of the control of the control of the control of the control By the Romes Law, and the suchren Coleonances Frinzer, the Makers of signaturery Libert were pushful with Death. So Radiants. Commensations of Logs & with Death. So Radiants. Commensations of Logs &

with Death. See Bulsaint. Commensarius are Egges se Libellis fampointells us, that Cardinal Xincenes was infen-fible to all Differentarry Libels. He found it but reafon-able, to leave Indivious the Liberty of venting their Grief by Writings, which only left while the Perfox is offereded at them, and lofe all their Spirit and Malignity when delpis'd,

DIFFAREATION, among the Romans, a Ceremony whereby the Divorce of their Priefts was folemnized. See

DIVORCE. Diffareation was properly the diffolving of Marriages Differentian was reportly the difficing of Murriagos controlled by Gonferences in which were those of the Pondifice. Pfpin first, it was replicated by the Pondifice of the Pond

SPECIES. STREIM, Body and Spirit are the two Species of Subiliance, which in their likess include fomething more than is included in the lides of Subiliance. In Body, for Instance, is found Impercentibility, and Extentions, in Spirit, a Post of Thinking, and Reafoning. So that the Difference of Body is impreverable Extensions; and the Difference of Spirit's a Cognition. See Distriction.

DIFFERENCE, in Mathematicks, the Excess of one Quantity above another.

This Angle is 60 Degrees, and that 90; Their Difference is 50. See Angle.

CINC 18 30. See Angle, which is subflicted from a greater, what remains is called the Difference. See Substraction. DIFFERENCE of Langitude of two Places, is an Arch of the Equator intercepted between the Meridians of the Place. See Longitude.

Alconfonal DIFFERINCE, in Aftronomy, is an Arch of the Equator comprehended between the Circle of fix a-Clock, and the Horary Circle of the Sun. See Ascess-

DIFFERENCES In Heriddy, are certain Additionants to Cost Armone, whereby foresthing is alter-d, or added to distinguish the synony Families of the state of the s

Annulet, the fifth: The Flower de Lit, the fixth: The Annulet, the feventh: The Flower de Lit, the fixth: The Rofe, the feventh: The Eight fixt, the eighth: And the Graft Moline, the ninth. See each under its proper Article, LABEL, U.

LANK, U.S. Again, as the first Differences are fingle for the Sons of the first House, or Defeart 3 the Sons of the synapser House are differed by combining or puriting the field Differences upon each other. As the first Differences are the Label, Origina, Roc. for the first House's, Differences are the femal House is been depleted in a Crysteau, for first of that House's. For the third Borcher of the fecond House's For the third Borcher of the fecond

Have on Mullet on a Crefent, &c.

The Original of Differences is controverted. Combisen will have them to have begun about the Time of King Richard. Paradia aligns Differences wore as easily as the Year 870. The President Fauches observed Differences to have been hereditary in the French Families before the Time of Louis le Gras, who came to the Crown in the Year 1110. Moreau refers them to the Time of St. Louis z and Lallonette, Belle-forest, Sc. to that of Philip An-engliss. The Occasion of their Rife is well accounted for

All Nations, fays he, prefer the elder Brothers to the younger; whence those, in a direct Line, succeeding their Fathers, and becoming Masters of their Lands, took on them Fathers, and peculiar Michael and Change, or Alexander their Coar Armour, without any Change, or Alexander and transmitted the fame again to their cleek Sons; the founger Brochets, or Bailtards not being allowed to bear the fame Arms, without fome additional Mark, to diffinguish

them from the cider. Hence fome Heralds, he goes on, have endeavour'd to confine them to certain fixed, and do terminate Figuras, for diffingualshing the fectod from the first, the third from the fectod 2 and 60 on to the fixth Adigning the fectod a Label, the third a Bartone, and the fixed to force in the fixed a Bartone, and the fixth a Battone, and the fixth a

or Corri And the Deferments of these to bear double Differ-mess, or Differences charg'd on one another, viz. the eldest

emes, or Difference: charged on one another, who, the cledet Som of the forond Son to retain his patternal Coax, with the Difference of the Label of 3 Points; the forond the Label of 4 Points; the third fluch a Label on a Chief; the South a Label charged with certain Figures, as Engless, Lioncels, Marriers, Croflents, Rofels, &c. And for the farme reason, the second Son of the third Son shall hear a Bordare engrailed, the third a Bordare charged with Be-zants, or Toarteaux, 5°c.

But the fame Author judges the fixing any certain in-variable Differences at all an Abule; by reason they may

happen not to be agreeable to the paternal Coat, but very much deface, and blemish it. He adds, that many other Figures beside those abovementioned, may be used as Difrygare schiefe those abovementioned, may be ufed as Dif-ference; a Ksbells, Bearats, Cinque-foils, and a thould more. Some younger Families have made the Difference in their Arms by only diminishing the Ordinartes, or changing the Podrare; And others by only changing the Metal, or Colour.

It must be added, that the Differences may be of Metal on Metal, or Colour on Colour; which in other Cafes is false

DIFFERENTIAL, Differentiale, in the higher Goo-metry, an infinitely finall Quantity, or a Particle of a Quan-tity fo finall as to be incommensurable thereto, or lefs than

tity is fimall as to be incommenduable thereto, or leis than any affiguides one. See Qu's naviry. Differential Quantity, because in expensive confidered as the Difference of the Quantities, and as fisch is the Foundation of the Difference of the Quantities; and as fisch is the Foundation of the Difference of the Quantities; Six flows Newton, and the English create of a Quantity. See I'x nexton.

Min. Leisure, and others, call it as Infinitefanal. See

INFINITESIMAL. DIFFERENTIAL of the first, Second, &c. Degree. See

DIFFERENTIO-DIFFERENTIAL. DIFFERINTIAL Calculus, or Meshadus, is a Method of differencing Quantities; that is, of finding a differential, or infinitely final Quantity, which taken an infinite Num-

or infinitely immediately, which takes an infinite Number of Times, is equal to a given Quantity.

This Method is one of the facelt, and subtilest in all Mathematicks, Mr. Leibnitz, who claims the Invention thereof to himself, calls it Differentialis Calculus, as considering the infinitely small Quantities found hereby as the Differencer of the Quantities; and accordingly expressing them by the Letter a prefix d: as the differential of x, by dx;

by the Letter 3 profited as the differential of x, by dx y, that of y by dx, who has a better Thit to the Differency, calls the Method of Floridate, as considering the infinitely information the Considering the Infinitely information of the Point of the State of the Point of the Point of the Point of the Point of the State of th and the Method of Fluxion

For the History, Delivine, Ufe, &c. thereof, fee Ferrious.
Differential Differential Calculus, is a Method

DIFFERNITO-DIFFERNITA Calculus, is a Method of differential Differential Quantities. As the Sign of a Differential is the Letter \(\tilde{\pi} \), that of \(\tilde{\pi} \) 2 Differential is the Method \(\tilde{\pi} \) 2 Differential is differential of \(\tilde{\pi} \), and \(\tilde{\pi} \) 2 Differential of \(\tilde{\pi} \), and \(\tilde{\pi} \) 2 Differential of \(\tilde{\pi} \), and \(\tilde{\pi} \) 2 Differential of \(\tilde{\pi} \), and \(\tilde{\pi} \) 2 Differential of \(\tilde{\pi} \) and \(\tilde{\pi} \) 2 Differential of \(\tilde{\pi} \) 3 Differential Operators of \(\tilde{\pi} \) 2 Differential Operators of \(\tilde{\pi} \) 2 Differential Operators of \(\tilde{\pi} \) 2 Differential Operators of \(\tilde{\pi} \) 3 Diffe

an Infaireifiquat of a Differential Quantity of the first Degree 1 and see, a date, each of the plan, the natural policy of the property of the property of the property of the food Digree, and the natural policy of the food Digree, and the natural policy of the food Digree 1 and the property of Differential, as are as efficiently of the food Digree 1 and the property of the prope

DIFFERNIAL, in the Doctrine of Logarithms. Kep-ler calls the Logarithms of Tangents, Differentiales; which we usually call Artificial Tangents. See Loga-BITHM and TANGENT,

MEEDRM. DEFORM, is a Word used in Opposition to Uniform, and dignifies, that there is no manner of Regularity in the Form, or Appearance of a Thing. See Uniformity. The Becaniffs use it as a Diffinction of the Flowers of Phines. See Flowers.

Plants. See Flowers.

DIFFUSE, Diffusive, is chiefly used for a prolix, specious
Manser of Writing, Gr. See PROLIX.

A Diffusionary cannot be too shiftsafive: For a Man is never
no much inform d of the Word he wanted; and he is not oblig'd to read the refl

ingle need the reft.

A Deffired Stoyle is proper for Difficurates in the demonstra-tive Kint. Zimuflemen is tolicy and concile g. Gerrer on the Control of the Control of the Control of the DIFITISION, 2 pages 1-figure, are Difficult on et any Triang. The School-men washe e Kindi of Ziffiffen: The first the wheelsty a prec Quality is defined as at Cale, Foren, Ko., the Control of the Control of the Control of the Control of Degree of the Quality are distributed upon qualificative the Medium: Thus, when a direct Mentine is imperfied on a mortable, all the Pares of the movement receive an equal a moreable, all the Parts of the moreable receive an equal Impetus: And Unequal, when unequal Degrees of the Qua-lity are distributed on different Parts of the Subject; Thus it is, that Force is impress'd on a Lever, and Cold propaga-

thro' a Medium. red theo's Medium.

The fecond Kind of Diffusion is that perform'd by the Motion of Bodies; Such is the Diffusion of Light, Sound, Swell, Magnetick, Electric Virtues, &c.

The third is perform'd partly by the Metion of Corputites,

and partly by the Driftifion of a Quality; and thus they hold Fire to be diffused.

te to be augingen.

For the modern Philosophers reject the Notion of Qua-Birth the modern Philotophers reject the Notion of Casmirate Efficiera, or Particles, into a Kind of Atmosphere all missus Effenciés, or Particles, into a Kind of Antonofphore all secund the Body which Ziffglinds of Corpulicies forme call Attophylericels, as being disposited to be terminated by a Body, in tumo such section graped to be because the state of the state

Phytical Law of the Diffusion of Qualities is laid down. See, also SPRING of Allitury, Armospheria, EFFLUTIA, See, also SPRING of Allitury, Armospheria, EFFLUTIA, See, DIGAMY the time with Ziganay. See Bionay.
DIGASTRICUS, in Anatomy, a Muficie thus call'd, as baving a double Belly; from Ne, Six, twice; and years,

See Muscle. Betty. See Muscle.
It arties fielty from the upper Part of the Processian Massideurs, and defeending, contracts into a round Tenden, which passes thro' the Stilobyoideus, and an annular Ligawhich patter that the State years is a Hyperdes; then it grows fleshy again, and afcends towards the Middle of the Edge of the lower law, where it is inferred. When it ach, it Bifty again, and afcends towards the absolute of the long of the long of the long of the long and where it is inferred. When it acks, it pallets the lower Jaw down, by the Help of an amnair Pully, which alters its Direction.

* DIGEST, a Collection of the Roman Laws, rang'd and degetted under proper Titles, by Order of the Emperor Juffi-

The Prime gave his Classeller Tributionum's Commit-feen for the Purples; who, in Conference throat, choic is faming-like, or Lawren, to work upon the finan. Thefe, secondary, took out the chit, and the Topister from the two thorizons of the matter Tripriligation. The dead them as the Name of Digital. This the Empres street the State of Digital. This the Empres street the Force of a Law, by a Letter at the Head of the West, which ferve it as a Pendice. So of part a conserver. The Digit makes the first Part of the Ramon Law, and the first Volume of the Carriar, or Body of the Civil-Law. That Prince gave his Chancellor Tribonianus a Commis

See Civil-Law.

It was translated into Greek under the fame Emperor, and

tall'd Pandelfa. See PANDECT. call'd Pandelfa. See Panner.

The Method of quoting it is by a double if, on Account of
the Greek Name Gaudelf, which being first abbreviated by
a Efgure of two III ; to abbreviate its yet further, the
Chandlers were joyn'd into one III, which the Latin Copiffs miflook for ff.

mittook for fit.

Chijat flays, that Digoft is a common Name for all Books
diffood in a good Order, and Occosomy: And hence it
st, that Terraliture calls the Geoffeel of St. Lake, Digoft.
DIGESTER, or Digofter, an Artificial Means, or infirmterms, faving to light, or diffood Means out of the Stomach,
by a Way annalogous to that of Animal Digettion.

9 s Way analogous to that of Animal Digellion. Mr. Ließe, in the Philosphe's Transfelf, given us on Artificial Digegler to illufterate the Natural out: It is prepared from Sparit of Suphus, Spairs of Harts-born, the Cryle of the Dog, said its Safrieu. A Piece of Veal, Mutton, Bock, orthe Rise, of the Bigners of a Nat, boning part in a Darsen Brenzus was the Preparation, and fet on a Digetting Ferrance van Hours, deve from the Teleth a piece, that had the Colour and Tathe.

is a West afted in Opposition to Light, of Olyle, and left the Max lept, dry, and infipid. Dichart there is no manner of Regularity in the Henrier prepares a 20/9/10 of Oli of Turperium, mixed in the life in an Difficultion of the Henrier Beauth being way, and the whole comparing, and Camar of Footman, and the William of the Henrier Beauth being way, and the whole comparing from a thirther Plays i Henry, table Australia of the William of the William of the William of the Max is found distributed, and difficulties of the William of the Max is found distributed and the whole comparing from an initial Plays i Henry, table Australia of the William the whole together forms a trackin Pulp; Hence, those Audigeted by fome fuch Mentiruum's. See Digestion.

But the most noted Direfler is Patin's Direfler But the most most Diggler is 9-payers Diggler, the Effect whereof been a more near Refermiblance to the Operation of the Stemach. It is a Sort of Vedfe, wherein March Part of the Stemach and the Stemach and

chies are brought into a Pulp, or Gelly.

The Effect is accounted for from the first Clofure of the The Effect is accounted for from the first? Clotieve of the Engine, which excluding the insurerstion, or Elegan or Air, the Saccriffiens occusion'd by the Expansions, and Octifies, the control of the Company of the Company of the Company and for reliefs the whole into one formingly immogrations Body, and mix the supecson, fallen, oleous, and other Pari-ticles, for freeging typicher, as factor to be feparable; but while bot, to appear one Liqueer, and when odd a Gelly, of a Snength proportionant to the Quantity of Fisch, or Bossa of Snength proportionant to the Quantity of Fisch, or Bossa folgot in the Water.

diffoload in the Water.

This Experiment feems to hold a clofe Analogy with the Operation of the Stomach. For the the Stomach do not enduring difficure, which of through, or for quiet; ye in freedom to the stomach of and memority make with the Liquids of the Drink, and Juices of the Stomach, compose that lackescent Liquor, call'd Chyle, or Chriss. See Cayler.

DIGESTION, in Medicine, callé allé Concettion, that Change et the Food talen in a trè Mouth, which it un-dergoes in the Stannach, in order so affecté d'Autre no cernada or sequit the Lafa et roble Particles, which the Bedy, in its natural State, accettainly undergoes. Dos Conscorrans, professional proposation of the Conscorrans, and the Conscorrans, It includes Chylification, and la incredent by Sangaines, and Marian. See Sansouriex ross, on Metalies, and Marian. See Sansouriex ross, on the State State, and Marian. See Sansouriex ross, on the State Sta DIGESTION, in Medicine, call'd also Concostion,

TION.

The Caufe, Manner, and means of Digestion, have bee infinitely controverted: It would be endleds to enter into a manufery controverted: at would be endels to enter into all the Syfiems, and Hypotheses, that have been fram'd by Phithe Systems, and Hypothesis, that have been firmed by Phil-cohophers, and Physicians, to accome for this important Operation. Some control, that it is done by a kind of Zib-sermen, we believe the control of the Stometh, and the adjacent Parts, the Livra, Sphen, U.S. See BLUXATION. Others, by dermitings and the Stometh of the General Mexicos, which are the Effects of Respiration, rabbil, or ground off the misure Particles from the gother Minters, ground of the misure Particles from the gother Minters,

ground off the misuace Particles from the groffer Matters; and agitating, and driving the reft against cach other, attemated, and difficult them. See Tairvaarion.

Others think the Billions Julie; Others the Spirits, &f.e. chiefly concerned in the Attain.

chiefly concernd in the Affair.

Others will have the Food diffulved by a Moultraum, or Diffulent: But thefe are greatly divided, as to the Nature, and Origin of this Monthernes Soome fuppofing it an Acid, furnish d by the Glands of the Stomach: Others a Nirtherness Sprin, which by penetrating the Main of Food, breals the Commercian Sprin, which by penetrating the Main of Food, breals the Commercian of the most folial Parts; And others, a Saffer Juste, which divide, and ordination the Parts of the See MENSTRUUM

Food. See Measuraum.

Others again suppose Digestion to be performed by means of a Ferment, or Leaven; which, mixing with the Aliment, excites an intestine Motion in the Parts thereof, by whose mutual Fractions, and Collifions, the Parts are attenuated, and

diffulved. See Ferment.

But there, too, differ in their Opinions of this Ferment;
Some taking it to be the Remains of the Food last digs/fed. which by its Continuance in the Stomach, has contracted an which by its Confinence in the Stomach, has corrected an Acid Quality, which confinence in Ferrance - Others than the Ferrance , or Physiciles of Ferranceation to be constited, in the Aliment it fell; which who modeled in the Samunch, and hearted thereby, being par in Molecule, cuttier to its Office of Ferranceation . But there, overlaw, cuttier to its Office of Ferranceation . But there, we are the Air in Total Configuration of the Air in Total Configuration of the Air in Total Configuration of the Stomach : And intilly colors contrad for the California, the Configuration of the Stomach : And intilly colors contrad for the California of the Stomach : And intilly colors contrad for the California of the Stomach : And intilly colors contrad for the California of the Stomach : And intilly colors contrad for the California of the Stomach : And intilly colors contrad for the California of the California

and make that the Forment ferving principally for the Digestion of the Food.

gorous of the 2000.
All thefe Syltems are now reduced to three principal Ones, which we fill find explaind, and defended in the feveral Writings on that Subject: The first holding Digitions to be performed by Permentation; The forced by Pirtuantials, and Aristonation together. The first Opinion was for a long Time the only one.

The fifth Opinion was for a long I me the only one. The Restainces hereto bodd, that the Food, after it is acceived in-to the Stomach, is there impregnated with certain men-fimous Juices, which being affitted by the nanzual Hear of the Stomach, ratife a Fermentation in the Foods, which difflowes, attenuates, and converts them into Chapter. This was the Syltem of the Anticinuty who, thic they only experts themetives in general Parms, as difficient, following, for the property of the Chapter of t

This can be Syltem of the Anderses; who, the 'they exly-crepth shardlers' in general Turns, as ediffering, forming, including, Cocartion, Qualifica, Ce', yet feem to have bad the account of the control of the control of the control of the property of the control of the control of the control of the property of the control of the control of the control of the property of the control of the control of the control of the control of the Pools, either the like manner as the finan-tic of the control of the control of the control of the control of the Pools, either the like manner as the finan-tic of the control of the state of the control of the control of the control of the state of the control of the control of the control of the state of the control of the control of the control of the state of the control of the control of the control of the state of the control of the control of the control of the state of the control of the control of the control of the state of the control of the control of the control of the state of the control of the control of the control of the state of the control of the c

Against this System it is objected by Mr. Hecques, and Againft this System it is collected by Mr. Hoopen, and other, that in every a Hourn there is prepared a Found of other, that in every a Hourn there is prepared a Found of the Particle I and the Particle I and the Particle I and the Particle I glore, a twiching Sairiay a the whole amounting on about a Founda, or 1;824 Gralino of Fernant. Now, fay they, it is allowed by the Copymills, that one Grain of Fernant is fulficient for Eco Grains of Matter to be discussed; confi-ting the Copymills, that one Grain of Fernant is fulficient for Eco Grains of Matter to be discussed; confi-cting the Copymills, that one Grain of Fernant I (2007). Whereas a Man ordinard does not take above of Food: Whereas a Man ordinarily does not take above 4 Pounds in a Day.

4 Pounds in a Day. Now, this, fly they, is an Argument, that Fermentation is not the only, or principal Intention of thefe Juices; fince, if it had, they would have been better proportioned to the Occasion. And, further, it furnishes an Objection, fince fuch a Quantity of falline, mentrous Hamour, having so thits Business or omploy it in fermenting the Food, meet. act on the Stomach, corrode and defiroy the fine Mem-brane it is lined withal, and do other Michiefs.

act on the Stomenh, cornoce and demoys the near Mem-Bert to this it an arthered, I. This, exceeding to Mr. Bure to this it an arthered, a This, exceeding to Mr. Heepert binded, the Facely of formenting only be-nearly to the state of the state of the state of the Heepert binded, the Facely of formenting only be-red to the state of the state of the state of the township of the state of the state of the state of the foundship of the state of t occasions the Sentation or runger. But as tast as they are corroded, they are repair of again by the Nourishment proper to them. The Stomach is sometimes gnawed, and succom-moded by the Manfirmons; but ordinarily it is preferred by a visited Matter, wherewith its inner Coat is lined.

Another Objection against this Dostrine, is, that the Chyle yields no infinimable Spirit; which it thould, were it the Effect of Fermentation: But Monfit. Affrect andwers, that all Fermentations don't produce any fine's Spirit: That of Dough, for Inlatence, afford's mone, nor that of notten Ferlis, now of Acids, or pure Acidal's. The inflatormable Spirit, in Spirit, produce a fine attendant Sulphur, which is not ound in all Fermentations.

The fecous System was invented, or at least tenewed in the present Age; and has been maintain'd with a deal of Zeal, and Vivacity, as is commonly the Cafe in any Thing that has the Appearance of Novelty. Those who esporte that has the Appearance of Novelty. Those who espouse this Opinion, contend, that 'tis a mere continual Attrition, or thin Opinion, cointud, that the a most continual Autrition, or Gendaling, that therein, streamens, and reduces the Food, formaling, that the streamens of the streamens of the streamens of the whittin Solutions, call'd Cilys'rs much as Corn is ground be-treem the States of a Mill. Which Olysion forms to be con-trolled to the stream of the stream of the stream of the testing of the stream of the stream of the stream of the white radius against clean other, and being allitude by intel-tagater Stones, or Grains of Statel dwallow d by the Sixta, when the State is grown frouch, buy call them of with when the State is grown frouch, buy call them of with their other Exercmonns, and fuellow field now.

of, Mr. Heoguer, in his Treatife of Digeftion. Every thing in the Body is Veffel, confequently, every thing therein is hellow. Every thing therein lives, after its Manner; confequently, every thing is in Motion; Animal Life being nohellow. Every thing therein lives, after in Mainney configurably, every that is a Materia, Annual Life feeting some formal life feeting control in the control life feeting contion. Now, the Parts of a Body that are to more, will more

sourch the field Rich where they find the built Relitation. Each

the Place to the hall Rich and the built Relitation of the

the Place of the hall Rich and the built of the relitation of the hall relitation to the help as in the Body are continually somewhat the hall relitation to the first as it is the Fore; and, therefore, all the places are continually because. Now, the follows are constanted by some properties. The hall give a relitation of the hall relitation to the best as in the Fore; and, therefore the Juleas are continually because. Now, the follows are constanted by some properties. The hall give a relitation of the hall relitation to the health of the hall relitation to the hall re makes, and atviced: I are a solvinon energial parameters of Bearing, is a Tristoration's act configurantly, the Juices in the Body are contessally triturated, or ground. The reaction why the comprective Porce flooad be alternative, is, that the Membranes, which compose the Veffels, conflict of two Plans, or Series of Fibres; the one longitudinal, the other circular, cutting the longitudinal at right Angles : The Longicular, cutting the iongruenmin at right Angres: 1 ne Longa-tudinal are tendinous, and Elaftic; the Circular are mulcu-lar, or motive, like Sphinchers, which compress. The Circu-lar are over the Longitudinal, and embace, or gird them round. The former, we have already observed, are Elaftic; round. The homes, we have sureasy undervise, are mann; and their Elaflicity opposes the Compression of the latter.

From this Opposition, or Refishence, arties a reciprocal Action, and Reaction, which is the alternative grinding Force

From this Opposition, or Resilance, anties a reciprocal Action, and Resilance, which is a destructive griding force of a Resilance, and Resilance, which is the alternative griding force of To find the a second for Beyline in Difficulties in that to present the Resilance and Comparison of the Resilance and Res

pp. 101, on the foung of the Equilibrium of Juisia, has demonstrated, that the Force of the Floxer of the Lott Arcelestions of the Thumbs is equit to 1900. Procedure. Whene-Arcelestions of the Thumbs is equit to 1900. Procedure the Company of the Procedure of t which is fulfe

which is falls.

The Patrons of this System compare the Berlin to the Arbor, or Screw of a Prefs, the Hears to a Prifts, the Large to Bellows, the Mouth to a Mill-flowe or Prefs, the Stomach to a Prefs, and the Intellines to a Receiver, or Var. They contend, that Coffeillar, a Physician of Moffans, was the first of the Moderns, who expectify effect the System of Fermenss, and that he was followed by

And the System of Perments, and that he was followed by Fan Helmont, and Willis.

But even the Partifans of Trituration are not perfectly aerord among themfelves: Pitesirn will have it perform'd

Bet erem tiek entlichen er Arithmenen in er preferred big an all Carraction of the Stomash. In we is preferred by a near Carraction of the Stomash and the Hospital plants in the Carraction.

Jeffers, in his Transité, de la Gende de la Dippelijan-gang tiek plants in kepst. It measures four the present the special plants of the Stomash, de f. for voy high. The Connection of the Filters of the Stomash, de comprets the Food, he frees, carrott coach there Ostoccas and the even present the temperature of the Filters of the Stomash, no comprets the Food, he fores, carrott coach there Ostoccas and the even present the temperature of the Filters of the Stomash, no comprets the Food, he fores, carrott coach there Ostoccas and the even present the comprete the Carrotte of the Fores, durit not purise the Proportion where he had afferred of this Fores, durit not purise the Proportion where he had afferred of this Fores, durit not purise the Proportion where his Calrotte van foundary and scounding or which, even the Fores markets, some son gatten the reportful window and Cal-sured be found quarket to 11/85 Permit, and the other 18 ±5/2742 which together mits 5/5/18 Pounds. The 18 ±5/2742 which together mits 5/5/18 Pounds. The which is that, whereby in Melicia draw from the Course to the Chemisteres: the other lateral, wheeley is rish, or its of the former. Now, whit has deeved? Melif-Permit and Hieroper, is, their taking the direct for the intend Pourty and the first the Chemister and Hieroper, is the taking the direct for the lateral Pourty of the Albehman, who the Pourty of in the Medica of the Albehman, who the Pourty of the Albehman is come and plushermen at all, as Fifthe, which edges through their Chile, and others that here only a fingle Numbersure; as first, and others that here only a fingle Numbersure is a first, and others that here only a fingle Numbersure; as

Birds, in whom the Mulcies of the lower Venter are very finall, and fetche, and in a Situation that incapacitates them from acting at all on the Stemach. The Membranes of the Stomach being very foft, and ha-ving only a flender Motion, feem very unds for the Office of a Mill-flowe. This tree, in creatin Fewals the Somach con-filits of a cloft, compatt, fifthy Mulcie exceeding flowing as are break little Stoner, and Birs of the Control of the Con-trol of the Control of the Control of the Control of the Con-trol of the Control of the Control of the Control of the Con-trol of the Control of the Control of the Control of the Con-trol of the Control of the Control of the Control of the Con-trol of the Control of the Control of the Control of the Con-trol of the Control of the Control of the Control of the Con-trol of the Control of the Control of the Control of the Con-trol of the Control and the come, compute, methy shatch exaceling thoses, for any lowest like the control of the con

and the common in a successful the self flow benchmore.

All the mean the self flow benchmore designed by the mean the self flow in the Spitter of Trimeston in the memory and the self flow in the Spitter of Trimeston is from impeditive terriphic, who cannot have a five print, e.g., which yet from the Spitter of Trimeston is from impeditive terriphic, who common hange only to grant, e.g., which yet find no Districtly in gentler more hard, and field Ments, as Beet, and Muttan: Whereas, the Difference of Districture gives a self-control of the self-control of the

5 J. Y. C. While it goes on. The Iren, Noulder, Plan, Er. founctions found undifficient in the Convents, are no Objection to the town of the Convents of th aucmorane, make but little Alteration in the Aliment, for Want of a Ferment, or Menfrance; So that it returns to be chew'd again; and only becomes well digefted in the fourth Stomach, whither a Diffolvent is pour'd from a conglome-

rate Glinds.
The Partislan of the shird Opinion allow it incontelluble, that there are Acids in the Stomack, which mix with the process, and six on time, and hold likewife, disk holds of the Sytole, and Dishole in the Fiftens: They add, that the Acid produce a Fermenstation is and the Okillatory Motion of the Vifens a Trinstation; and that these Displication in the Fiftens a Trinstation; and the time at the size Climate of the Vifens a Trinstation; and Trinstation at the size Climate.

Vigera a Trientaria, 'and that thus Digigitus is the Effect of Permonations, and Trientaria as the Time Time.

We have a superior of the Permonation of the Permonati

the Stunish, there is lement as Development in the Stunish, there is collected, and the Stunish and the section of the Stunish and the section of the Stunish is a lemma, and has the finne Erick on the Aliman, that Lawre, or firm no Park. . By the Hear of the Stunish Figures of the Albertic on Food, as the Daughill his end material table the Compellion of the Compellion of Heart of the Stunish and the Compellion of the Machine of the Albertica, By the Edge within the repeated Compellion Stunish and the Stu

Ventracle of the Heart.

The Chyle thus mixing with the Blood, embaraffes the
Globules thereof, and thus abates its Motion: And hence
that Inclination to go to fiftee pater Meals. But, by Degrees,
the Blood communicates its Motion to the Chyle; and by its
volatile, and created Parts, together with the Saline and

the Relleas, to velicite the Mafele tenerof, and differ for to retax, and that to apprice Nature of a Norollity to difference See Executive Hine Even the Blood, may be elimined a Pierr of period Diegrams, the Delign of fluck Separation licing to reader the Blood more pure and believe the Company of the Separation licing to reader the Blood more pure and believe the Company of the Separation licing the reader the Host more pure and believe the Company of the Separation licing the Pierr of the Separation Pierr of the Pierr of the Separation Pierr of the Pierr of ornic, is directinged usade more versus unto Tabes, which ioyning into a Kind of Pyramids, yield their Humour into the Pelvis, whence it runs through the Ureters into the Bladder. See URINE.

side Spitzit, whence it riess through the Urener into the Biolofe. See Uncelling, its Prayagation of Hissan, M.D. Dienstreen, in Chymrolly, its Prayagation of Hissan, M.D. Dienstreen, in Chymrolly in Prayagation of Hissan, M.D. Dienstreen, and the Hissan of Hissan of Prayagation, and the Hissan of an Asimal Body. See Frax. 1997, the Hissan of an Asimal Body. See Frax. 1997, the Hissan of an Asimal Body. See Frax. 1997, and a transmitter than the Hissan of Hissan bringing a Mixture of Salt of Tartar, and Oil of Tarpetine, feveral Days Journey with him in a Couch to London, found it had undergone a more intimate Mixion, than if it had been exposed to a long Digestion.

exputed to a song Loggeston.

Disception is ordinarily confounded with Maceration; but the two Things differ, in that there is Heat required to Diggilion; whereas Maceration is done in the Cold. See Ma-

CERATION.

Digglies is afaully perform'd with the Addition of fome
Month runs fuitable to the Matter: Thus, Rofes and Popjet Hands are put to Mogif in Oll, or Water, to make Unpoents, or Syrups; Chicined Lead, and Grufa, are digglied
in diffild Vingory, to make the Riggliety thereof, or inc difScatteria. Hence Dr., Sprincy defines Digglies on the MaStation of Books, made by Manghramat, with the Additions

To conceive the Nature of Chymical Digeftion, it may be To conceive the Nature of Chymical 200 group, I may us necessary to shew, how the Particles of Bodies can by this Process be distinded every Way, and sustained in the Membrussm; which deferres the more to be accounted for, because those follow Particles have not the fame special Cravity, cause the Liquores have in which they swim. The 'the Nature as the Liquores have in which they swim. symmetry, wheth enteres the more to be accounted for, because held field Particles have not the cause the case that can be a second for the profession when the profession of a pricilly field by the profession of a pricilly field by the part in finaled land for the profession of a pricilly field by the part in finaled land field from the profession of t which are to be feparated, or to the Surface of the Body, which we would have move in the Fluid. Hence it is, that which we would have more to the Fluid. Hence it is, that fine the Surface of a Body may be charged, without alter-ing my Thomes. The control of the property of the control of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the con-trol

Though of the Find! So that at length the Radiffurding th sman the Particles will meet with in their Debtons, will be equal to their Gowinty, for firm their Weighli is $\frac{1}{1}y_0$, be their Sorfice $\frac{1}{1}y_0$, the Grevity will be to the Refilience $\frac{1}{1}y_0$ to $\frac{1}{1}y_0$. Goggether, and the similar of the refined their control of their control

care and if the contract of the Strongth of the Ligher, it will not fall of frequire in Chemnel.

DELEVATION, in Character, in applied in Impollment, or DELEVATION, in Character, in applied in the Strongth of the Strongth

The Greek; call it orandeuss. The Matter of the Discase for as disposed, as to become next a-kin to falubrious, or healthy Matter, is faid to be refolved. See CRUDITY, and

DIGESTIVE. The ancient Philosophers admitted a Di-positive Faculty, or Quality in the Body; as not knowing now otherwise to account for the Act of Digestion. See Fa-CULTY, and DIGESTION.

DIRECTOR is also used in Medicine for such Remedies as strengthen, and increase the Tone of the Stomach, and assess in the Digestion of Foods. To this Class belong all Stofish in the Digestion of Foods. machicks, and Strengtheners, or Corroborants.

CHIC, and STRENGTHENER.

CHIC, and STRENGTHENER,
DIGESTATE, in Chiurgery, is a Sert of Unguent, Platter,
or the like, that ripers, and prepares the Matter of Wounds, Se.
for Supportation. It is usually composed of Turpentine, Yolk
of Eggs, Oil of Hypericans, Unguentum Suphlesons, and
Tinchare of Alocs. The Wound must be derived the first Tinceture of Alocs. The Wound must be dreft Day with a Digostree, to bring it to Suppuration.

DIGHTATED, among Botanift, is applied to the Leaf of a Plant, which is either composed of many simple Leaves fet together upon one Foot-Stalk, as in the Cinque-foil, Vec-ches, 5% or cells when there are many deep Gaithes, or Caus in the Leaf, as in thost of Straw-herries, Hops, 5%. See LEAF.

DIGIT, Digitus, in Anatomy. See FINGER.
Digits, in Affronomy, is the Measure whereby we effi-

Distr., in Attronomy, is the Austiare whereby we eti-mate Eclipfes; amounting to the 1sth Part of the Diameter of the Laminary eclipfed. The Diameter of the Body, or Dift of the Sun, or Moon, is divided into 1: Parts, call'd 'Digits'; and an Eclips' is faid to be of ten Digits, when ten of these Parts are hid.

See Ectarse.
These Digits, Wolfins, and fome others, call Digits E-lehtici.

Diory, in Arithmetick, fignifies any Integer under Ten, is 1, 5, 3, 4, 5, 6, 7, 8, 9. See Units. Diory, is also a Measure taken from the Breadth of the

Finger.

A Digit is properly 3 Fourths of an Inch, and contains 4 Grains of Barley, laid breadth-wife fo as to touch each other. Sec MEASURE.

DIGLYPH, a Kind of imperfect Triglyph, confole, or the like, with only two Channels, or Engravings. See Tax-

DIGNITARY, in the Canon Law, and particularly in DIGNITARY, in the Canon Law, and particularly in Chapters, a Perfon who holds a Dignity, that is, a Benefice, which gives him Pre-emininene in the Choir above mere Prick, which gives him Pre-emininene in the Choir above mere prick the distribution. Such is a Dean, and Arab-dectors; the twenty word

sized is also abusively applied to a mere Prehend or Cases.

Beguite's are fomentimes fimple, fornetimes with Care of Beguite's and fometimes with furtidition and Administration of fored Things. The Canonilis even define Digiting. Administration for Digiting the Digiting and Parificial Constraints, or Exterior Jurisdition, via a famile Parificial Contentions, or Exterior Jurisdition, via a famile Parificial, in including Phendral, Cambider reckens in Old Digitals, including Phendral, Cambider reckens in

imple Parspange, and only gives Pre-eminance.

of Dignities, including Prehends, Cambden reckens in
England 444 in Number.

DiHELIOS, in the Elliptical Aftronomy, a Name Kepler
gives to that Ordinate of the Elliptis, which pattis through
the Fouri, wherein the Sun in spappide to be placed. See Berres

DIJAMBUS, a Foot of Latin Verfe, of four Syl-lables; compounded of two Jambies; fo that the first and last are short, and the two middle long. See Jam-

DIKE, or Dam, a Work of Stone, Timber, or Fastines, Tiles are usually Flevarium of Farth, with Hurdles of

Dikes are usually Energitudes of Earth, with Hurness of Stakes, Stones, and other Matters. The Dike of Rockel is made with Veffels fathen'd to the Parton. The Dikes of Holland are frequently broke thro. and drown large Tracks of Land.

and drown large Tracts of Land.

The Word counce from the Flemish Dyk, a Heap of Earth
to bound, or stem the Water. Salmasias, and Memoge take
them to have befrowed the Word from the Greek release. Guichard derives it from the Hebrew Daghah;

Ginegara genives it from the Hebrew Ziagnah: DILAPIDATION, is a waitful Deliroying, or letting Buildings run to Ruin, and Decay, for Want of peceffary Re-

Bulklings run to Ruits, and Decay, for Want of recellar Re-paration: 17 £16.0 £6.1: 13.

The Money recovered for 20 £16.2 £16

See Expansion. The Generality of our Authors confound Diletation with

The Generality of our Authors confused Dilatation with Engrédition, but home accounts, offencilly the Fortigons, diffinguilli, between them, a chimica Dilatation to be the Engration of a Body into a puter label, by in some higher forces: The Company of the Company of the Company of the Fortigon of the Company of the Com

compreffed.

Again, Bodies, in dilating by their Elastic Power, exert a

Again, Bedies, in dilating by their Elalic Power, exert a greater Force at the Beginning of their Delatation, than towards the Eled 3 as being at first more compressed, and together the Compression, the greater the Compression, the greater the Elastic Power, and todavour to distate. So that these three, the Compression, the Grower, and and the Elalist Power, and always Power, the Compression, and the Elastic Power, are always to the Compression of the Elastic Power, are always to the Compression of the Elastic Power, are always to the Compression of the Elastic Power, are always to the Compression of the Elastic Power, are always to the Elastic Power, are always to the Elastic Power, are always the Elastic Power are always the Elas

Fonce, the Compeditor, and the Editor Power, are always and See Extrate whereby compedied Bodies reflore for the Compeditor of the Compeditor of the Compeditor of the Compeditor (see I and I a an Arrow that from a Bow, does not quit the String, till after that be perfectly reflored to its Natural State, Not does the that be perfectly reflered to its Natural State; Not of does the Arrow more a whit fivifier than the String; And if the String, I etc it have perfectly reflored it felf to its right Line, be theyed, the Arrow will not go its full Length: Which is a Proof, rhat it is continually acquiring a new Impera-from the String. And fince Projects at the Beginning of their Motion, are little, or nothing retarded, but stather accelerance, it is evident, that the Motion of a String restoring it felf, 1818 evident, that the Motico of a String restoring it felt, is Blewife accelerated. Indeed it may happen, that where Compression is only partial, the Motion of Dilatation Bill not be accelerated, but returned. As is evident in the Compression of a Spunge, fost Bread, Gawze, Sc.

Compension of a Spunge, the Indeas, Graws, Gr.
DILATORES Ale Nolfs, in Anatomy, a Prisr of Muf-cles common to the Ale Nolfs, and Upper Lip. So Musertz.
They arife thin, broad, and leftly, from the Check-bones
under the Orbits of the Eyes, and defected obliquely with a
worlded Order of felhy Fibres in each Matice, which parely
terminate in the Upper Lip, and parely in the Ale Nolfs.
They draw the Ale from each whore, and which the Eve

Incy draw the Alse from each other, and when the Ex-ternal Openings of the Nutfiths.

DILEMMA, in Logic, an Argumens confifting of four or more Propositions, to difford, that grant which you will of them, you will be prefix by the Conclusion. See Syllso-

Or Dilemma is an Argument confifting of two contrary arts, or Sides, either of which catches the Advertary, and hence it is also call'd Svillegismus commun, a horned And hence it is an can a seconymus cormens, a horsed Syllogifm, its Horns being to dispoted, that if you avoid

Syllegini, in Horns being for Syllend, occurrer, a barred by legislation, in Horns being for Syllend being a read to care, year nu growth or clott. It is all or call'd Crocollines, by rea'on, that as the Coccolline leads find a follow it, in the Will, and particular control of the state of

one, and sever: Si sever, jacine jeresur, or visionally rice brevis futurus eft.

The fame Cicero, by another Dilemma, proves, that of Messengers shall be sent to Authory: Logatos decer-

and vacuously stall be tent to Authory: Legato secu-urit; S are deprecenture, contenues: S at Insper-tis, man audies. Nor must we here omit that beaut-ful Disemma of Versulism, whereby he clears the Chitilians, and acceles Vreien, who had forbad the feeding them one, and yet crefted them to be punifted, when found: O Sm-and yet crefted them to be punifted, when found: O Smat deprecentur, and yet ceder'd them to be panish'd, when found: O Sen-tentiam Nocessian consistent Navas inquirendos, in In-mocentes; E mandas paniendos, in Nocentes; Partis of Se-vit, alssaudes of animalizatis. Parti senerifymo Censpra-circum centi? Si dannes, car new Sinquiris? Si new inquiris, car new S absolut;?

inspairit, cor non S abjeloi: For a Tileman to be kejtimate, there are two Things required: 1. A full Enumeration of Parss: Thus that of Artilippus abovementioned, whereby he diffusedes from Maringe, is invalid, as being defective in the Founceation; there being a middle Degree, or Form between handfown

stelly, in whitel, all being activity on me breum-assignation and engly.

2. That the Difference per in the Advertiry above, and methy.

3. That the Difference per in the Advertiry above, and retrieved upon him. This was the Critic in that reclaimed are then. This was the Critic in that reclaimed are the Suphial-Proaggers, which the Antogarter, and beam Difference of the Suphial-Proaggers, which the Antogarter, to beam Difference Describes, the thing the Difference of the Suphial-Proaggers, the the Broadle pay to be the Difference of the Suphial-Proaggers, the Suphial-Proaggers in the Difference of the Suphial-Proaggers in the Could pay to Critic in the Could pay to the Suphial-Proaggers in the Could pay to the Suphial-Proaggers in the Could pay the Suphial-Proaggers in the Suphial-Proaggers i

After the like Manner, an ancient Priestel distunding her Son from Harangaing the People, by this Dillimms: Nam si mights finastric, says she, kabebis Deor instance: Sin vero justs, Ireas habebis towners: The Youth thus returned the Dillemma on his Mother; June, says enpedis ad Populum Verba facere, nam si justa sinero The Word Dilemma is farm'd from the Greek Jie, bis,

aice, and sinusa. Sumptio.

DILUTE. To dilute a Body, is to render it liquid; or, if were liquid before, to render it more so, by the Addition

it were liquid before, to render it more so, by the Addition of a thinger thereto.

Those Things thus added, are call'd Diluents, or Dilutters; fach are common Wheys, Prifans, and Juleps, which in refpect of the Blood in a State of Visiolity are thinner,

in edjectl of the Blood in a State of Vickity are thinney and therefore are fail on this, or shipter into Pick. On the analysis of the state of the control of the state of th Link, Sunrace, and Solin.

Link, Sunrace, and Solin.

Dimension, is perficularly used with regard to the
Powers of the unknown Quantity of an Equation, which are

Potents of the unknown Quantity of an Equation, when are call'd the Dimensifiest of the Quantities.

Thus in a fimple Equation, the unknown Quantity is only of one Dimension, as x=b+b.r. In a quadradic Equation it is of rew Dimension, as x*=a*+b*. In a Cubic, of three, as x*=a*+b*. Rec. See Equation, Power, &c. 2011MINISH'D Column, in Architecture. See Column,

and DIMINUTION. DIMINISH'D Interest, in Music, is a defective Interval, or an Interval which is short of its just Quantity by a lefter Semi-tene, See INTERVAL, and SEMI-TONE.

A siminife'd Interval is mark'd with a flat, or a double

DIMINUTION, in Rhetoric, is the Augmenting, and Ex-aggregating what you have to far, by an Experdice that An fee Indiance, when a Min fays with a certain Tooc, This Women is not tagly a meaning, fite is very handform. Some Author take Distinution in a fiftick Senfe, vie. for faying left than a Man really means, as: Ton are use inteled to be commented; where a greater Reposch is fecretly meant.

terreity meant.

DIMINUTION, in Mufic, is when there are a Number of Words, which are to make Tones and feveral quick Motiens in the Space of a Cadence; feveral Quavers, and Semi-quavers, corresponding to a Crechet, or Minim.

DIMINUTIONS, in Heraldry, a Term undel by the Latins for what we more usually call Differences, and the

tin fie what we mee ufuslly call Deferences, and the French Brijers. See Diperanances in Distances on the Distances on the Distances on the Controlling of the Distances on the Controlling of the Controll

The Diminution generally commences from one Third of the Height of the Column. Some make it begin from the the Height of the Column. Some make it begin from the very Baffs, and hold tapering to the Capital; but this has not to good an Effect. Virtuoiss would have the Diminu-traton of Columns differ according to their Height, and not according to their Diameter. Thus, a Column 15 Foot high, the diminisfers a facth Part of its Diameter, and another of so, Foot, only an 8th Part; but we don't find this Rule conferred

in the Antique.

The Difference of Orders, Mr. Perrault observes, does not liner a Difference of Dissipation; there being finall and great Dissipations in different Works of the same Order: great Liminations in different Works of the fame Order: Excepting, however, the Toftan, which Virranian diminifiles by a 4th Part; the Vignals only makes it a 5th, and the Treisar Column a 9th. The Diminutions are very different-ly adjusted in the different antique Baildings, as well as in the different modern Authors.

DIMINUTIVE, in Grammar, a Word form'd from fome other, to foften, or densinife the Force, and Effect thereof: Or, to fignify a Thing that is little in its Kind. Thus Bullock is a Diminutive of Bull; Cellule of

Cell. The Italians abound in Diminutions; Every Author being at Liberty to make as many as he please. The French are a good deal more referved in that respect; the their old Authors were every whit as Ecentious as the Italians,

old Authors were every wait as necessors as the Hastons, whitels Belleau, &c.

In English we have very few, not that our Language is hard, and incapable of the forfett Experditions, but by rea-from we lay all our Tenderness in our Sentiments: Or rather, our Language is tender like a Person of Distretion, who always speaks Sente, even in speaking of his Pathon.

ways fight's Senfe, even is fpeaking of his Putifics.

In Azini, Intaine, Epolity, and mother Prospect, Distinctive are form of from Primitives, by the Addition of a contractive and the Primitive, formation of the Primitive, formation of the Primitive, formations the financiane floater than the Primitive, formations that financiane floater than the Primitive, formations to the Primitive, formation call at least 4 dimensione Conjunction, DIMISSOR Litters, Dimiligible Litters, in the Camer Low, a Extra given by a Billing to a Candidate for help other than the Primitive Conjunction, and the Primitive Conjunction of the Primitive Conference of the Primitive Conference on the Primitive Conference o

When a Person produces Letters of Ordination, or Ton-fure conferr'd by any other than his own Diocefan, he must

fanc confired by any other han his own Discotine, he made as the fame Time produce the Letter Similifyer given by his own Bildon, on Pain of Nullsy.

By this own Bildon, on Pain of Nullsy, but yet Chapter Side contents; This being domith in All of voluntary Justice Month of the Contents of the Content

DINNER, the great Meal, or that taken about the Middle of the Day. See Meal.

Monks are field to dies at eleven o' Clock, the common People about 12, and the Men of Bufinets about. The Great Terror, Empero of Clicks, after he has direct, makes Publication by his Heralds, that he gives Leave to all the

Publication by his steraios, that he gives Leave to all the other Kings and Potentairs of the Earth, to go to Dimner; as if they waited for his Leave. The Word is form'd from the French Difner, which do Cange derives from the harberous Latin difners. Henry Suppleme derives it from the Greek Asievan; and will have

Stephens derives it from the Greek Stierus; and will have it wrote Dipare. Menage deduces it from definare, utcle for definare, as the Basinus till I fpeak it. In the general, 'tis agreed to be the most faburary, to make a spare Supper, and to eat the more plentifully at Dis-ser; especially to tender, valendinary People. This is the Semiment of the Schola Salerustana:

Ex magna Cana Stomacho fit maxima Pana: Ut fis Notle levis, fit tibi Cana brevis.

Tet Bernardinus Pasternus, an eminent Italian Phylician, maintains the contrary in a Treatile expects. See Foon. The Reassess, we are affur'd, never minded Dimer; but defart'd their good Cheer to the Evening, which they made their grand Meal. Desire.

DIOCESE, the Circuit, or Extent of the Jurisdiction of a ishop, or Arch-Bishop. See Bishop.

Discess is also used in ancient Authors, &c. for the Pro-

ince of a Metropolitan. See PROVINCE, and METROPO-LITAN.

The Word is form'd from the Gresk Assistant, Govern-Gloffaries render administro, moderor, ordino ; Hence Appirases the russes, the Administration, or Government of a City.

Asslanses, Diacefis, was originally a Civil Government, or Prefecture composed of divers Provinces. The first Division of the Empire into Diocefes is ordinarily ascribed to Constanof the Parsian into Misselfe is confinently activable to Confiden-ted the Parsian into Misselfe is confinently activable to Confiden-ted the Confident in the Confident in the Confident in Strong, who were mader Thirring, taken, who can the Miss-gorial, who were mader Thirring, taken, Sovice Life Miss Strong and Confident in the American Compilists of the Confident in the American complains of the Confident in the American Confident in Compilists of the Confident in the American Confident compilists of the Confident in the American Confident compilists of the Confident in the American Confident compilists of the Confident in the Confident in the Justice of the Confident in the Confident in Confident varial Misrophica, and Convenience in the Confident Confident confident in time; who diffributed the whole Roman State into four.

each Discoff of the Empire and a Contal, who remost un-the principal City of the Diffrich.

On this Civil Conditution, the Ecclefiaftical one was afterwards regulated: Each Discofe had an Ecclefiaftical Vicar or Primare, who judg'd finally of all the Concerns of the Church within his Terricory. See Eccressissical.

the Church within his letricity. See ECCESSIASTICAL
At prefent there is some further Alteration: For Diocess not now figurity an Affemblage of divers Provinces; but is limited to a single Province under a Mevinces; but is limitted to a ingle Province under a Me-tropolitan, or even to the ingle Juridichion of a Bithop, Gat. Brits affirms Discogle to be properly the Territory, and Extent of a Baptifinal, or Parochial Church; whence divers Authors utile the Word to fignific a fimple Parilli. See PARISH.

DIOCLETIAN Epochs. See Epocha. DIONYSIAN Period. See Period.

DIONYSIACA, Feath held among the Ancients, in Ho our of Bacchus, on the third Day of September. Se FEASY.

The Latins call'd them Liberelia, and the Feast of Vin-tages, by reason Bacchus, Liber in the Heathen System is reputed the God of Wine; see Varro Lib. 5. See Libe-

The Word is form'd from the Greek Jurioua, of Aurious, The tweet's form at one the Green street, of Indiverse, Bacchest's and that of Asia, the Genitive of Zeit, Jupiter, and Nije, a City in Egypt on the Frontiers of Arabia, where Bacchest's is faid to have been educated by the Nymphs.

Others derive Anusciss from Du, and Dy, Lord; and Nije, put by Metathelis, or Tyanipolition, for Sins's, So.

that, according to Taetaes, Accordence figuifies no mo

ment ai deit Nieras, Ivad and King of Nyffe.

DIOTER or Dioptra, in the Witten of Altamomy, in

economic value of the Holes pieced in the Philicular, or

Sighn of an Alidaded. See Strum: Instrument with the

DIOTER of the Sight of the Holes pieced in the Philicular, or

Sighn of an Alidaded. See Strum: Instrument with

DIOTER of the Sight of

allo finalettiicki. Sec Vistos.

"gispricki is properly the third Branch of Opticks 3 ltt
Office being to confider, and explain the Efficht of Light refielded by paffing through different Addismits, as Air, Water,
Giafi, Ex. and effectially Len't. Sec Ovyreas.
The Word Dispricki is originally Greek, being Kem'd of
Pal, per, through, and definate, I fee 3 whence hier years
should be to fee through any Thing.

finoid be to fee through any Toing.

The Lewis of Dioptricks, fee deliver'd under the Articles
Refraction, Lens, Ee. and the Application thereof,
is the Confrodline of Telegopes, Micrographs, and other
Bioptrical Informment, under the Articles Trilscore,
Microstore, Ee.

DIPHRYGES, in Pharmacy, the Scoria, Sediment, or Calx of melted Copper gather'd in the Furnace, when the Meral is run out. See Scoria.

Metal is run out. See Scoria. Disjouriset makes three Kinds of Disporges: One call'd Natural, the made of a Kind of Clay, or Bole dried in the Sun: That made of Marcasifier, or Pyrins burn't, and that of the Faces of Copper. See Corpea. It is moderately tharp, and altringent, and is reputed good

for I'llerrs that cicatria the Word is furm'd from the Greek Are. swice, and

splying, for rouff.
DIFLOE, in finatemy, a fposgy, medullary Subfrace, figurating the two Tables of the Learnam, and ongether with term continuously the Saill. See Castrasa.

See the Subfrace of the Subfrace of the Castrasa of the Subfrace of the Subfrac

DIPLOMA, an Infrument given by fome Colleges, and Societies, on Commencement to any Degrees, or paining Exa-mination, as a Proof of Qualification for any Advancement or Power

to Title, or Power.

DIPPING Powerle, or Inclinatory-Needle, a Magnetical
Needle to hung as that infread of playing horizontally and

Needie, fo hung, as that infitted of playing horizontally, and promiting out North and South, one End digt, et ricelines to the Horizon, and the other binas to a certain Degree of the Horizon, and the other binas to a certain Degree of Or, a 20/jept, seeked as up the defined with Mr. Whigher, to be a long, flaight Piece of South, frequefected of 24s. Nani-gatine Fig. 11; over you as quality point on in Centre, and attenuated stocks it with a Lond-lines, but for centrally, as friends Needle, bott foreign in a Vertical Plane, about an Axis parallel to the Horizon: And this in Order to defin-vation of the Company of the Piece of the Pieces of Magnetium. See MAGNETISM.

Massarasia.

Massarasia.

The Inventor of the Dipping-Noelle, Mr. Wrights offere, was, without all Quellion, as Englishman, Robert Norman by Name, Compilamenter and Piping, Boeslein, Norman by Name, Compilamenter and Piping, Boeslein, and Compilamenter and Piping, Boeslein, and Compilamenter and other Winters of the Time. The Oracline of the Diping of the Diping of the Diping of the Compilar, before the model of the Compilar, before the model of the Compilar, before the Touch, the North-Point would bend, er decline downward, some the North-Point would bend, er decline downward, when the North-Point would bend, er decline downward, some the North-Point would bend, er decline downward, when the North-Point would bend, er decline downward, which was the North-Point would bend, er decline downward, and the North-Point would bend, er decline downward, which was the North-Point would bend, er decline downward, which was the North-Point would bend, er decline downward, which was the North-Point would bend, even of Warn on the South End. as a Counter-point.

The Confinct of the Edich feld have at Length to order. The Confinct of the Edich feld have a straight to obtain the North-Point would make with the Herron.

This is the Tarray pie Boomad Angle with the North-Point would make with the Herron.

This in the Year 1576 be found at London to be 71° 50 But the Dip varies as well as the Hornoctal Direction; and

But the 2D₂ varies as well as the Horizontal Direction; and its now found, as the finer Parts, to be 1 yet "and the supply of the parts of the 2D₂, we the finding of the Landmar and the laft Author, paging further, likewise proposed the chained and the laft Author, paging further, likewise proposed the chained and the laft Author, paging further, when the found of Olderss-Duries and the laft Author, and the off the further Olderssian of Co. Physicaleum, Dr. Helley, Mr. Pranck, Mr. Camitzy-Virolley and Co. Physical Parts of the Physi

In Order to this, he observes, I. That the true Tendency of the North, or South End of every Magnetic Needle is not to that Point in the Horizon to which the Horizontal Needle to that Point in the Fronton to which the Horizontal Needle points, but towards another directly under it in the fame Ver-tical: and in different Degrees under it, in different

heady, and in different Degrees under it, in different Ages, and an different Plant and an different Plant and an different Plant and an different Plant and an Artiferent Plant in mortal, which floudst reacher that Degrees are the mortal, which floudst reacher that Degrees are the mortal and an artiferent plant and artiferent plant artiferent plant and artiferent plant and artiferent plant artiferent plant and artiferent plant artiferent plant artiferent plant and artiferent plant arti

phical Miles; i. e. supposing that Distance taken along, near a Meridian. And a Needle of 4 Foot, in two or the

Miles.

IV. A Dipping-Needle 4 Foot long, in thefe Parts of the
World, will thew an equal Alteration along a Parallel; As
ene of a Foot long will thew along a Meridian, i.e. that
will with equal Exachost flow the Longitude, as that the
will with equal Exachost flow the Longitude, as that the

This depends on the Polition of the Lines of equal Dip, in these Parts of the World, which are found to lye about 14 or 15 Degrees from the Parallels.

as these invested in the World, which are found to by about the fitting better than the case of the fitting better the fitting better the fitting better the fitting better than the fitting better th a Quarter of a Degree.

Thus much premis'd, the Observation it felf follows. To find the Longitude, or Latitude by the DIPPING-

Needs:

If the Lines of equal Dip below the Horizon be drawn on Maps, or Sea-Charts, from good Obfervations, it will be cefly from the Longitude known to find the Latitude; and from the Latitude known to find the Longitude, either at es or Lond

ocs, or Land.
Suppofe, e.gr. you were travelling, or failing along the
Meridian of Loudon, and found the Angle of Dip, with a
Needle of one Foot to be 75°3, the Chart will thew, that
this Meridian, and the Line of Dip meet in the Latitude of ee" 11' which, therefore, is the Latitude feught. See L.A.

TITUE.

Or, suppofe you were travelling, or failing along the Parallel of Lundon, i.e. in 51° 34° North Latitude, and you find
the Angle of Dip to be 74°. This Parallel, and the Line
of this Dip will meet in the Map in 1° 46° of East Longitude from Lundon; which is, therefore, the Longitude
fought. See Lowertyme.

DIPTERE, or DIPTERON, in the ancient Architecture, Temple furrounded with two Rows of Columns, which om a Sort of Portico's, call'd Wings, or Ifies. See Temple. The Word is Greek, form'd from Jis, twice, and grier.

DIPTHONG, in Grammar, a double Vowel, or the Union or Mixture of two Vowels pronounced together, fo as only to make one Syllable, as the Latin 16, or 16, or, or 27; the Greek 11, the English 21, 321, 8cc. See Vowel, and Syllable.

sa, the English es, es, &c. See Vower, and Syllaura.

The Lettin pronounced the two Vowels in their Distributions as we do; with this Exception, that the two were not heard equally, but the one was somewhat waker than the other, the the Division was made with all the Dethan the other, the liency imaginable. liency imaginable.

Among us, most of the Latin Difference are lost in the Promunciation: Their e and a are only ipoke as e's; So also the English ea, ea, Sc. the' wrote with two Character, are pronounced as fimple Sounds.

In English, French, and divers other Languages, one may diffinguish Dipthongs with regard to the Eyes, from Dipthongs with regard to the Esrs.

though with regard to the Ers.

A Dipletony with regard to the Eye, is form'd of two

A Dipletony with regard to the Eye, is form'd of two

the control of t

Dipthongs with regard to the Ear, are either form'd of two Vowels, meeting in the fame Syllable, or whole Sounds

which only afford two Sounds in the Pronunciation.

On this last Occasion, Dipthongs with regard to the
Ear, are Tripthoogs with regard to the Eye.

English Dipthongs, with regard to use Eye.

English Dipthongs, with regard both to the Eye and

Ear, call d'proper Dipthongs, are si, as in fair; sa; in

Land; ee, in bleed; at, in void; oo, in Food; and ou,

in Hinfel.

Highth Emproper Diptelough, or Diptelough with regard to the Kye, are as, pronounced only life a 3, as in Access; as, the a 3 in Owner, Henry, or like a, as of the end of the control of the in House

DIPTOTES, in Grammat, a Kind of irregular Nouns, having no more but two Cafes: As, Suppetie, Suppeties, &c.,

Sec CASE DIRECT, in Opticks. Direct Vistom is that perform'd by direct Rays; in Contra-diffinction to Vision by refracted, or

direct Rays; in Contra-nitinction to vinen by tenancie, or reficient Rays. See Vision.

Direct Vifina, is the Subject of Opticks, which per-fetitions the Laws, and Rules thereof. See Opticas.

Direct Rays are those which pass in right Lines from the Luminary to the Eye, without being turned out of their Recklinear Direction by any intermediate Body, either opake,

or pellucid. See RAY.

DIRECT, in Arithmetic. The Rule of three Direct is that oppoint to the Inverse. In the Direct, the 4th Num-ber rejuired increases the Proportion; and in the Inverse diminishes it. See Rule of Proportion.

Dinker, in Aftronomy. We confider the Planets in three States, viz. direct, flationary, and retrograde. See Pla-

They are faid to be direct, when they appear to more forward, according to the Succession of the Signs; and retreate, when they go the contrary Way. See RETROPA-DATION, and STATION.

DATION, and STATION.

DIRECT, in Matters of Genealogy, is underflood of the principal Line, or the Line of Afcendants, and Defocadants; in Contra-diffinition to the Collateral-Line. See Link.

Thus the House of Boardon is fail to defcend in a direct

Line from St. Louis. The Heirs in a direct Line always precede those in the Collateral Lines. See COLLATERAL.

A very good Historian uses the Phrase Direct Speech,

or Herengue, when he introduces any one fleaking, or heranguing of himility, And he calls it Interest, when the Hillorian Speaks, and only rehearfes the chief Points of the Perfon mentioned.

DIRECT Sabere. See RIGHT Sphere. DIRFCTION, in Aftronomy, the Motion, and other Phannomena of a Planet, when direct. See STATION, and RE-

TROCKADATION. TROGRADATION.

DIRECTION, in Aftrology, is a Kind of Calculus, whereby they presend to find the Time wherein any notable Accident shall beful the Person whose Horoscope is drawn.

See Horoscope. See Horoscoux.

For Initance, having effablish'd the Sun, Moon, or Aftendant, as Mafters, or Significators of Life; and Mars, or Saturn, as Promifers, or Pertunders of Death; Direffuses is a Calculation of the Time wherein the Significator shall meet

the Portender The Significator they likewife call Aphetes, or Giver of Life; and the Promifer, Aueretes, Promiffer, or Giver of

They work the Directions of all the principal Points of the Heavens, and Stars, as the Afe adant, Mid-heaven, Sun, Moon, and Part of Fortune. The like is done for the Planets, and fix'd Stars, but all differently, according to the different Authors.

DIRECTION, or Line of Direction, in Mechanicks, is DIRECTION, or LINE of ZIPICETON, in Mechanicks, is par-ticularly ufed for a Line pailing from the Centre of the Earth thro' the Centre of Gravity of a Body, and the Support or Patterns that bears it. A Man mult necellary fill down as from as the Centre of his Gravity is out of the Line of Chieffons. See Courses. Direction. See CENTRE, &c.

Direction. See Centre, Oc.

Direction of the Land-fine, that Property whereby
the Magnet always prefents one of its Sides towards one of

are feverally heard; Or of three Vowels in the fame Syllable, the Poles of the World, and the opposite Side to the other which only afford, was Sounde in the Ponnerciation. ole. See Magner, and Pole.

The Attractive Property of the Magnet was flown long fore its Directive; and the Directive long before the

fore its Directive ;

before in Threathers; and the Directives long before the Directives, Marganized, Julio sided in the general few of Directives Afganized, Julio sided in the general few of Directives and the sides of the Company of the Section Section of the Company of the Company of the Company of the Area is in the Acid of the Universe; and Moovarrase, The Simustion of our Earth, we know, in fach, that its Acid is in the Acid of the Universe; and therefore is Poley. This Simustion form account for break, that it is the most commodones with regard to the Afgelds, and Influences of the Leavely Bodies, and reades is the facel Habitation for Man. Others had the District on the Earth an Bieffel. for Mann. Colors note that protection of the faith an Abrect of a Magnetic Virtue; and freppole a Chelfull Pole, enduced with a like Magnetic Virtue; which extending as far as our Earth, draws the correspondent Part thereof, the Pole, to-wards it 20. See Partus, and Ports. Lines of Diracetrons, in Mechanicks, that wherein a Body

Angle of Direction, in Mechanicks, is that compre-ended between the Lines of Direction of two confpiring

See ANGLE DIRECTLY. In Geometry, we fay, two Lines lie di-rectly against each other, when they are Parts of the same

In Mechanicks, a Body is faid to ffrike, or impinge directby against another, if it firste in a right Line perpendicu-lar to the Point of Contact.

A Sphere, particularly, firikes directly against another, when the Line of Direction passes through both their Cen-See Percussion.

trea. See Princussion.

DIRECTOR Fonti, in Anatomy, a Muscle of the Penis, call'd more u'ually Erector. See En necron.

DIRIGENT, a Term in Geometry, expeding the Line of Mosion, along which the deferibent Line, or Surface is carried in the Geneity of any Plane, or fold Figure. See Ga-

Thus, if de Line AB (I de, Geometry Fig. 13) more parallel to it fell, and along the Line AC, to that the Polar A always lacery in the Line AC, to that the Polar Ac always lacery in the Line AC, to that the Polar AC always lacery in the Line AC, and the Line AC according to the Carried along the Line CA, in a Polarie always purified to it fell in its fifth Similar ABCD be tigned to be carried along the Line CA, in a Polarie always purified to it fell in its fifth Similar ABCD be tigned to be carried along the Line CA, in a Polarie always purified to it fill in its fifth Similar ABCD be tigned to be carried along the Line CA, in a Polarie always purified to the Similar ABCD between the Similar ABCD and the Line CA in the 2Drigons.

Disapplication of the Similar ABCD and the Similar ABCD and the Line CA in the Similar ABCD and the Line CA in the Similar ABCD and the Similar ABCD a

The second of th

are difabled to inherit.

Shood an compression, and themesy hunters and not concern Datasattary by the still of the Perey limitific, as if one Man make a Feediment to another, who then it folds, my-when the production of the still of the Perey limitific, as if one was the first position of the still of the still of the water field position is made, the Pereire takes a Wile, he has by that stillable limitified to perform the Condition, according to the Trush in him region, and therefore the manitosate, he cannot during that Time, for any Altion, but find he charply splittles, and for in order Cales. When the control of the stillable of the control of the production of the stillable of the control of the Ning's Lo-tons, and therefore, if A man born over the King's Li-gament, and demant, if A man born over the King's Li-gament, and demand Judgment, if he he suffered is of the Law is our Born-belger, my which an Altern is a Bran-chester.

thereby.

Disability by the AH of God, as when the Party is

Non Compos Mentis, or, Non fame Memorie, which so difables him, that in all Cases, where he gives, or passes any
Thing, or Ethate out of him, after his Douth it may be

fannull'd, and voided. distance of the condition of the condition of the condition of the condition of Palet of Stone, or Metal, about a Boot over, used by the Ancients in their Exercises. See Exercises.

The Defens of the Ancient was flat and round, remaining the apparent Figure of the San. The Exercite of the Differs was one of those practiced in the Solemnities of their public Games: It conflicted in picking, or throwing a Differs either upward, or straight crewerd; and he who thay in a binder of the sight patching, or throwing a Difeus either upward, or fleaight forward; and he who threw it highest, or furthest how away the Prize.

away the Frize.

These who practised at this Game, were called Differfold, i.e. Throwers of the Differs.

Hyacisth, a Pavourite of Apolle, playing at the Differs
with that God, was killed by a Blow of Apolle's Differs,
which his Rival Zephyrus diverted from its Courfe, and

caft on the Boy's Head

cult on the Boy's Head.

The Differs was thrown by means of a little Card made of Hair, as appears from Claudion Lib. II. in Entrop. Carm. 20. v. 359. E fea. Onto deferibes this Sport Mysters. Lib. X. v. 151. The Romans learnt the Game of the Differs of the Greeks, and practised it among them-

Dempfor, Parallip. in Rofini Antiq. Ram. L. V. C. L. and Pet. Faber. Agonificon L. H. C. I. treat of the Diver-tion of the Difens. DISC, DISK, or Diferent, in Aftronomy, the Body, or Face of the Sun, or Moon; fuch as it appears to us. See

Sun. Oc.

Sun, &c. In a total Eclipic of either of those Luminaries, the whole Dith is obscured, or darken'd; In a partial Eclipic, only Part of them. See Eclipse. Half the Moon's Dith was immerged in the Shadow of

the Forth in fuch an Felinge

the Earth is find a finding in the States of the Earth is finding in the Earth in Ea

This is fometimes also call'd the Polnic or Rolon The Dife is composed of several Fleurons perpendicularly

Disc, in the Greek Liturey, is the fame Thing with the

Dire, in the Greek Litungy, is the same aning with nor Patenan in the Latin.

In the Greek Church the confectated Bread is laid on a Diffust, as in the Latin Chards it is on a Patient. The Difust only diffure from the Patient, in that it is bigger, and deeper; as artembling a Plane, which was the proper signification of the Word Diffust among the Anctions. See Descent

DISCERNING, an Act of the Mind whereby it diftinguiftes between Idea's. See IDEA. iffice between idea's. See Inga.

On this Faculty of Differning, depends the Evidence and

On this Facture of Engering, depends the Evicence and Certainty of feveral, even general Propositions, which pass for ionate Truths; and which in Reality flow from this clear differenting Faculty of the Mind, whereby it perceives

clear differenting Ficulty of the Mind, whereby is preceives were flex's to be the fame, or different or Thing from sea, and the sea of the sea of the sea, and the sea of the s guidhing our lécit, it chieftly countrious, that they be écut, and determinine; and when they are fo, there will not state any Centation, or Milithe about them, the the Son-fest should convey them from the fame Object differency on different Occasions. See Juneaux reading and Commu-ment, part is figurately applied to a found Method of living, according to the Rules of from Practicus. Thus we far yet additively Displicit, the Englishing of Chevit Displicit, the Regulary or Manufale Displi-tifient, See Communication of the Communication of th

We don't fay Civil Discipline, but inflead thereof, Po-

We don't say COUL DAYLOGGER.

W. SEP POLICY.

DISCIPLINE, is affo uted in a peculiar Senfe, for the
Chafificment, no bedily Punifilment inflicted on a Religious,
who has been caught delinquent; Or even for that they wohantstilly undergo, or inflict on themselves by way of Mortification. See PRASMER.

the statement of the property of the sentient Monks

and the statement of the property of the sentient Monks

and the statement of the sentient Monks

and the sentient the sen

Among all the Autherities practice by the amount and Solitaries, Dufin observes, there is no mention made of Discipling: In Effect, it does not appear to have been in Use in Antiquity, unless to punish the Monks, who had

een taken tripping.

Tis commonly faid to be St. Diminit, and Pater Dis-motes, who faffi introduced the Use of Digitaline: But Pier. Makillan mean, Ant. Goy. Above of Pantaplas, and and Pier. Makillan mean, Ant. Digitaline: But Pier. Practice was faff ethablified in the Tis Peter, versal, the Design to redeem the Premares the Gamous imprary, with Design to redeem the Premares the Gamous imprary, with ver Olivacov; and at length, they came not only to pre-deem for themethrees, but all for orders. See P. Ma-deem for themethrees, but all for orders. See P. Ma-

Discipline, is also frequently ased for the Inflorm DISCIPLINE, is also frequently ased for the Instrument, wherewith a Menk chaffiles, or mortifies limited; while is askelly made of Repes, knowed Ham, or twisted Parchment. St. Ferons is painted with Disciplines of Loon Chains, with Spar Rowels, &c.

nett. St. Treus is pollured with Different at loan Chinis, with Super Revole, Liev., a Plen, combining an experient with Super Revole, Liev., a Plen, combining an experient plen and the Liev. The Replectin upon a Different Revole of the Lond, and the Lond evon, fixing, that he holds of him to the Lond, and the Lond evon, fixing, that he holds of him to the Chinis and the Lond and the Lond evon, fixing, that he holds of him the Chinis and the Lond proving the Lond, in that the Lond evon, the Lond of the Liev. The Lond, is that the London and Lon

station.

The Effect of Differentianeaus of Flex, is, that the Operating of Profescrion is led, and not recoverable, but by particular of Profescrion is led, and not recoverable, but by part of without a Day, are the fame Thing; and condition that has no be faully diffurifed the Court.

The Court of the Court of the Court of the State of the

to always, and of themselves, difagreeable, whether ap-

are always, and of describers, differently, whether ap-plied in Seccribin, or Confinence. See Servin. If two simple Sounds sets in fach a Relation of Thue, that is, have find a Difference of Theore, as that being founded together, they make a Richtster, or composed Sound, which the Eur receives with Difference; it is called 30/10, ordy a 84, on the countery, fif it receive it with Pleafine, it is called a Control And whater vers two shord make an agree call & Control And whater vers two shord make an agree call & Control And whater vers two shord make an agree Effect archivity, if they be applied in Sourcellon. See Tune, Concorn.

As Concords are denominated Harmonical Intervals; fo Differents be denominated Unharmonical Intervals. See INTERVAL

Diferrit are diffinguish'd into Concinnous, and Inconcinens Intérpels.

now Intervels.
The Concisionate, by the Ancients call'd Emmeli, are fach
as are spt, or fit for Make, met us, and in Combination with
as are spt, or fit for Make, met us, and in Combination with
contine very agreement, and the contine very
agreement of the contine very agreement of the Combination
Effect in Make by their Opposition, as they heighten, and
listinate the more natural and efficiated Principles of the Picafact we fice for g, or, as by their Muname, and Combination
with them, they produce a Variety workfury to one bring
with them, they reposite a variety one of the year. with them, th

Notwithflunding this they are fill call'd Differeds; as the Bitterness of some Things may help to fet off the Sweetness of others, and yet fill be bitter.

of others, and yet fill be birer.

The Lincontinuous Differed by the Ancients call'd Econolity, are fish in are never choicin in Mudic; as having too great a webster in UE. See Conversions, "B. Differed in an evidente in UE. See Conversions," By Differed in the Whole of the Conversions, "B. Differed in the Whole of Conversions," as the first, in Naminor only sight; in the A. of Conords, a tent fore, in Naminor only sight; in the A. of Conords, a tent fore, in Naminor only sight; in the M. A. Meistelle Blaves the Nocellity of taking from of the life untoward of the Differed into the Sylmon' D Mulic.

In order to Sin, he considers the Effect of having more but have a first the substance of the Research of the Sylmon' D Mulic.

I. Whole orders, a finally blave; If furth threat flower parts.

harmonical lettervals in the Syftem of Music1. With reflect to a single Voice; if that should move always from one Degree of Tune to another, so as every Note,
or Sound to the next were in the Ratio of some Concord;
the Variety, which is Life of Music, would soon be exhau-

fled. For to move by no other, than Harmonical Intervals, would not only want Variety, and so meary us with a tedious would not only want Vairity, and fo seezy as with a tollows Repcision of the faunt Things, but the very Prefiction of fain Relations of Sounds would cloy the Ear in the farm for the result of the relation of the relation of the re-formed the result of the relation of the re-source and Bittgs. See Thoracash.

With rejete to Multic in Parts, i.e. when two, or more Volcas joys in Confinance, the general Rule is, that the fermion of the relation of the relation of the relation of the certific Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed Volcas (critics Sounds of each be for other life, that the fermed volcas (critics Sounds of each be for other life, that the fermed volcas (critics Sounds of each be for other life, that the fermed volcas (critics Sounds of each be controlled to the life of each life other life, the life of each life of

ceilite Sounds of each be fo order 4, that the terral Vocces final be all Concords. Now there ough to be a Variety in the Choice of those lucceffive Concords, and also in the Mo-ment of the issueceilions; all which depends on the Move-ment of the single Paris. So that, if these could only more lan a agreeable Manner by harmonical Difference, there are but a few different Ways wherein they could move from Con cord to Concord; and hereby we should lote much of the Ravishment of Sounds in Consonerce. As to this Part then, Thing demanded is a Variety of Ways whereby each finflee Vice, or more in Conforance, may move agreeably in the fuecefilive Sounds, fo as to pass from Concord to Consord, and meet at every Note in the fame, or a different Concord, from what they flood in at the last Note.

cord, from what they flood in at the laft Note. In what Cafes, and for what Reafons Differed are allow'd, the Rules of Competition must teach; But only joyaing, the's two Confiderations, &c. we fee how imperied: Music would be without any other Intervals than Concords. See

Beisde the Concinnous Difcords used defiguedly in Mufic 4 there are feveral other Difcord Relations, which hap-pen unavoidably, in a Kind of accidental, and indirect Manner. Thus in the Succeffion of feveral Notes there are to be confider'd not only the Relations of those which fuccoed others immediately, but also of those betwire which other Notes intervene. Now the inmediate Succession may be conducted to as to produce good Melody; yet among the diffant Notes there may be very good Diports, that would not be tolerable in immediate Succession, and far less in Con-And fuch Differeds are actually contain'd in the fornize. And field Differents are actuatly controlled in the Scale of Malic. Thus, taking any one Species, e.gr., that with the greater Third, and marking the Degrees between each Term and the next; and thou the Progetism be me-lodition, as the Terms refer to one common Fundamental, yet there are feveral Different's among the murtual Rela-tions of the Terms, e.gr., from ath 10 r. thg is 32: 25; and from ad g to 6th g, is 27: 40; and from ad g to 4th is 27: 32 all Differeds.

The Species of Counterpoint, wherein there is a Mixture The Species of Counterpoint, wherin there is a Mixme of Diplorit, is all Engeneric Counterpoint, Of Which there are two Kinha. That wherein the Diplorit are in-the Counterpoint of the Counterpoint of the Counterpoint of Counterpoint, Counterpoint, Clayer the Counterpoint, Upon the maccounted Pares of the Marine, Diplorie may called Diplorie than a children of the Counterpoint, Counterpoint, Clayer the Counterpoint, Cl

are made the of a proper Interpolition of a Difestal, the faccording Concords receive an additional Luftre. Thus the Difestals are in Music what the strong Shades are in Paint-See HARMONY.

ing. See Harmour.
The Dijectoff see the 5th when joyn'd with the 6th; the 4th loyn'd with the 5th, the 5th is of its own Nature a Dijectoff is is the 7th.
The Dijectoff are introduced into the Harmony with due Preparation, and must be faceceded by Checoda; which is commonly called the Refeaturion of the Dijectoff. The Dijectoff is proposed by Individual field in the Harmony in the Quality of a Corcord; that is, the same Note which be-comes the Difcord is first a Corcord to the Bass-Note im-

comes the Differs is first a Concord to the Bats-Note im-mediately preceding that no which it is a Differs.d. The Differs is refishered by being immediately faceceded by a Concord deforating from it by the Differse only of greater ad, or leffer at, Apple of Discount, Possuous Differsite, a Phrase factle to fignify the Subject, or Occasion of some Milimederitanding in

a Society.

It is borrow'd from Mythology: The Poets feign, that at the Marriage of Theiri and Peless, the Goddels of Digent threw a golden Apple whereon were wrote thefe Words, the Teirigh, which immediately flirid up a Different beautiful three three three Thins Peless and Peless and Penessen Thins Peless and Penessen Thins Peless and Penessen Thins Peless and Peless and Penessen Thins Peless and Peless and Penessen Thins Peless and Pelessen Teiring Pelessen Thins Pelessen Thins Pelessen Teiring Pelessen Teir tween Juno, Pallas, and Venus, each pretending a Title to the Apple.
DISCOVERY,

the Apple.

DISCOVERY, in Dramatic Poetry, a Manner of Uerrvelling a Plot, or Fable, very frequent in Tragedies, Comedies, and Romanees; wherein, by fome unforeion Accident, a

"Differency is made of the Name, Foreion, Cquility, and
other Circumfiances of a principal Portice, Cquility, and
See Unanvienne, Fabre, Ge.

A late Author defines the Differency by a Change, which beinging us from Ignorance to Knowledge, produces either Love or Hatred in those whom the Poet has a Defign to make either happy, or miferable. For a Difeovery should never be in vain, by leaving those who thus difeover one annever be in vain, by leaving those who thus different one other in the fame Sentiments they were in before 1. Belfect, those Difference, which are immediately followed by a Perspection, or Change of Fortune of time principal Charles, whereon the Urravelling depends, are the most beautiful. See PERIPATIA.

See Perfatia.

One of the fineft Differences ever brought upon the Stage,
is that of Octobras in Secretes; For the minute be finds
himself the Son of that foreign, who was then his wich
be becomes of the most harppy, the most mistrable of all

There are three Sorts of Differences: The first byc-crain Maris in the Body, either natural, or accidentify Such that in the Body, either natural, or accidentify Such that the Sort of the Sort of the Sort of the Sort of the years and the Sort of the Sort of the Sort of the Norfe, upon withing his Legs sirch his Return bone, measure. The District of the Sort of the Sort of the Sort of the Periodic Maris of the Sort of the Sort of the Sort of the Periodic Maris of the Sort of the Sort of the Sort of the Hermitian Sort of the Sort of the Sort of the Sort of the Ministrans. Thus, when Offgier level Zousoforus fing his Actions of Top, the Momercy of them Rush him, and drew Actions of Top, the Momercy of them Rush him, and were the Sort of the first Carriedy, and the Level that Johnson Sort of the Carriedy, and the Level that Johnson to Typ-DISCOUNT, in Commerce, a Som doubted, creating a

DISCOUNT, in Commerce, a Sum deducted, or retnin'd

DISCOUNT, in connected, a sum accuracy, or retains on Hand, upon paying a greater. It is much ufed among Mechanics, and Manufactures, who keep Workmen, Journmen, Labourers, 50°c, for the Sums advanced them before hand, which are diffeomnted when the Payments are made in

DISCOUNT, is particularly used for an Allowance made on a Bill of Exchange, or any other Debt not yet become due; to induce the Acceptor, or Debtor, to advance the Money.

See Exchange.

Differents are also frequently made for the Payment of

Different's are also frequently made for the rayment of debicos, or bad Dobts. See Remark.

Discount is also and among Merchants when they buy Commodities on Truth, with a Condition, that the Seller final aljeanse fo much with him per Cent, for each Payment made before the Time expired. See Promer Payment made before the Time expired.

merri. Some h is Power deltagal the between the General K. So H 20 (see "To finite, the two parallel for Cacharge, in redsord like the Exchange, at the Rate of fin much per Coxt. $G_{\rm pri}$ at per Coxt. H 20 (see an landered, there are the Rate of fin much per Coxt. H 20 (see an landered, there are the Rate of the Rate

Commission, com., coc. a nor are in susuange adoptions in The City of oll fort me from Spain leaks; there are fifty Pints Edwards. See Tara, Coc. 1015COURSE, an Operation of the human Mind, whereby it paths, or precede from one Thing to another; that from a known Thing to an unknown. See Raksonson. The School-men office it in Air of Cognition, whereby when the Commission of the Commissio the Mind declares one I lung from another: This it does, when it Configurates of an Affirst given to one Proposition, is given Affent to another; So that Different Conflict in a Cheese and Affents; and theypodes fuch an Order between the Afts, that that belonging to the Configurate arise from that belonging to the Americalest. So that the Intellect is then faid, Afference, to different, when from an Affent to can, once Propositions, it draws an Affent to can. Affent to can, of the Affent to can.

color. The Object of Differentle, therefore, or that about which the linellect is employed in Differentless, is the Councerion of Extremes coordied with regard to forme Third, or Medicar Thus, when it judges, that every reafonable Animal is ribble, differentling, that there is a Councious between Rid-Birly, and Rentembry; and them finds, there is likewife as the strength of the Council and Rentembry; and them finds, there is likewife as the size of Rentembry and Rentembry a wards gathering from the Connexion found between Rifible and Min, with Rational, that Man and Rifible have like-wife a Connexion, as both are connected with Rational: it is

Hence it appears, that Difeosofe, whereof Men use to va-lue themselves, does really betray the infarmity of the hu-man Understanding; as it denotes a Chain or Scale of seve-

ral facerflive Ads of Cognition necessary to arrive at a Truth. So that there is no Diffeourfe in God, who undershood all Things truly. See Knowlender.

DISCOUS Flower. Botaniifs rockon two K inde of Diagram piscous Flowers. Botanitis rection two Kinds of Plants with a Diffeost Flowers. 1. Such as have the Flower compounded, and the Seed pappons, but the Leaves and Stalks not milky, when broken. 2. The Corymbiferous Plants, whose Flowers are compounded into a Diffeost Figure, but

whole returns are compounted into a Discouringment, but their Seeds are not pappous.

Of the former Kind, are the Flea-Banes, Ragweeds, Groundfels, &c. and of the latter, are Daifies, Chamomile, Tanfy, Wormwood, &c.

DISCRETE, or Disjunct Proportion, is, when the Re-

so between two Pairs of Numbers, or Quantijes is the func-al set there is not the fame Propriose between the few Numbers. See RATIO, and Photonarious. Thus if the Numbers 6 is 11, 21, an considered, the Ra-Tipus is the Numbers 6 is 11, 21, an considered, the Ra-tionary of the Pairs of the Pairs of the Pairs of the Pairs 1 and 1, and therefore their Numbers are Proportionals, but it using significantly, or distinguish, for 6 is not 10 8, as 8 to 3, that is, the Proportion is broken off between 8 and 1, and is are continued all using, at it is in thef-following, which is the Pairs of the Pairs o

not continued all along, as it is in these romoving, which are call'd Continual Proportionals, viz. 2: 6:: 12:24.

Discreve Quantity, is fach, as is not continued, and heard rowther. See Quantity.

Such is a Number whole Parts being diffing Units com-

Such is a Number, whole Parts being diffinit Units, can-not be united into one Continuous; for in a Continuous there are no actual determinate Parts before Division, but they are potentially infinite; wherefore it is usually and truly Gid that Continued Ousnite is divisible in Infarrance See

CONTINUITY.

DISCRETIVE Propositions, are those, where various Judgments are made, and denoted by the Particles but, nor-crib@maing, or Words of the like Nature either expects"d, or anderflood. See Paropastrios.

mideflood. See Proposition.

Thus, Forume may deprive me of my Wealth, but not of

Wirtne: They who cross the Seas change their Climate,

12. Onlinears Oppositions of the Company of the Thus, formed may deep vie me or my teenth, and not or my Virtue; They who could the Seas change their Gimate, for their Diffusion, are call d Difference Propolition.
DISCUS, among the Ancients, a Name which was given to a round Shield, conferrated to the Memory of fone fire most Here) and hung up in the Temples of their Gold, as a Trophy of fome great Altion. From the Fenere of this Diffusion, or rather of that, which the Greek's and Remem is Digens, or rather or that, which the Greeks and Romans; id to divert themfelves with, especially at their public times, and which is a round Ouoit of Brass, comes the Games, and which is a round Quoit of Brais, comes the Word fo much in Use among Aftronomers, vox. the Disk of the Sun, or Moon. See Dasc.

of the San, or Moon. See Disc.

DISCUSSION, in Matters of Literature, fignifies a clear
Treating, or Handling of any Point, or Problem, where the
was emberra? A. In which Seefs we fay, fix the A Point was
well difficults, when it was well neared of, and clear? up.
Discussors, is also ded in a Medicinal Senfe, for a DifferDiscussors, is also ded in a Medicinal Senfe, for a Differ-

fing the Matter of any Tumor, or Swelling in the Body. In which Senfe the Surgeons define it an Evacuation of fome thin Matter gather'd in any Part, by infenfible Periph-

See Discurrents

DISCUTIENTS, or DISCUSSIVES, in Medicine, Remedies proper to open the Porcs, and evacuate the redun-dant Humours of the Body, by infentible Perfpiration; or to difcharge Flatulencies, Swellings, Sc. by flaking, jum-Discoverioner are the fame with what we otherwise call Dis-

phoreticks, and Refolvents. See DIAPHORETICE, CAR-

MINATIVE, Ge.
DISDIAPASON, in Music, a compound Concord, defined by Fa. Parran as Quadruple of 4 to 1, or of 8 to 2. See Concerp.

The Lightapajon is produced when the Voice goes from the first Tone to the 15th, and may be call'd a Fif

The Voice ordinately does not go further than from its fift Tene, to the Distantialon, i.e. it does not go beyond the Compar's of a deable Chave, for the Distantialon is an Octave doubled. See Octava:

The Voice may fornetimes rife feveral Tones above a Distantial for its the Effort or Struggle distingues it, and

diapejon, but

The antient Scale, or Diagramma, only extended to a Difofon. See DIAGRAMMA. DISDIAPASON-Ziapente, in Music, a Concord in a Sextople

DISDIAPASON-Diateffaron, a compound Concord in the Proportion of 16 to 3.
DISDIAPASON-Dison, a compound Confonance in the Pro-

portion of 10 to 2. DISTIAPASON-Semi-dison, a compound Concord in the

DISTIPATENCE OF THE PROPERTY O

contrary to Nature, whereby the Action of fome Part is ini-

mediately injured. See Function.

An ingrations Author of a late Latin Treatife, see Purgatione, holds the Effence of a Differse to confift in a Want of that Familiarium between the folid, and fluid Parts, which its that Equalibrium between the fould, and fluid Parts, w.

necessary to the Mainemance of Health : Others add, reset all Diffests ratio cluber from 10 nls, or to the first a Tennan of the Fibres. See Hearten. Of all Animals, Man is subject to the most Diffests; a rad of them, the thedious and freeularities are most expose differ-to. Other Animals have that "Diffests" is they are an finall Number: Not are Plants without them; the desired Mailadies fague exceed half a force.

The Antients defined their Difeafes: Valling de Idalel. Lie. VIII. C. V.
Several Authors have given us very compendious Theorie of

Several Authors have given as very compositions Theorie of Philipsity is reducing them all to film one one general Biliffericions: Thus, at Brone deduces all the Digitals of the human Fearme from the Scorbinary Suffigurent term the circlettists and Dr. Woodward from the Bille : Others margine them the Biffect of a Pecky Frim, which has lark'd in the Seed ever fines the Sin of Adms: Helimons, and Stretmins the Dams, take term to depend on four extramous Personal, form'd Date, take 'en to depend on some extraneous Fermient, sorred in, or out of son. Lastly, it appearing from the Observations of Pileny, Kircher, Langier, and Sommin, that there are Estel Worms in feverith Blood, Pultules, Carbo's, and the Itels divers Physician have sook Occasion to suffect, that all the Difeafes artise from Werms. See Worms, Iron, Se.

A Difeafe is well deferrid to be a depray'd, and diforderly State of the folid, and fluid Parts, whereby all, or form

of the Functions either of the Body, or Mind, or both, are either abolifu'd, or impair'd.

either about to or impeird.

For fome Difeafes only impair the Use of the Part, as the Ophthalmia, Gour, &c. Others delivor it entirely; as the Gutta foreia, Paljy, &c. Some affect the whole Body, as the Comments of th

Defores of the Flands are either in the Mass of the Blood, the Spirits: Those of the Blood are reducible to two or the Spirits: or the Spirits: Those of the Blood are reducible to two Kinds; those that thicken, and inspissate, or which amounts to the same, retard its Motion; and those which attenuate, and diffolve, and of Confequence accelerate it.

To this latter Kind belong Feners, and feverift Aff. Circus

alone: All the other Diforfes of the Blood belong to the for-

In too thick a State of the Blood, its Principles are too craft, In too thick a State of the Blood, in Principles are no crift, and in Molecules too big, where a Better, in sy Morles, and crim doughter, periodically in the famous Politices of the Grand Politice of the State of

Textus of the Parrs, and borth out to Users, a six plitting-cod, Seraphismic, securation, and Verseral Differito, Gin-grisses, Carbol, Canzers, and other Frodiev Tamone, accord-ing to the Quality and Degree of Silates' and Actimosy. And from the farm Source settle Caphangier's, Carbolinger's, Carboling Silates, Carbon Carbon, Carbon, Carbon, Carbon, And Commission of the Carbon, Carbon, Carbon, Carbon, And Carbon, Carbon, Carbon, Carbon, Carbon, Carbon, And Carbon, Carbon, Carbon, Carbon, Carbon, Carbon, And Carbon, C

nifm. or Quality.

To the first Class are reduced the Casalepsis, Apoplexy, sma. Carms. Palls. Stuper, Tremer, &c. To the second, To the fift tasts are reduced the Caralegms, Apopersy, Cona, Germs, Pally, Sarleys, Presson, Ke. To the fectors, belong the Mania, Phrenjy, Delivrum, Poslifonds, Meloreckey, Ferriga, Sarlean, Evilegely, Higheric Articleon, Horvar, See Add, that as all Diptagle of the Bland artic from extend Cardie, one-form one or more of the Nova-Natural Cardie, one-form one or more of the Nova-Natural Cardie, one-form of the Blood.

Latin 1 - 2 Philosophe of the Blood.

Latin 1 - 2 Philosophe of the Blood.

Seatchily proceed from Diference of the Blood.

Lathy, the Diference is the Fluide, whether those in the Blood, or Spirits, are filldom confind leng thereto; but pre-fendy come to oditurb, and impode form of the Fanctions affected to the folid Parts; and at last corrupt the Subtimos of the Sodish themselves. Hence Compound Diference; which

DIS 224

But the Learned Boerhoove furnishes us a much more ac-

constated in Lathy, Supporting their Parts all Guard, "Difficiffer may beld them used are level to their Structure, from a Yon, or witness and their structure, and their structu necen is occasional by Corrolion; the ingrafite, which is a total Oblitacition of the Cavity, by a vifecoa, grumous Mat-ter; the partypine, or Narrowneds of the Patinge; the 236/kg, or Compression of the Sides of the Cavity; suggister, when the Sides are quite closed up; and evaluation the the Vessel is fo competed, that the Sides falling together, the Control is lost Cavity is loft.

a. In the Number, where 'tis either deficient or redundant: But the Parts feldom err in this respect, fo as to occasion a

Difesse.

5. In Magnitude; to which belong Nodes, Exostofes, and
Callus's. Gallielt.

4. in the Situation, and Gamerian; as when the Ligament are too long, or one flort, when breke, or depret of a good Difference on Start, when breke, or depret of a good Difference of the Worth, Bladder, and Reiburn; Difference of the Worth, Bladder, and Reiburn; Difference of the Hendough Mickley, perchalarly their frings good finder Places, the Relaxation, or Rupture of the Membeanest Ligament that Rould retain law. Difference on them have been sufficient to the Membeanest Ligament that Thould retain law. Difference on the Membeanest Ligament that the Difference of the Membeanest Ligament that the Difference on the Membeanest Ligament that the Difference of the M

Account of the Section of the Section of the Section of the Libly, where is a Diffuse common both to Smiller, and Coposited Parts, call's desired of Continuity.

Libly, where is a Child Section of Continuity.

All the Indicates was been desired to the Section of Continuity, and Castley, and

own Parts, and Composition; Or confider d as they concur towards confiltrating fome Part of the Body.

If the Morbid Quality be confider d in the Particles of

If the Morbid Quality be confidered in the Particles of the Humour, it must either confife in an Augmentation of Bulk, whence the Emphresis, Atraphy, Symphysis, and Sy-neworks; or in the Diminution thereof, as in the Diaphyse, and Cananageia: Or an Increase of Solisity, whence too great an Airconation, or a Decay thereof, whence Lan-tory, Seguestion, and Configure: Or in the Figure, as when sor, Stogustion, and Cobesion: Or in the Figure, as when of Spherical it becomes Angular, and confequently, with re-fpect to the Part 'tis applied to, sharp; whence Actimonies,

freell on he Part 'ta applied on, flurg's whose Airimonia, for both and, dealine, moriates, ammoniate, fipmaneous, tracticular to the control of the control

dd, that the Humours collected, and flagnating among

But the Learned Burbhouse families us a mach more see Add, that the Humone enhealed, and disquiring among causes, and Generical Dividing of 20 febric. there as of the firmple, and Smilley Parts, of the divergence of the property of the second of the property of the prop y₂ and Ceronical, which are all those of songer commensure. 4. With refered to Sonfors, into Vernal, Austranal, Continued, and Internativing. 5. With respect to their Effects, into Beniga, Malignour, Currelle, Internable, Morsta, Contengions. And 6. With respect to their State, into Beright Conference on Proceedings of East. ginning, Progress, State, Declension, and End.

Diseases of Plauss. Monft. Townsefort, in an express Differention on this Subject, in the Memoires de l'Academie des Sciences, refers all the Difeases of Plauss to the follow-

del Accioneca, loss as a description of the Nutricious Juico.

1. The too great Abundance of the Nutricious Juico.

2. The Defect, or Want of this Juico.

3. Some ill Qualities it acquires.

4. Its unequal Difficultion in different Parts of the Plant. And 5. External Accidents.

The Displays principally observed by our Gardeners, are,

1. **Bestrain** from the Tree, the outwardly fresh and
healthy, bears no Blossoms; or if it does, they full; or it she
fet, the Fruit drops for it come to Maturity. See Barran-NESS.

NAME.
2. Blefting of the Ends, occasion'd by a Froft happening when the Leaves and Blotfoms are wet. By this much he Peers are that, and the vital places follocated; when, if the Sam bead out on a fudden, they tran yellow, with round first yellow; growing on them; where frequently proceed Temours like Warts, which rotting, grow" all Managors. Mr. Mortiners adds, that the Wans of Elastic Managors are presented in the second for the second for the second for the second for the second process. Biofforming Time, often occasions the Dropping off of the Biofforms for Want of Sap; he, therefore, recommends the watering 'em.

watering vm.

5. Configuration, proceeding from a Want of Suffenance,
through the Failert of the neutifining Julices; see from Offifractions of the Voins, and Rocars; or ill Digition, and Secritics of Humourt, Ge.
4. The Mgl, an Account of which, for under the Article
Moss. See also Parasature.

1. The Journal of the State of the State of the State

5. The Journal of the State of the State of State

1. The Journal of the State of the State of State

1. The State of State of State of State

1. The State of State of State of State

1. The State of State of State of State

1. The State of S

5. The Yamanfan, which, the it does not lisher the Twe from appearing finand, yet when it legislate of proves, the Leavas become of a whiting pereg, and as they give bigger, the form of the property of t

Degree.

8. Falling of the Leaves, which happens when the Trees fprouting too foon, are either furprised by exceptive Heat,

or Cold.

y. Urtels, or Scorching, of which there are two Kinds ;
the fifth happening upon the Fall of a fabril Dea, or final
Ren, immediately belowed by the princip Barms of the
Ren, immediately belowed by the princip Barms of the
harm up the Leaves: The forced happening from the like
Feroure in the internal Farrs of the Tree, oris, in the Pills,
occidented by fome inner Falling. Agricula imports it to the
Feroure in the internal Farrs of the Tree, oris, in the Pills
Feroure in the internal Farrs of the Tree, oris, in the Pills
Feroure in the internal Farrs of the Tree, oris, in the Pills
Feroure in the internal Farrs of the Tree, oris, in the Pills
Feroure in the internal Farrs of the Tree, oris, in the Pills
Feroure in the internal Farrs of the Tree
Feroure in the Internal Farrs of the Intern like.

10. Semrf, or Leprofy, a Difeofe chiefly of the Bark, caufed by a too great Dilatation of the Pores, whereby too much perfpirable Matter transfuding it, hangs and hardens on the Bark, which by this means chaps, and cracks, and thus

a Sort of Lepra is form'd, Perfpiration obstructed, S.c. Add, that this feurly Skin proves a Harbour for Vermine, which shee both on the Bark and Tree.

five both on the Bark and Tree.

11. The Worm, a little Animal generated in the corrupted subfiance of the Bark, Bloffoms, Fruit-Leaves, Pith, and Process. Mr. Gentil mentions another Kind, called Conference. Roose. Roots. Mr. Gentsi mentions another Kind, call'd Cock-thoffers, which flick to the Roots of young trader Trees, and Bark, and kill them. There is a third Sort, call'd manager or Grad-flies, which graw the Roots. The Worm and Bark, and kill them. There is a third Serr, called generat, or Gad-flies, which graw the Roots. The Worders is a very frequent Diffuse; whereby young hopeful Trees are all of a ludden brought to impulfi, and decay.

22. Restor Roots, occisioned thirthy by their being planted too deep. This Diffuse is tocurable.

23. Bright A. Paparicular Account whereof, see under

Briont.

JISEMBOGUE. When a Ship paffeth out of the Mouth
of steme Gulph, they call it diffendinguing: They fay also
of a River, that at the h Place, or after it has run so many
Leagues, it diffendingues it self men the Sea.

JISTRANCHISE, the contrary to Enfranchise; signisting the taking away one's Previous, or Privilege. See

MISHER ISON, an old Word of the fame Import as Dif-

theriting.

Our Lord the King, confidering his own Damage, and
Hheriton of the Crown, &c. Stat. 8. Rich. II. Hen. IV.

DISHERITOR, a Person who disfunderets, or puts an-

oder our of his Indictinuo.

The Storff Beath forthwise by pumple a so Difference
The Storff Beath forthwise by pumple a so Difference
The Storff Beath forthwise by pumple as Difference
DISCHOCT Projection. See Diseases Proportion.
DISCHOCT Projection. See Diseases Proportion.
DISCHOCT Morister are celled Disputations of disputs,
which, in binding a Diffourte, do yet figurate the Parts
theref. See CONTRACTION.

which, in binding a Difcourfe, do yet feparate the Parts thereef. See Coxy poertion.

Aut Cefar, out Nullet's, Either Cefar, or nothing. He neither advanced, no paye back.

Disjunctive Conjunctions may also be call'd Partitive,

Disjunctive, and Atternative.
Disjunctive Proposition, in Logic, are compound Propositions confilling of two Members, or Parts connected by a Million Carter-Man. Co. D. Diffributive, and Atternative.

The first Proposition of a Dilenzase is always a Die. juntive Propolition :

toe Proposition:

Tou must either obey the King, or be a Rebel.

But you wast not be a Rebel.

But you must not be a Rebel, Therefore you must obey the King. DISK. See Disc. DISLOCATION, the putting a Bone out of Joint, by fonc Violence; usually sall'd by the Physicians, Lauration.

Can T was a march DISMEMBER'D, in Heraldry, is applied to Birds that have neither Fect, nor Legs: As also to Lions, and other Animals, whose Members are separated.

DISMES, Decime, in our Law-Books, Teths. See DISMOUNTING, in the Military Art, the Act of Un-

PISSOR UNITED THE Cavalay, is to make 'em a-light. Thus, or injection the Cavalay, is to make 'em a-light. Thus, or injection to Canon, when they or the cavalage and thocker, a florid are said adjuntant of the cavalage and thocker, a florid are said adjuntant of the cavalage and the cavalage an

The Dials drawn on this Stone, do not go well, by reason it has been moved, and disprientated: It no longer looks

East and Welt.

But the Word is most frequently us'd in a figurative Senfe, for the Diffencering, or putting a Man out of his Way, or Element. Speak of Law to a Physician, or of Physic to a Luwyer, and they will all be differentated. An. Marvel uses the Word disocidentated, instead of dif-

orienzated.

Geneva had difoccidentated our Geographer.

The Word is form'd of the privative Particle de, and

The word is the following the Marking Disparagraph of the Marking Disparagraph of the Marking as Help, &c. in Marriage, below his, or her Degree, or Condition; or against the Rules of Decemy, the Common of the privative Particle Disparagraph of the privative Particle Disparagraph. dhion; or against the Rules of Decency.

The Word is a Compound of the privative Particle Dis,

and Par, equal.

DISPATCH, a Letter on fome Affair of State, Bufiness of Importance, fent, with Care and Expedition, by

a Courier express
The Business of Disparences lies on the Secretaries of State and their Clerks. The King gives Directions to his Mini-flers abroad by Diffarteles.

The Word is also us'd for the Packet, or Mail contain-

The French, during the Reign of the late Louis XIV. had a Confeil des Depectres, Council of Difpatches, held in the King's Prefence, at which the Dauphin, the Dule of Orn. the King's Presence, at which the 'Dauphin', the Duke of Or-leans, the Chancellour, and four Secretaries of State affifted.

denn, the Chinecilour, and four Scennings of National Market DISPAUEEE, When my Pricine, by resting of this Po-vers, (catefied by his own Onth, of not being swort, pround, his Debts being say (1) is admirted to fix to Forms Pan-Forry, if afterwards, before the Suit be caded, the fine that the contract of the pricine of the contract of the that the Court, wherein his Suit is depending, think of, for this, or either resting, to take away the Privilege from him p to a then fall to be dispanse?". See Forman Pan-bin my to the contract of the contract of the contract of the contract of the state of the contract of the contract of the contract of the contract of the state of the contract of the co

DISPENSARY, or, as fome write it, DISPENSATORY, Name given to divers Collections of compound Medicines, a Name given to divers Collections of compound Medicines, wherein are faccified the Ingredients, Proposerous and the chief Circumfunces of the Preparation and Mixture; the fame with what we otherwise call a Phenomenopeia, or Amistoray, Such are the Dispropries of Mafine, Cordas, the Collection

Such are the Diffeosteries of Mefire, Cordus, the College of Psyficians at Landon, guinty, Sec.

The Apothecaries, in and shour London, are obliged to make up their compound Medicines according to the Formules preferried in the College Diffeostery; and are enjoying

maks presented in the College Zillpenjary; and are enjoyant to keep always ready in their Shops all the Medicines there imerated.

DISPENSARY, is likewife used for a Magazin, or Office of Medicines kept ready to be dispensed at the prime Cost of the lagredients, for the Benefit of the fick Poor.

Medicines kept ready to be defigined at the prime Coll of the linguisticus, for the Benefit of the field Post. Of which Kind we have two or three in London minimal by the College of Posythetins. One at College it fell, first began in the Year 100%, another in College it fell, first began in the Year 100%, another in So. Tear's Alley, Cornellal, and a third in St. Aderric's So. Tear's Alley, Cornellal, and a third in St. Aderric's intrinsic Value, and Patients and College College, and Patients when the College College College College College, and Patients and College College College. day, at one of the three Places. See Collings.

day, at one of the three Places. See Collicol.

DISPENSATION, in Law, See, a Pennisitien to do Genething contrary to the fitteding Laws: Or a Relaxation, or
Same confound Dispensation with Equity; but they are
yell-fitted Things: For Equity is now the Correction,
er Medification of a Law, which is too general; But a
Dispensation Suffered in Colligation of the Law is fall; and can, therefore, be only given by the Legislative Power,

See Equity.
The King ora

one has been present of the Lagantize Ponce.

The King pract and Differentiers of the per to time Officer,
to be additional before the Legal Age.

The King pract and the Lagantizer is the Percentile who claims the Officer for design and earneds to every Thing. Indeed, the more follow of the Reasonful Reasonful Percentile Care, where the can give a 201/preferred to a control of the Reasonful Reasonful Percentile Care, which is the case of the Reasonful Reasonful Percentile Care and Conference of the Care and Conference of the Care and Car

Papal See Goes not apprentise it sent uniter any such review Reliabilities.

The Right of giving Differentiation, they thus argue: Tis certain, the Church has a Power to make Laws; A Power, which the Apolities thrustleve exercised, and which their Succeffors have continued to exercise after them. Who their Successions have continued to exercise after them. Who-cere can make a Low, can anough it; and much more can be dispergly with it in certain Cates; The Church, then, may appear with the Lows it fell but made; And we find it to have done accordingly, in all Ages. In the first Times, it felt in to the Judgment of the Birkons to dispergle with the Length of the Penance coipyid by the Canons; And the IV Consonsi of Corresport allows of the Turnslation of Bishops, and Priests, when the Churches Occasion should

of Bittory, was a require it.

The Author of a Treatife of Differulations, primed in The Author of a Treatife of Differulation to the Noreilly and poblic Service of the Church, and not no the private Advantages of the Perfora who fullicit the Differulation; a contract of the Church, and the Differulation; a contract of the Differulation of the

and putter Server on the courts, some out to the present and putter Server of the courts, some out to the present collective (ii. Carles, to the cherry, will there the hillphoffers). The fine Author anisosis, that Different front of the Carles of the Car

DIS

all weightd in their proper Dofes, or Quantities; in order to be employd in the making a Composition.

DISPERSION, in Dispersively. Power of Dispersion is a Point from which refracted Rays begin to diverge, when their Defending moders there. "Increases See Dispersion of the Dispers See DIVERGENT. Refraction renders them divergent. See DIVERGENT.

It is call'd Point of Differtion, in Opposition to the Point

It is call'd Point of Differtion, in Opposition to the Point Concourfe, which is the Point wherein converging Rays

It is call? Feisin of Difference, in Uppleating to the Yeal Occounty, which is the Concessorate.

But the latter is more varieties of House, and the Sementer Friend Fein: See Vi arva's, and House, of the Position DISEALED, the University of the House, and the Sementer DISEALED, the Latter Rich, when it is cred, with its Wings capable, of private Rich, when it is cred, with its Wings capable, of private forth. See Laura. DISEONDER, in the Greek, and Latin Poorty, a double Spender, or a Foot continging of two may Syllables, as To-Spender, or a Foot continging of two may Syllables, as To-

pones; a see conting of four long Syllabors, as Theorems. See Street of the Syllabors, as Theorems. See Street, as Theorems. See Street, as Theorems. The Street, as the Syllabors of the Syllabo

The Diffosition is of the same Necessity in Oratory, as the marshalling an Army, in order to a Battel; or a beautiful Composition in Architecture, Painting, &c. Horace en-

joyns it expressly in Poetry. Singula quaque Locum tenant fortita dec The Diffosition, then, is the Order, or Arrangement of

The Diffolition, then, is the Order, or Arrangement or the Parts of an Oration: which Parts are usually reckon'd four, via, the Exoration, or Beginning; the Narration; the Confirmation; and the Peroration, or Consulption.

The founganake can fix: via. the Exoration, Division, Norration, Confirmation, Confutation, and Pereration 3 as indicated in that Popular Verle,

indicated in that Popular Verfe,

Enorfist, narro, fees, from, refase, peraro.

But the Divineo is more naturally referred to the Exeredium; and the Confistration to the Confirmation.

The Diffeotions is either Natural, or Attificial.

Natural, is the Order the Parts are above reheated in. Astifietel, is, when for fome particular realism we recode from the
Order of Nature. See each Part under its proper Article,

Exerdium, &c.

Exenditus, Ge.
Dispositions, in Athicident, in his jult patient of all the Dispositions, in Athicident, in the jult patient of all the Dispositions, in the patient of the patient of the Disposition of the Disposition, implying as Wast of Properties, or Suitable, in Patient Disposition, in the State of Disposition, or Disposition, in the State of Disposition, in the State of Disposition, in the State of Disposition of the Patient Disposition, or Suitable of Disposition, or for Point of Learning, or Religion, for a Disposition of Dispositation of Disposition of Disposition of Disposition of Dispositio

Party, or the Honour of a Triumph. Parry, or the Honour of a Trimmph.

The Fort Rayallift that Cucation to observe, that nonhing given to many directed Lights, and Openings to discourance of the Comman directed Lights, and Openings to discourance of the Comman directed Lights and the Comman directed Lights on the Comman directed Lights on the Comman directed Lights on the Comman directed Lights of the Comman directed Lights of

DISQUISITION, an Enquiry into the Nature, Kinds, and Circumstances of any Problem, Question, or Topick; in order to gain a right Notion of it, and to diffcourse clearly

DISSECTION, in Anatomy, the Operation of cutting, and dividing the Parts of an Animal Body, with a Knite, Sciffers, &c. in order to fee, and confider each of them a-part. See ANATOMY. The Ancients made Diffections of living Men; as we read of Herofbilus, and Englithmens, and in our own Times, of Carpus, and Vefalius.

Xet, le Gendre observes, that the Diffestion of a human Body, even dead, was held a Sacrilege till the Time of Fran-cis 1; And the same Author assures us, he has seen a Consul-

ration held by the Divines of Salamanea, ar the Request of Charles V. to fettle, whether or no it were lawful, in Point of Conficience, to diffett a human Body, in order to learn the Structure thereof DISSEISIN, in Law, an unlawful Dispeticiting a Man of his Land, Tenement, or other immoveable, and incorporal

Right.

Hence, the Affilis are call'd Writs of Diffilife, which is againd Diffilifer in any Call: Whereof some are sured described by the state of t by Force; for which fee DEFORCEOR; and FRESH Diffession. See also RE-DISSEISIN, and POST-DISSEISIN. Wrongful Diffession is no Descent in Law.

Disertson, he who diffeiferh, or puts another out of his Land: As Diffeifer, is he who is to put out. For the Difference between Diffeifor, and Intruder, and Deforceor, for INTRUDER, and DEPORCEON.

DISSEMINATE Vaccinic. See Vatuum Diffemina-

DISSENTERS, a general Denomination, of equal Import with Non-conformists.

It experies certain Sects, or Parties in England, who in Matters of Religion, Church Difcipline, and Ceremonics, difpassers of aceignos, Cimrch Discipine, and Ceremonic, Agi-feut from, or diagree with the Church of England, and have a Toleration by Law for the fame. See Toleration Such, particularly, see the Preshysterians, Independents, Anahoptylis, and Sunkers. See Preshyterians, Independents, PREDENTA, Se.

DISSIMILAR Leaves, are the two first Leaves of any DISSIMILAR Leaves, are the two suff Leaves of any plant at its first flaoring our of the Ground. See Leaves. They are thus call'd, because they usually are of diffi-tent form from the common Leaves of the grown Plant. These Dr. Grown observes to be nothing but the very Lobes of the Seed capanded, and thus advanced. See Germanna-

Their Use is for Protection of the Plume; which, being young, and tender, is thus guarded on each Side, and has also fome Rain, and Dew gradually convey'd down to it by this means. See PLUMULA.

this means. See PLBBRUS.

DIESBRILAR, à fantency, Authors divide the Parts of the Body ireo Similer, and Diffinities means, and Organification with the Body ireo Similer, and Diffinities and Organification Parts and the Body of the Bo

Dissimilations, or, a Diffinili, in Rhetoric, &a. an Araument, wherein, from diffinilar, or unlike Things, other ifficulars are deduced.

Thus Cicero, Si barbarorum est in diem vivere; Nostra Concilia semptiermum tempus spellere debent. Catullus furnishes a very besutiful Argument from Dissinititude:

families a vey beautiful Argement from Diffinitionals: Salts exceler of refers politics.

Nation can found sensite oversit. Line,
Nation can found sensite oversit. Line,
Nation can found sensite oversit.

INSSEMPATION, in Physicks, an inicinstilled Loft, or Confumption of the minest Ears of a Bodys, or, property, the
Flans whereby they found and such lose Exercises,
fipsching of the Biodel Ind. as Wound, or in any other
femilies. Hammer: on the contrave, we fay with Mr. Learney, the Difficulties of the Spiern is in greater Abundance
chareff much be more frequent and proposa.

DISSOLVENT, founching that dipfinet, i.e. divides,
and reduces a Body into in franklish Paras. See Dissourd

Thus, Agna Regia is the Difformers of Gold; Agna fortis of Silver, and other Metals; Water, of Salts and Gums; Spirit of Wine, of Refins; Spirit of Vinegar, of Pearls, Corals, &c.

Sea-Salt is found the peoper Diffuseur of Gold: This, in almost any Form, whether as a Fluid, or a Solid, or a Spirit, does the Business: Accordingly, this is the Business: or fun-damental Ingredient of Agus Regis. See Gold, and Aqus

So Nitre is the proper Diffolvent of Silver; and has that Effect, in whatever Form applied: and accordingly is the Eafst of Aqua fortis. See Silven, and Aqua Fon-

Spirit of Nitre added to that of Sea-Salt, makes it dif-folion Gold the better: But Spirit of Sea-Salt added to Spirit of Nitre, difables it from having any Effect on Sil-

Spart of Nille, distinct it teem having any most on his-Me, Himberg, however, in the Memoir of the Prevail Anademy, fearlibes an Indianc of a Zinffebrium of Silver, be the composed of Spiret of Sair, and Spiret of Nille, only in fash land Quantity each, that they may fine tignately one in any Quantity. This Water may be made to weak, as not no Ajibbe Gold, bet only careal a right villow Weight of the Maril. New will it affine Shire, as not no Ajibbe Gold, bet only careal a right villow Weight of the Maril. New will it affine Shire, as the large so weak. So that both Marils are fish time it. But due, that is, stort it has careaded a yighten Shire; as be-ing so weak. The start was a substitute of the con-traction of the start whether starts, or spired with Spiret of Nille, hence and an account of the start of the start of the start of the what are ancide with the Shire. Which, by "mercaring

receiving the Impertion of the greater Quantity of Spirit Flashing piece the Water, and dimension is when they become be increased. It is a subject to the the Experiment content for increase in the increase in the increase of the increase of the increase in the increase of the increase

one, and contiguous, is divided into linke Para, either komo-geocoas, or herecognous, moral Name for all Reductions of 20 filbution, then, is a general Name for all Reductions of concert Bodies into their finalled Para, without any re-ceptation of the Word among Authors, it is referrined to the Reduction of fold Bodies imas 2 state of Flaidity a which is more properly experted by Solution, as a Barack of 20 fi-ficient. Be Sourceas. For "Greigits & Lautic Roman (Sourceas).

is more a very companied to the control of the cont See Air, and Minstruum.

See Ara, and Ministratum.
Sit Ifles Newston accounts for all Diffelentions, and the feveral Pharmomena thereof, from the great Principle of Arrallion; And, in Effect, the Pharmomena of Diffigulation furnish a great Part of the Argaments, and Confiderations, whereby he proves the Reality of that Principle. See Ar-TRACTION.

PRACTION.

A Specimen of that general durkow Wood Philadophining on the Subject of Displacetion take as follows: When Subt of Tarset displaces by June 1 and Tarset displaces by June 1 and Tarset in the Subject of Tarset displaces by June 1 and Tarset in the Sub at Turner, and those of the Carrette of the Sub at Turner, and those of the Carrette of Tarset and Windows and Tarset of the Subject of Tarset o Ali in Form of Virgonet! And why does not common Six, or Subspace, or Virtual do the Blas, but to Virtual Gab. See Subspace, and Virtual do the Blas, but in Virtual Gab. Plant of Virtual Gab. Plant

latic Atalian in cummon Warter, But that fine, are Jan, as those of all field Atalian. In Colliferation may be as a those of all field Atalian have been extended by the heat, that all field Atalian having been extended by the heat, that all field Atalian have been extended by the heat of heat of the heat of heat of the heat of heat of the heat of h

large Quantity of live Coals therein.

Dissolution, in Chymility, Pharmacy, &c. the Redaction of a compact, bard, or folled Body into a fluid State, by the Action of fome fluid Monfirman, or Different. See

MENSTREEM, and DISSOLVENT

by the Africa of four fluid Mospirums, or Displaced. See Misceranus, and Displaced. See Misceranus and Displaced and Misceranus and Displaced and Misceranus and Displaced in Water, which is the most imple Operation that fills and reliable to the see that the most imple Operation that fills and reliable to the operation of the Misceranus and Displaced in Misceranus and Displaced in Misceranus and Displaced in Neural Endoughills from the Misceranus and Displaced in Neural Endoughills for the Displaced in Neural Endoughill Endo asproach het Corpotetes of Sults, and run, as it wore, into cheir Embracus; and the Motion of them is quicker, or their Embracus; and the Motion of them is quicker, or their process of the Motion of the Point of Constit. Therefore, if Sult be thereony into the middle of a Dith, find of Ware, we shall find the approxe Particle, to the Constitution of the Constitution of the Constitution of a Dith, find of Ware, we shall find the approxe Particle of a Dith, find of Ware, we shall find the approxe Particle of the Constitution of the Constitution of the Constitution of the approxe Particles are curried with 65kile of the Vidgle about lingful; for this, who find a Mocion occe arise, the approxe Particles are curried with 65kile of the Vidgle about lingful; and Cockry, one-pative, a Pastage into the Ports of the Sulty, which are very letter a Pastage into the Ports of the Sulty, which are very rest, that all Cockeden of their Parts and disrupt of Incre-se, being Equators, and removed on a conversion Disincer from one assults, they were dispersed, and formed to a Disnocerous of Monta, Gr. by Pire, is particularly call Feffors. See France. call'd Finten. See Fusion.

callé l'égins. Ser Feuvou.

Dissocration de le Bissol, in an Affection of thus Hamer, durcis) equedier to Cargalarian. Ser Concertation direction equipaler to Cargalarian. Ser Concertation Dissocration de l'expertation de la Cargalarian de l'expertation de la Cargalarian de la Cargalaria del Car

Practice Artiss.

DISSONANCE, or DISCORD, in Mufic, a falle Confenance, or Concord. See Concord, and Contonance.

A Triffmance is properly the Refult of a Mixture, or Meeting of two Sounds, which are diffured by the Earth Sach are Direct, Trisones, Falle Fifth, Redundant Fourth,

Seventh, &c.

Security, &c.,

Tiffmeness are used in Masse, and have a good Essect
therein; the it be only by Accident. See Discosa.

DISSULSSION, is Rhenois. See Prassavanien,
DISSULSION, is Rhenois. See Prassavanien,
Lament, &c. &c. See Foott.

The Spender, Trechee, Jambus, and Py.r ischina, are difBiblioke Peer. See Sponners.

DISTANCE, is properly the flortest Line between two Points, Objects, &c.

The Word is also said figuratively for an interval, not only in respect of Place, but also of Time, and Quality.

Thus, we fay the Zijstance of the Creation of the Word from the Nativity of Fejas (Drift) is upwards of account of the World from the Nativity of Fejas (Drift) is upwards of account of the World Company. The Diffance between the Creator and Creature, is in-

finite.

For the Vision of Distance, or the manner wherein we come by the Idea of Distance in Objects. See Vision.

Distances, in Geometry, are measured by the Chain,

Decembeds, &c. See Chain, &c.

Inacoffible Distances are found by taking Bearings thereto from the two Extremes of a Line whole Length is given. Scc PLAIN TABLE, THEODOLITE, &c.

given. See Pears Tanza, Traspostrut, See.
Distances, is Geography, is the Arch of a great Circle
intericited between two Places.
To find the Difference of two Places A and B, (Tals.
Geography Fig.4.) far remote from each other: Affaine
weo Stations C and D, from which both the Places A and
B may be feen, and with a proper follorument find the
Angles ADC CDB ACD and DCB, and meafure the

Diffance CD.

Difference C.J.

Then in the Triangle ACD as Side, from which, by an actif Rale in Triponomerry, found under the Article Tax-NoLt., we find AD.

So alio to the Triangle CED the Bafe DC, and the Angles

at the fame being given, DB is found.

Laftly, in the Triangle ADB, having the Sides AD and DB, together with the included Angle ADB, the Diffamor required AB is found by the Rales given for the Refolution

whether the control of the control o

Suppole, E.gr. the Height of the Eye AB 3 which is funewhat lefs than in a Man of ordinary Stature. Since BC is 19695539, AC will be 19695544, and the Angle DAB will be found 850 57" Minutes, 45 Seconds. Confequencly DCB. or the Arch DB is 2' 17" or 137" : And, therefore, fince 1" or the Arch Did at 15 feet, DB 13c81^a of a Foot. After the fame manner we find the Diffamor AB, to which an Object of a given Altitude DB may be feen, and confoquently we know what Diffence we are off from an Object of a given Alritude, when we first discover the Top

DISTANCE, in Navigation, is the Number of Degrees, or Leagues, &c. that a Ship has fail'd from any Point. See

DISTANCE, in Aftronomy. The Diffence of the Sue, Planets, and Comets, is found from their Parallax. See

That of the fix'd Stars, as having no feelible Parallan, we can little more guess at. See Fixan Star.

The Different of the Placets from the Suo and Earth, in Semi-diameter of the Earth, supposing the greatest Horizontal Paralless 6"; and the Dimensions of the Orbits, as

affign'd by Kefler, are as follow. Dof. from Great- Mean. Leaft. Dof from Great- Mean Leaft. the Sun. eft. Mean Leaft. 1. CH. 13805561; 17444 274512 222250 179259 136268 92221 52944 15668 34996 34377 33759 60036 34348 9041 Jupiter 34,56 326925 368290 Situm187254178640 170016 Mars 57226 52306 47426 Earth 34995 34377 33788 Venus 25061 24889 24718 Mercury 16142 13340 10537 ŭ

Mr. Caffini makes the Diftances fomewhat left ; as fur

51138 37179 23221

Diff. from Great Mean. Leaft. Diff. from Great Mean Leaft.									
Diff. from	Great-	Mean.	Leift.	bell from	Great-	Mean	Leaft.		
Jupiter Saturn Mars	244000 143000	210000	176000 87000 8000	Venus Mercury Moon	38000	22000	11000		

Dr. Hook, by exact Observations with a Telescope of 16 Foot, perpendicularly placed, first discover'd, that the Distances of the Stars from the Zenith is not the same at

DIS all Times of the Year; Particularly the bright Star in the Drasgon's head he found ay, or so Seconds source the Zenith of Großnau College, is the Bennal Solfitee, than in the Effi-val. And after him Mr. Flamplerd observed the like Variations in the Pole-Star

Distrance of the Sun from the Moon's Node, or Apogee, is an Arch of the Ecliptic, intercepted between the Suo's true Place, and the Moon's Node, or Apogee. See Node.

Curtate DISTANCE, is the Diffence of the Plancts Place om the Sun, reduced to the Ecliptic. See Curtate.

Line of DISTANCE, in Perfective, is a right Line drawn from the Eye to the priorityal Point: Such is the Line OF, (Tab. Perfpedine Fig. 10.) drawn between the Eye O, and

(2 so. Perifective Fig. 10.) aroun between the eye-v, and the prioring Point F.

This, as it is perpendicular to the Plane, or Table, can only be the Diffance of the Eye from the Table.

Fourt of Distance, to Perifective, is a Point in the Horizontal Line at fach Diffance from the principal Point, as is

reacotal Line at tach Diffusion from the principal Point, as is that of the Fey from the fame. See POINT: Such is the Point P, or Q, (Tab. Perfpelline Fig.11.) in the horizontal Line PQ₃ whole Diffusion from the prin-cipal Point F, is equal to that of the Eye from the fame l

Distance of the Ballions, in Fortification, is the Side of the exterior Polygon. See Basylon.

DISTASTE, or DISGUST, a Loß of Appetite, or an Aversion, or Repagasore to Foods which are commonly caren. See Navisa.

Diftaffe is held by Phyficians one of the principal Dif-orders of the Stomach. It arifes from a Want of Senfation in the Upper Orifice of the Ventricle; which may be occasioned various Ways: as, by a too great Abundance of Food; thick, Various Ways : all, by a foo great Abundance of Food; thick, beavy Hamers in the Stomash fat, vifield Allment; Oh-thractices of the Lockels; Supprefilms of the utual Evacations; Intermitties of the cochursy Exercise; a Defect in the Netwo, to having their natural Faculty abolifitid, or faffected, as in a Lethergy, and Apopiety; a safe, according to Sarion, by a good, vificil Sailva, or a thick Bild; aftending our of the final Goustino the Stemach.

DISTEMPER, in Medicine. See DISEASE.

DISTEMPER, is also used in Paloring, for the working up of Colours with fomething else besides hare Water, or Oil.

COLOUR. If the Colours are prepar'd with the former of these, that Kind of Painting is call'd Learning; and if with Oil, it is call'd Painting in Oil, and simply Painting. See Lim-

called Personne are too,
survey, and Paintine.

If the Colours are mix'd with Size, Whites of Eggs, or any
feeh proper glutinous, or no-thous Subfishee, and not with
Oil, they then fay, it is done to Differenter; as the admirable

DISTENSION, the Act of firstching a Thing; also the tame of a Thing violently freshed, and differenced. The Calculus is a hard, folial, See, Body, causing a Stuor, Obstractions, and Differenced. Degori.

DISTICH, a Piece of Poetry, the Scufe whereof is comthended in two Lines

There are excellent Morals in Caso's Diffichs. See Vigneul de Marville on the Diffichs of Cato, T. 1. P. 54, 55.

Hexameter, and Postameter Verses, otherwacks, are disposed in Difficults. See Vense. DISTICHIASIS, in Medicine, a Diforder of the Eye-lids, herein, inflend or instead of one, they have two Rows of Cilia, or

Hairs. See Cilia. In the Diffichiafis, over the commoo, and natural Hair there grows another extraordinary Row, which frequently eradicates, and tears up the former, and pricking the Mem-brane, immediately invefting the Eye, occasions Pain, and draws Defluxions upon it.

Tis cur'd, by plucking up the second Row of Hairs with Nippers, and burning the Porcs, out of which they iffued. The Word is form'd of sis, source, and sixes, or serves, Order, Rank.

DISTILLATION, or DESTILLATION, in Chymistry, DISTILLARIUM, or DESTILLARIUM, in Community, and Pharmacy, the Art, or Act of feparating, or drawing out the flyrimous, adacuse, oleaginous, or faline Parts of a mixed Body from the groffer, and more terrelitial Parts, by means of Fire 3 and collecting, and condenfing them again by Coid.

of Faire 3 abor conceaung, abor sommaning times ago See Haar, V. The Ulf of Digitation is very great; it being by means hereof, that Waters, Spirits, Efferees, and Extracts are chiefly made. See Waters, Spirits, Fifteness, and Extracts are chiefly made. See Waters, Spirits, Tilly, U.S. Digitation is ufusily performed by means of Fire rais'd. Digitation of the Desire of Communitance Leaft require.

to a greater, or leffer Degree, us Circumitance leaft require. See FIRE.

The Fire is either applied immediately to the Veffels whereie the Matters are to be diffilled; or it is applied mediately,
by means of Water, Sand, Iron-fillogs, Se. There different Merhods of applying the Fire, are call'd Baths, Balnel; in James Marie or Marie Reinburg Arcustum &c. ALNEUM.
They are also call'd Heat's: as Sand-beat. Water-

They are allo call'd Hent's, as Sand-heat, Water-best, Sc. Sc. EHAAT.

"Biffillation is two-fold, 1. Per Affections, by Affect's when the Matter to be diffill'd is above the Fire, and the Spirit, or other Principle, is raifed from it.

"Per Defermins, by Defermin, when the Matter which is to be diffill'd is below the Fire, and the Vapour drawn from it, precipitated to the Bottom of the Verlan.

p. no. or gargar of the cone to be been as the Vargoue drawn.

Distriction by differs, is either Right, or Obligate,
Right Districtions by differs, is either Right, or Obligate,
Right Districtions, is preferred with a common Alemany,
and the control of the Right of the Control of the Control

and in Form of Pores, into a Receiver. And it challed

and when the Texture of the Rody in fach as allows of an

Obligate Distriction, in profited distervary, and in

crocked Vedick, as Reservi. to U.S. is for finch Rodies as

could of heavier Particle, and which could follow you will not

contain of heavier Particle, and which could be followed by

of the Alembied; of which Kind are almost all Minerals, and

Minerals See Reviews.

and Metals. See R. E. Ton. T.

DISTILLATION by Defense, is where the Fire is applyed
on the Top, and all around the Veffel, whose Orifice is at
the Bottom; and consequently, the Vapour not being able to
rife upwards, it is fore'd to precipitate, and distill down to

the Bostom.

There is a fecond Kind of Diffillation by Defeast, call'd

Per Deliquium; which is a Natural Liquifying, or Refolving of Salts into a Liquor, by means of Moifture. See Da-

Engures.

In the Refolation of Simples, an excellent Method to preferre their Viruse, its, in lieu of Fire, or any other foreign Heat, which might after, or delivor their Viruse, the temperature of the fire of the state of the fire Kind with those to be distilled.

The Procefs, and Meastures of Dyplitation, are very different, according to the different Schight to be distilled.

Activities were the state of the distilled of the state of the different Schight to be distilled.

and with a vehement Fire : Ponderous Woods, as Gua and with a vehrment Fire: **Ponderous Woods, as Gualacum, Box, Amber, Gr. ex. edigittid in a Rector, after the fame Manner. In thefe, fift comes a little Phiegm, and chen, the Fire increafing, the Splirit 80 out in white Clouds. When they ceafe to come, the Matter in the Receiver is filterand through a Tlunnic, which her paft the Spritts, leaving a black ferid Oil behind.

Odoriforous Plants, as Balm, Wormwood, Sage, Hyf-fop, Ga. are siftill'd by the Cacarbite, or Vefice; first poor otherigeness Plants, as Balim, Womwood, Stop, Flyffly, G. are ophility by the Causdine, as Piffers it in postrifed twaited, and letting the whole slight in a clote Veifel vom Day. Then also had letting the whole slight in a clote Veifel vom Day. Then also had like Water, or Spirit is faren-way by Dilithines, and what remains, being period, fil-erated in the plants of the property of the plant. Cloth after Experision, and bearing it, they make a Lizi-restrated in the Plants. Little, dripp with are massived in the Cloth after Experision, and bearing it, they make a Lizi-respond to the plants of the plants of the plants of Plants and the plants in the first 60 to the Plants.

"Plants with a cloth and the Plants in the Plants in the plants in the Spirit of the Alambar, well the Plant string models, and two Plants of the Alambar, with a Plant therein, which are finding any where the Veifel. Then there drive of short had read to the plants. What remains, be-ing perifed in a Cloth, and the plants fetted, sheep Elema-ted expected it is two Thirds, and fetting it in a cool Elemants of the Plants. What remains, be-ing period in a Cloth, and the plants fetted, sheep Elema-ned expected it is two Thirds, and fetting it in a cool Elemants of the Plants. What remains, be-ing period in a Cloth, and the plants fetted, sheep Elema-periment. They take, for Indiance, a Pounds of Foreers, more or clat, and pure in it is a call and the Alembark in a Veifich half fill with he, bears and filled, as if they meant or force the Kurer, when for a Receiver.

as if they meant to freeze the Water; then fit on a Receiver,

uncarameters are award and in or word to, teerin and littled, and all one a well. Then writing a lines of this hot witter, they over the Capital theorem's, repeting with excellent discretishing the results of the level witter a lines by which means the find fiven are raifed from the Flower, they over the Capital theorem's results of the results of the Part of the

And bence takes Occasion to recommend a further Prote-ention of this Plychroscephiis.

The Attent of Fluids, we are taught by Philosophy, is ef-fected two Ways: 1. On Account of their Specific Gravity; and 2. By Impulie.

The first Way of Elevation is manifest from this Lan-nes, viz. That Particles of Bodies which swim in any Fluid, if they are specifically lighter, math to been upwards by that Fluid. Hence, as distilled Liquous are carried upwards throt the Air, it is to be linguized, how they come to be specifically lighter than Air.

lighter than Air.

Now, a Fluid will be specifically lighter than another, when, under a larger Surface, it has an equal, or a lefs Gravity: According to this Proportion, the Bulk of the Fluid ought to be increased in Digitalization; and how cashly, by the Help of Fire, it may be increased, or, which is the same Thing, rarefied, will appear from what me have faid ander

the Articles RAREPACTION, HEAT, &c.

the Articles Ranapactruss, Han, 5c.
It is known by Compussion, that the Proportion of the frecise Gentity of Warr to that of Air, is tomething more than 800 to 1. Soor, therefore, finally feptives, or bolding are at the Cabes of this Diameter, and the frecise Genty december reviewedly, in the very fund Proportion, and the control of the Cabes of the Diameter, and the frecise Genty december of the Cabes of the Cabes of the Cabes of the Cabes of the Proportion, and Particle of Water lighter than a Particle of Air, no more in security of the not morely it, till In Diameter becames true times greater, which in this Cale is but a very fund! Diegen of Ranchellon is the face due to Diameter to Air Cabes of the Cabes of the Diameter in Air Cabes of Ranchellon is the face due to Diameter to Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of the Diameter in Air Cabes of the Cabes of th goe of Karrfeldon - for the Cale of the Diameter in a Par-siste for speeds, by a 200... If the Diameter be made at times generally the Cale will be 1313 and if rockey, 138. Do commended to the Cale will be 1313 and if rockey, 138. Do commended to the Cale will be 1313 and if rockey, 138. In the Cale will be 1313 and if the Cale will be carried on further, it may easily be collected from the Incredic of the on further, it may easily be collected from the Incredic of the infinitely labels when the Nove, the Elevation of Bedies equally Baild, and heavy, is always proportionable to their different aptriates to be rarefield, 141 at, they aftend quicker, different Apriliade to be rarehed; that is, they alcend quicker, upon the Application of any Force, the more infectible they are of Rarefalction: but in Bodies, whose Apriliade to rarely is cound, the Time of Afront is to be determined by their fpecific Gravity.

is equal, the Time of Afents is to be determined by their Bay Vin and up flygetic Gravity that flew to a desired length of their Afents. The language of the their Afents are languaged to the state of the state of their Afents are languaged to the state of their Afents are languaged to the state of their Afents are languaged to the state of their languaged to the state of the state of their languaged to the state of the state of their languaged to the state of th Air is, or the Surface of the Body and fwifter will the Elevation be-

and firstfer will the Elevation be.

So Fire, the I be a Body of the minnet? Size, may be moved with that Rapidity, as to acquire, and committee of the third of the size of t

Impublic of the Fire and in Diplilation.

Another Thing, we be noted, in Parts the fame Quantity of Matter is devaned for much the cafer, in Proportion, as the Particle of Fire is received a head of the Cafer, in Proportion, as the Foreign of the Particle of Fire is received a heading, therefore, this medium of Foreign of the Cafer is received by the particle of Fire is the Cafer is an interest of the Cafer is the Cafer in the Cafer is the Cafer in the Cafer is the Cafer in the Cafer in the Cafer is the Cafer in the Cafer in the Cafer in the Cafer is the Cafer in the Caf

pulse; for being rarefied by the Fire, it is not only impelled mpwards it felf, but carries other Particles up with it: and anywario it left, but carries other particle up with it: also it may be karried by many very similar Experiments, what Imprint Bodies to marfied exert. Whotover, therefore, well considers their them Things, only. Specific Levity, an Impri-ling Force; and the Extent of Surface; and what may be effected by them, and how many Ways, and in what Pro-portions all of them may be changed, will very early account for all the Variety, which is found in the feveral Procedits

of Diffried Notion, or Idea, according to Mr. Leibnitz, is, when we can enumerate Marks and Characters enough whereby to recelled a Thing. E. gr. That a Circle is a Figure bounded with a Carve Line that returns into itself; all the Points whereof are equally distant from one middle Point. See Novitos, and Int.

DISTINGT Bafe, in Opticks, is that precife Diffance from the Pole of a convex Glass, in which Objects, beheld through S*

appear diffinet, and well defin'd; So that the Diffinet to coincides with what we otherwife call the Focus. See The Distinct Base is caus'd by the Collection of the Rays

In the Diffuse Bage is caused by the Collection of the Rays proceeding from a fingle point in the Object, into a fingle Point in the Repredication; and, therefore, Concave Glaffes, which do not unite, but feather, and diffigure the Rays, can have no real Diffinith Bags. See Concave. DISTINCTION, a Divertity of Things, or Concepcions: Or, as Logicians define it, an Affemblage of two, or more Words, whereby desparate Things, or their Conceptions, are denoted. Hence it is evident, that Distinction arises out of Division.

A Meraphyfical Distinction, call'd also by the Schoolmen Aliesas, Alseritas, and Diverfitas, is a Non-agreement of being, whereby this Entity is not that, or one is not an-

There are three Kinds of Diffinctions taken from the th different Modes of Existence; the first Real, the second Mo del, and the last Rational.

A Real Distinction, is that between Things which may exist, or be conceived to exist a-part from each other; such is that between two Subitances, or the Modes of two Subfrances

A Modal Distinction, is that between feveral Things, A Modal Distrinction, is that between leveral Things, one whereof may exift without the other, but not view verific, the other without that; such is that between the Mind, and an Act of Will; between Wax, and its Hardness; Water, and its Freezing, &c.

A DISTINCTIO Rationis, or Rational Diffinition, is that between feveral Things, which are really one and the fame, and whereof one cannot exist without the other, nor wice tame, and whereofone campet exill without the other, nee ever wor/s the other without this: Such is that between a Thing, and its Effence; between the Effence, and Properties, &c. Of this Diffunction from Authors admit two Kinds; the one Fameded, barbaroufly call'd Rationis Ratiocinate, and having from Foundation in Things; as when we diffin-guish the Justice of God from his Mercy: The other Nos-

jounded, call'd Rationis Ratiocinantis, which has no Founformeds, call'd Retions Retroctments, which has no Foundation at all, and thereforce is by many quite rejected.

The other contrad, that there is no Diffusel's Retroit, but is at the fune Time a Real Diffusel's Retroit, but is at the fune Time a Real Diffusel's Retroit, but is at the fune Time a Real Diffusel's Retroit, but is at the fune Time a Real Diffusel's white Milk; and a just God, and mercial God, as white Rilk; and a just God, and mercial God, as white

While and feet Milk. But when I fay, Milk is diffinguished from white Milk, or white Milk from freet Milk, the Difinction falls between Whiteness and Sweetness, which is a Real Diffinction. See Assyr Action. DISTINCTION, or DISTINGUO, in the Schools, an Ex-

pedicut to evade an Argument, or to clear up, and un-told an ambiguous Proposition, which may be true in one Senfe, and falle in another.

Sents, and table in another.

The Refjoundant was hard profile, has be different of hinder by a Diffington.

Addison makes T.D. fay to his Miffred, who had told him, be must fulunit to the Will of a Perfon he loved a Diffington, Macanopille y pour l'Interpé de fon Amour, Concedo: Cautre for Pelffon, Nego.

DISTOR PUDE in Medicine. Different of the contraction of the contraction of the profit of the contraction.

Concedo: Courte la veggous, rego.

DISTORTION, in Medicine. Different oris, or Differtion of the Month, is a Contraction, or Shortening of one Side
of the Month, occusion'd by a Convaliding, or a Palify of the
Mufcles of one Side the Face. See Convergion, it is on
the lame Side with the Convalidion, the Force of the convaltion of the Convergion of the Convergion.

fed Part being superior to that of the found Part : On the contrary, when it arifes from a Paliy, it is on the opposite Side, the paralytic Part being here furmounted by the found. See Pals

In a Differtion of the Mouth the Patient can only fpit on one Side; and if you make him laugh, or oblige him to pro-nounce the Letter O, you'll eafily perceive, that he only moves one Side of his Mouth. The Greeks call this Diforder oversus zonade.

There is also a Differeion of the Eye, call'd Squineing, or Strabifmus. See STRABISMUS.

DISTORTOR Oris, in Anatomy, a Muscle of the Mouth, call'd alfu Zogomaticus. See Zygomatyrens. See ZYGOMATICUS, call'd anu zogomaricus.

DISTRACTION, iu Medicine, the Act of pulling a Fibre,
Membrane, or the like, beyond its natural Extent; and what
is capable of this Enlargement, is faid to be diffrafible.

See FIERE DISTRAIN, in Law. To diffrain is to attach, or feize n one's Gueds, for the Satisfaction of a Debt. See Di-

DIST'RESS, in Law, fignifies a Compulsion in certain real Actions, whereby to bring a Man to appear in Court, or to pay Rent, or other Duty denied.

The usual Effect of Districts is to drive the Party sistrained to replevy the District, and to take his Action of Trespats against the Districts or ever effect to compound with him for the Debt, or Dury, for which District was made. Districts of divided by Briton into Real, and Personal. Personal Divra was in made by districting a Man's more.

able Goods, and seifing all the Profits of his Lands, and Tenements from the Telte, or Date of his Writ; for the Defend Contempt in not appearing to an Action brought against him, when he was summoned, or attach'd: And the situes so re-turn'd by the Sheriffs, are sorticited to the King, and estreated

tum'd by the Sacrum, are tortested to the King, and citreated into the Exchoquer. made on immoveable Goods. It differs from an Attachment in this, that it cannot be taken by any common Perfon, without the Compats of his own Fee gencept it be prefently after the Cattel, or other Things, are driven, or bore off the Ground, on Purpote to avoid 20/1979. See ATTACHMENT

Difress is also divided into Finite, and Infinite.

Finite Distraces, is that limited by Lew, how often it shall be made to bring the Party to Trial of the Action,

rie. once, twice, &c. une cont, vasce, Oz.

Infinite Desvaesa, is, without Limitation, till the Party
come; as against a Jury, which refuses to appear upon Certificate of Affic, the Process is Fenire facial, Habeas Corpass, and Differs Infinite.

Latity, Differs is again divided into Grand Diffres,
be Eigherbert and 2

Lastiy, Distress is again divided into Grand Distress, by Fitzberbers call'd Magna Districtio; and Ordinary Distress.

Grand Distress, is that made of all the Goods and Chattels the Party hath within the County. See GRAND

Chartels the Party bath within the County. Occ Unama-phyling in Count Things not diplerationly. For a 400-phyling in Count Things not diplerationly. For a 400-phyling and the of a Thing, whereof a valuable Property is in tome body; and, therefore, Dogs, Backs, Comys, Gr., that are fore Nature, cannot be alphanused. Applin, abide it be of a valuable Property, and Herfe, fyre that the state of the county of the county

man's Hand claiming woods and the late, are for that Anne privileged, and cannot be diffreined.

Again, valuable Things shall not be diffreined for Rent, which are for the Benefit, and Maintenance of Trades, and which, by Confequence, are for the Common-Wealth,

which, by Confequence, are for the Common-Wellih, and are by Authority of the Law there, a sen Horfe in a Smith's Colon, and the Colon of the Colon of the Colon of Colon, or Garmens in the Taylor's Stop and Colon or Mail in Allin, or a Market; nor any Thing different for Damage-dealant, for it is in Coffestic Logic. The Colon of Beails belonging to the Plow shall not be di-

jiránná. Lailly, Farnaces, Cauldrons, or the like, fix'd to the Free-holds, or Doors, or Windows of an Houfe, or the like, cannot be áifirarinaé: When a 20jirroß is taken, that has Life in it, it muil be brought into the common Pound, or kept in in open Place, where the Owner may give it Foud. DISTRIBUTION, the Act of dividing a Thing into fe-

ral Parts, in order to the disposing each in its proper Place. See DIVISION. A Dramatic Poet should have distributed his Subject into Acts and Scenes, ere he proceed to the Versification, &c. See

Act, Sc. Orators distribute their Harangues into Exerdium, Nartries, Confirmation, &c.

The Jewife Nation was diffributed into 12 Tribes, See

TRIBE The Digoft is distributed into 50 Books. See Digest.
The Distribution of the Food throughout all the Parts of

the Body, is one of the greatest Wonders in Nature. See Dathe Body, is the or the greatest wonders in Nature. See III-OERTION, and NUTRITION.

Memmal, and Dentifies DISTRIBUTIONS, are certain Memmal, and Dentifies DISTRIBUTIONS, or Rounders thereof, to be diffributed to fach of the Canons of a Chapter

as are actually prefent, and affiftant at certain Obits, Offices

Distraisation, in Rhetoric, a Kind of Defeription; or a Figure, whereby an orderly Division, and Enumeration is made of the principal Qualities of a Subject. For Example, the has the Light to give our Faults, the Justice of the principal of the Authority to Smith with the Contract of the Particle of the Contract of the Particle Office of the Particle

Their Threat is an open Sepaletre, they factor with their Tonguet; the Poilon of Alfa it under their Lips; their Mouth is full of Curfing, and Lyes; and their Feet fouilit to feed Blood.

DISTRIBUTION, in Printing, the taking a Form a funder, feperating the Letters, and disposing em in the Cases again, each in its proper Cell. See PRINTING.

DIT 221 1 DIV

Distribution, in Architecture. Distribution of Plan, is the dividing, and dispensing the several Party Pieces, which compose the Plan of a Building. See C-- D--

Distribution of Ornaments, is an equal, orderly pla-cing of the Ornaments in any Member of Architecture. See

MAMENT.

DISTRIBUTIVE Justice, is that whereby we give every refon what belongs to him. See Justice.

DISTRICT, the Territory, or Extent of jurisdiction of a

Judge. See June.
A Judge, or Officer
A See Juner. See TURISDICTION. or Officer cannot judge, or aft out of his own

Distract, is properly the Place wherein a Man has the Power of diffraining; or, the Circuit, or Territory, wherein one may be compell'd to appear.

Where we fay, Hors de lost Foe: others fay. Extra Di-

feritim from

DISTRINGAS, a Writ directed to the Sheriff, or other Officer, commanding him to diffrain one for a Debt to the Officer, commanding him to differaln one for a Dept to the King; or for his Appearance at a certain Day. See DISTRESS, DISVELLOPED, in Heraldry, is used much in the fame Sense with Display'd. Thus Colours faid in an Army to Sense with Zippiay's. Thus Colours raid in he fiving, are in Heraldry faid to be difbellowed.

be fying, are in Hernidry faid to be driftellopted.

DITCH, in Fortification, call'd alib Folf, and Most, a
Trench day round the Rampart, or Well of a fortified Place
between the Scarp and Counterforp. See Mostr.

Some Ditches are dry; others full of Water: Each
whereof have their Advantages.

The Earth dag out of the Ditch forces to form the Ram-

See RAMPART part. See RAMPART.

The Direct should be of such Breadth as that the TallestTree may not reach over it, i.e. from 15 to 20 Fathoms;
The the Rule others give for the Dimensions of the Direct.

s, that it afford Earth enough to build the Rampart of due Magnitude.

The Space hetween the Rampart and Ditch, being about 6 Foot, is call'd the Berm, or Life. See Berns.

DITHYRAMBIC, belonging to the Dithyrambus; as hithyrambic Verfe, Dithyrambic Poet, Dithyrambic

Dithyrambic Dittyramore Verne, Dissyramore Sees,
A Compound, Dithyrambie Word, Mr. Daciar observes,
A Compound, Dithyrambie Word, Mr. Daciar observes,
has fometimes its Beausy and Force. Some Moderns call
Compositions in the Taffe of the Ode, only not distinguish? Into Strupber, and confifting of all Kinds of Verle indifferently, Dithyrambic Odes. See DITHYTAMBUS.

The Composition of Berke to Greece, and the

Dithyrambic Poetry owes its Birth to Greece, and the Transports of Wine. It savours firougly of its Original; as admitting of no Rules, but the Sallies of a fiery imagina-Imaginaadmitting of no Rules, but the Sallies of a ferry Imagina-tion, And yet Art is not quite excluded; ber delicately applied, to guide and refirain the Dirhyrambie Impetaofity, and only indulge it in Flights that are pleafing. In effect, what our Poots fity of the Ode, is more true of the Dirhy-rambia, than of the Ode, that its Diforder is an Effect of Art. See Pardmark.

DITHYRAMBUS, in the ancient Peetry, a Hymn in Honour of Zacchus, fall of Transport, and Poetical Rage. The Measure, which is what diffinguishes this Kind of Peetry, is faid to have been invented by Distrymators, a Poetry, is laid to have been invented by Dispyrambus, a Theban; but Pindar attributes it to the Corintbians; and the modern Etymologiits familh us with another Origin

of the Word.

of the Word. In effect, the Verife might be call'd thus from the God it was confectated to, who himself was call'd Distryrambus; Either on Account of his having been brought twice into the World, according to the Fable of Sensele and Juffier, or on Account of his having trainmight over; the World being a Compound of this proise, and dynamics; the Word being a Compound of this proise, and dynamics.

numph.

Be this as it will, the Ancients, as we are told by Ariffatele
and Harter, gave the Appellation Disbyrambus to those
verfew sherein more of the common Rules, or Mediures were
oblered, much like those call'd by the French Forst Librer, by
the Italiana Forst Societis, and by the modern Greeks, Pubtici, a Name they give to Prote, which these Verses refemble more than Poetry. See FINDARIC.

We have now no Remains of the Disbyrambi of the an-cient Poets, fo that we cannot fay precifely what their Mea-

fare was: All we know is, that it was very post, and regular. The Poets not only took the Liberty to forge new Words for the Parpofe, but made double, and which con atributed very much to the Magnificence the Diskyrambus.

Horace has fometimes imitated 'em. Horace has fometimes imitated 'em. Misser, Fa. com-mirs, and fome other modern Whiters, have composed Latin Pieces of all Kinds of Verse indifferently, according as the Subject, and Words presented thermelves, without any Order, or Distribution into Strophes, and call 'em Distryrambi, DITONE, Distratum, in Mass, an Interval comprehend-ing two Tones. See Interval., and Tone. Dacier, Fa. Con

The Proportion of the Sounds that form the Ditone is a The Proportion of the Sounds that form the Ditone is 4 to 5; and that of the Somi-ditone, 2s 5 to 6. Fa. Parran makes the Ditone the 4th Kind of fimple Contords, as commakes the Diriene the 4th Kind of fimple Concords, as com-prehending two Tocos, a prestr, and a leffer, Ostorious to it the first Differed; dividing the Diriene into 18 equal Parts, or Comman's, the Nice on the acute Gibe and greater Tocos, as affected by Solomon de Catter. The The Word is formed of Pis, wrice, and rists, Tocs. DITRIGIATPH, in Architecture, the Space between two Triplyphs. So Transvers.

DITRICLYPH, in Architecture, two quasars and Tricyphs. See Tanotzers.
DIVAL, in Herskler, the Herb Night-facts, nick by fisch as blazon with Flowers and Herbs, nicked of Colours and Montal Colours and See Season.

Montal Colours of the Colours of

reachig.

This Feaft was established on Occasion of a Difease which destroyed Man and Beast: That Difease was a Kind of Squinancy, or Instantation and Swelling of the Thront, call'd in Latin Angiens; whence the Appellation Angeronalis, as Macrobius relates Lib. I. Saturn. C. 12. See Angeron.

On the Day of this Feath, the Pontifices perform'd Sacrifice in the Temple of Valages, or the Goddess of Joy and Plea-fure, who was the fame with Americans; and Supposed to in the semple of resupra, or the Goddess of jofure, who was the fame with Augerous; and drive away all the Sorrows and Chaprins of Life. DIVAN, a Council-Chamber, or Court wherein Justice is dministred, in the Eastern Nations, particularly among

Travellers relate Wonders of the Silence, and Expedition of the Dingers of the Fost

We fay, The Grand Vizier has held a Divan; meaning, he has affembled the Granders of the Post to deliberate of

the Affairs of the Empire

Directs in an Archele Word, inpulying an Efrede, or the fame with Sofe in the Yorkip Dialect. See Sora.

The Word is at the Workip Dialect. See Sora.

The Word is at the wife in a Hell, in the private Houses of the Orientals: The Coulom of China down not allow the crevings of Villes in the inner Perse of the House, but only at the Entry, in a Directs contrived on Purpose for Cerumonics. Le Campus.

DIVAN-Begai, or Beghi, one of the Ministers of State in berfis. The Divan-Begai is the Controller of Justice: His rfis. The Divisit-Begar is the Controller of Judice: His re is the last of the fix Ministers of the second Rank, who Place is the last of the mx squaiters of the recond Rank, who are all under the Estmadauler, or first Minister.

To the Tribunal of the Divas-Began Appeals lye from Sentences pass'd by the Governours. He has a fix'd Stipend, or

Semences path by the Governours. He has a fix'd Scipend, or Appointment of Scooo Cowans, that he may rendef pulling graits. All the Sengeauts, Ulbers, 85c, of the Court, are in the Service of the Dissus-Seguri. He takes Cognisance of the Criminal Canfes of the Court, Governours, and other great Londs of Perfia, when accurded of any Fault, and receives Appeals from the Disrugal. There are Divan-Beghi's not only at Court, and in the Ca-

a nore are <u>Ulinose Bughi</u>'s not only at Court, and in the Capital, but alid in the Previnces, and other Cities of the Empire. He is not confin'd by any other Law, or Rule in the Administration of Juffice, but the Alcovan; which, too, he interprets at Pleafure. He only takes Cognizance of Crimical Causes.

DIVERGENT, or DIVERGING Lines, in Geometry, e fuch whose Distance is continually increasing. Lines which converge one Way, diverge the opposite Way.

e Convergino.

Sec Convagation.

Divaragine, or Divaragine, in Opticks, is particularly applied to Rays, which illings from a redust Folia, or Intervagation, or Section, or Intervagation, or Central Convagation, or Convagation, which implies the Rays to approach each other; or to tend to a most factor of the Convagation of Convagation

Concave Glains render the Rays diverging; and Contex cores, converging. See Link.

Concave Mirrors make the Rays converge; and Convex cores, diverging, see the Rays converge; and Convex cores, diverges. See Miranon, and allo Convexitive, Concavitive, Ray, Rayaactions, and Raylexides.

This demonstrated, in Opticks, that as the Dingit; 2.m.

pretry large Pupil does not exceed g" or 1 of a Digit; 2.m.

DIVERGING Hyperbals, is one whose Legs turn their Con sexities towards one another, and run towards quite con-See HYPERBOLA

DIVERSION, in War, is when you attack an Ennemy in one Place, where be is weak, and unprovided, with Defiga to make him call his Forces from another Place, where he

was going to make an Irruption.

The Ramens bad no Way to drive Hannibas out of Italy, but to make a Diversion, by attacking Carthage.

DIVERSION, in Medicine, is the turning of the Courfe, Flux of Humours from one Part to another, by proper Ap-Flux of Hamoun from one Fart to mother, by proper Applications. So the Neuroscient, and DEVERSTY differs from Difficulties in the Mind Learn in the Work of the Mind Learn in the Work of the Mind Learn in the Work of the Mind Learn in the Mind Lea

DIVESTING, properly fignifies Undreffing, or stripping off one's Garments, in Contra-distinction to Investing. See

INVESTITURE. it is us'd for the Act of furrendring, or relinquist in Law, it is use for the act of unrecorning, or reinfquili-ing one's Effects. By a Contract of Donation, or Sale, the Donot, or Selbr are faid to be differed, and divogred of their Property in fuch a Commodity, and the Donee, or Purchafer

Property in users a commontry, uses the Done, or Parchater becomes invested therewith. Demission is a general Divestisure, which the Fathers and Mothers make of all their Effects, in Favour of their

DIVIDEND, in Arithmetick, the Number given to be divided; Or that whereof the Division is made. See Da-The Dividend must always be greater than the Divisor.

The Quotient always contains as many Unites, as the Di-DIVINATION, the Art of foretelling future Events. See

Divination is divided by the Ancients into Artificial and

Natural.

Artificial is that, which proceeds by reasoning upon certain external Signs, which it confiders as Indications of Futurity: Natural is that, which prefages Things from a mere internal Sense, and Perleasion of the Mind, without

any Afliftance of Signs.

Natural DIVINATION is of two Kinds : the one Native; Matured Division is not working in the one Authory to the other by leffin in bundle on this Supposition, but the Soal, The first is bundle on this Supposition, but the Soal, and the Body, has, from its own Nauere and Efficient from the Body, has, from its own Nauere and Efficient from the Soal, has, from its own Nauere and Efficient from Event States of Stature Things; Winnés what is from in Domen, Exastics, the Conflicte of Dorbit, Sic. "The frond is founded on this, that the Soal receives, after the Manner of a Mirney, from Evendeya Humistation form the Prefere of God, and other Spirits.

Artificial Division areas in all of the Conflicted Divisions in the con-

derighed Devisacions is also of two Keshi, the one spings from Natural Confer, that we the Profilition of Phylicians about the Events of Dichies, from the Padis, of the Padis of the Padis of Phylicians about the Events of Dichies, from the Padis, The Incoal Proceeds from Engineers and Observations. The Incoal Proceeds from Engineers and Observations, Incides are the Spiness of Diversities reducible to the Head's Dy Head, the Eurobe of Burgle, Diversa, Lieur the Monton of Servey, the Art. Fers, the Serves Frenchise, and Huntries, and Huntries, Nauerous orders, with the "Diplettenergy, Selegeous," Which Conditis it collines on

Phychamaney, or Scientistey, which confilts in calling up the Souls, or Shades of the Deceas'd, to learn of 'em fomethe Seals, or Shades of the Docards, to learn of true forms-thing required. Despitements, performed with present of co., er more Kings. Bi-ferensine, performed with Seal-Wierz. Pognameny, with Septim-Wierz. Orienthosistos, which was Krex. Galirensaney, with a Riddle, or Sorre. Cleaning, By-Wiend, or Youe. Estiphients, by the Bernis of Victims, Alphiensaney, or Alestrosaney, by Ebourz. Kernsunfer-by Wonds, or Youe. Estiphients, by the Bernis of Victims, Alphiensaney, or Alestrosaney, by Ebourz. Kernsunfer-by Stondel. Milleriaments, by Garment, by In-Lithoneroe, by Stones. Legislansaney, by Lamps. Kern-suney, by the Deep Legislansaney, by Lamps. Kern-suney, by the Deep Legislansaney, by Lamps. Con-traction, Origidy, by Eggs. Legislansaney, by 3 thing of resting, Staffation, areas, by the Publistion. or Mogion of Water. Geftraminer, by the Belly, or by Vinle. Pedigi-riation, Solifferin, etashey, by the Pullitien, or Moether from Momber. Arienment, by a Hanther, or Cleaver. Co-tom Comment. The Comment of the Comment. The Comment. of the Comment. The Comment of the England of the nearly, by Figures of Was. Arternomenous, by Namber, Sciences, by Arono. Spennings, &c. all definition of Cardon in his IVth Book, & Softwaria; a sed under their Descriptions and Softwaria (Softwaria). See Precentations.

DACTHOMANCY, SORTES, &c.

Flud has feveral particular Treatifes of the feveral Species of Divination: Cicero has two Books of the Divination of the Ancients, wherein he refutes the whole System. of the Ancients, wherein he refutes the whole System. All these Kinds of Divination have been condemn'd by the Fathers, and Councils, as fupposing some Compact with the

In Holy Scripture we find mention made of nine different Kinds of Divination.

The date performs it by the Infection of Pincon, Stars, and Clouds. The fine did not be brushern or the Mannes, and Major calle physics of the Major calle physics of Caville 1, 12. Those, when the Prophet calls in the finese Pinco Physics of the Major called TRES. 4. Such Authors, whom Mofet in the Isahe Unspire, call'd Parkon; or, as Mofet expedies it in the fame Book, 21% NMC, hole who ask Questions of Parkon; or Mispirians, when Mofet calls 1377 Judeous. 7. Thole, who conflict the Dead, Narroumorert. 8. The Prophet He-who conflict the Dead, Narroumorert. 8. The Prophet He-(פוסל C.IV. 11. mentions fuch as confult Rods, לשאל ביקלי which Kind of Divination may be call'd Rabdomaney.

The last Kind of Divination mention'd in Scripture, is Heparoscopy, or the Consideration of the Liver. DIVINE, for fomething that comes from, or relates to a

God. See Gon.

The Word is also wid, figuratively, for any thing that is excellent, extraordinary, and that ferms to go beyond the concentration of the conc

The Arabit give the Appellation of Divines, NYTH Ela-bious, to their fecond Sect of Philosophers, which confiits of fach as admit a first Mover of all Things, a spiritual Sub-flance free from all Kind of Matter, in a Word, a 664. By this Name they diffiguish from from their first Sect, mance tree from an Kand of Matter, in a Word, a God. By this Name they diffinguili, 'em from their first Sect, whom they call Debersons, or Photosom, i.e. Worldly, or Namal, or rather, Worldlings, and Naturalists, as admit-ting of no Principles beyond ine Material World, and Na-

The Word אַלְוּיִא Elakiosın, is deriv'd from אַלא Alla, God: So that the Elakiosus are the Divines, or Theo-logues, as Castellus renders it; or, such as own a God. DIVINITY, the Nature, and Effence of God.

Divinity and Humanity are joyn'd together in Jefus Chrift. 'Tis faifly, that the Atheifts hold the Notion of a Divinity to be a Political Invention of the ancient Legitlators, so fecure and warrant the Observation of their Laws: On the contrary, 'tis certain, the Legislators made Use of the Opinion, which they found already impress'd on the Minds of the People.

Minds of the People.

The Heather Divinities may be reduced to three Classies.

The first was Divinities may be reduced to three Classies.

The first, Theological, representing the Divise Nature under

divers Articuluses, Thus Typiter denotes the absolute Power

of God, Jamob his Julice, Go.

The 'second Class of Divinities are Physical'. Thus Lebiss

The 'second Class of Divinities are Physical'.

is that Power in Nature, whereby Vapours and Exhalations are collected to form Winds, &c.

The last are Moral Divinities. Thus the Faries are only

he fecret Reproaches and Stings of Confcience DIVINITY is also us'd in the fame Sense with Theology, e THEOLOGY.

DIVING, the Art, or Act of descending under Water to considerable Depths, and abiding there a competent Time. The Utes of Ziring are very confiderable, particularly in the Fishing for Pearls, Corals, Spunge, &c. See Paarl

the Filtring, ter Pearls, Corean, openings, ver our tenant-fifting, Structa, Ed.. There have been divers Methods proposed, and Engines contrived, to render the Business of Diving more fafe and easy. The great Point is to familit, the Divor with firth Air, without which, he must either make a floor Stay,

Air, without waren, at must three make or perith.

Those who dive for Spunges in the Mediterranean, help themselves by carrying down Spunges dipt in Oil in their Mouths. But considering the final Quantity of Air that can be contained in the Pores of a Spunge, and how much that little will be contracted by the Preflure of the incumbent with the present of the present of the contracted by the Preflure of the incumbent when the present of t after war to coursecount by the reference of the incuments of Alir, facts a Surphy camon leng fubfilt the Driver. For it is found by Experiment, that is Gallon of Air included in a Blindder, and by a Pipe reciprocally injuried and expired by the Lungs, focumes unfit for Refigiration in little more than one Magneto of Time. For the it is Eldficity be but little alter'd in passing the Lungs, yet it loses its vivifying pirit, and is render'd effete.

In effect, a naked Diver, Dr. Halley affures us, without Spunge, cannot remain above a couple of Minutes enclosed a Spange, cannot remain above a couple of Minutes encloted in Water; nor much longer with one, without Sufficating, nor, without slong Practice, near to long; ordinary Perfoxs beginning to thifte in about half a Minute. Befides that, if the Depth be confiderable, the Pretiure of the Water in the Manthaman and the state of the Water in the Manthaman and the state of the Water in the Manthaman and the state of the Water in the Manthaman and the state of the Water in the Manthaman and the state of the Water in the Manthaman and the state of the Water in the Manthaman and the state of the Water in the Manthaman and the state of the Water in the Manthaman and the state of the Water in the Manthaman and the state of the Water in the Water in the State of the Water in the Water in the State of the Water in Veffels makes the Eyes Blood-shot, and frequently occasions a Spitting of Blood

Hence, where there has been Occasion to continue long at Hence, where there has been Octained to continue long at the Bottom, fome have contrived double flexible Pipes, to cir-culate Air down into a Cavity enclosing the Diver, as with Armour, both to furnish Air, and to bear off the Profiler of Armour, both to farmin Air, and to bear on the Prefigure of the Water, and give leave to his Breaft to dikee upon Infpira-tion; The fresh Air being forced down one of the Pipes with Rellows and returning by the other of 'em. not salike to an Artery, and Vein.

Airery, and Vein. But this Method is inpracticable when the Depth furpaties 3 Fathoms; the Water embracing the bare Limbs to clottly as to clottled: the Circulation of the Blood in em and with-all prefiling for throughy on all the Junchares where the Airmonia is made tight with Leather; that if there be the leaft Defect in any of them, the Water rathers in, and influstly falls the whole Englist, or the general Danger of the Direct?

The DIVING-Bell, is a Machine contriv'd to remedy all the Enconveniencies. In this the Diver is fafely convey'd to any reafonable Depth, and may flay more or lefs Time under Water, as the Bell is greater or lefs.

Water, as the Rell is greater or left.

"It is not conveniently made in Form of a truncated Core, the finaller Bale being clothe, and the larger open. It is to be posted with Lead, and fin fightened, that the Vellet may fait full of Air, with in open Basis downward, and for the left of Air, with its open Basis downward, and for the third of the Basis of the Water all at once. Under this Converte the 2Direct faiting, finish down with the incloted Air into the Petrol deviced. I and if the Cavity of the Vellel may comin a Tun of Water, a faigh Man many yearnin a fall Hora; withour mach Inconvenience, as I may yetter than the Hora; without mach Inconvenience, as I may yetter the Air Hora; without mach I convenience, as I water the Air Man and the Man and t

or & Fathoms deen

or o rationis step.

But the lower you go, fill, the included Air contracts itfelf, according to the Weight of the Water that compresses it;
So as at 33 Foot deep, the Bell becomes half full of Water,
the Pressure of the incumbent Water being then equal to that of the Puttine of the incumbent Warre being then even in that of the Amoffshore I and at all other Depths the Space coupled by the compared B in the upper Bare of the Boll at I in the upper Bare of the Boll at I in the upper Bare of the Boll at I in the upper Bare of the B in I in I

One homewhere that entrels it, is found in the convenience that entrels it, is found in the convenient, and that by Peres 6 finall, as out in jur. Administration of the period of the p

reiterh in Ar ferne Jinn to 18ml, ode 480 to keep the
after the following Manner;
His 29ming-20cl was of Wood about 6s Cable Feer in in
Concertity, count of externibly with Lead to keep that in
Concertity, count of externibly with Lead to keep that in
about its Bostom, to make the defend perspecticality, and
no otherwife. In the UP was fact a Callo his kee Weekee,
Afri And below, about a Yard under the 25ml, was a
Songe fulperhald from it by their Regard, each Aungle with
an handred Weight, to keep it though.

Google following the Callon was the Songe for the Callon of the Songe
for the Callon of the Songe for the Callon
and the Callon of the Callon
and the Callon of the Callon
and the Callon of the Callon
and the Ca the Deform, could not escape up this Pipe, unless the lower End were lifted up.

End were lifted up.

Thefe Air-Barrels were fitted with Tackle, to make 'em

rife and fall alternately, like two Buckers; being directed
in their Defent by Lines faften'd to the under Edge of the

Bell: So that they came readily to the Hand of a Man plac'd

on the Stage, to receive 'em; and who taking up the Ends of the Pipes, afton as they came above the Surface of the Water in the Barrels, all the Air included in the upper-Part thereof was blown forcibly into the Boil's, the Water taking

s Place.

One Barrel thus receiv'd, and emptied; upon a Signal
iven, it was drawn up, and at the fame time the other let
own; By which alternate Succession fresh Air was fur-

down: By which alternate Succeffice fresh Air was fur-nished to plentifully, that the Learned Doctor himself was use of fort, who were all together in 9 or to Fetbons deep of Water for above an Hour and a last, without the least in-convenience; the whole Cavity of the Bell being perfectly

convenience, the whole Cavity of the Bill being positilly off. All the Prevention the chlored, it is no be to door give on the Vista of the Bill being and then to hip, one of the Wista of the and carried by subject in a or y Barried or fish the before the defended further. And being surrould a finish the being a surrould be the being the being the being the being the being a surrould be the being the

be mord from Fuice to Flace.

At other times, when the Water was troubled and thick, it would be as dark as Night below; But in fach Cake was able to Heep a Candle branding in the 25rd.

Contribute, he has found it pradicible for an administration for the 25rd to a good Diffuent form it; the Air belong conveyed to binn in a continued Stream by finall fixible properties.

The contribute of the 25rd to a good Diffuent from it; the Air belong conveyed to binn in a continued Stream by finall fixible properties.

The contribute of the 25rd to a contribute on the 25rd to a contribute of th

the Bell. So that there feems little further wanting to the Perfection of Diving.

the Perfiction of Divings.
Yet, the finance form Drebell, had an Expedient in forme edgeds fingerine reas no this, if what is related of it, between the property of the prope e Relation

the Relation.

As no the Liquor, Mr. Beyle affures us, he differer'd by a Physician, who married Drekel's Daughter, that it was used from Time to Time, when the Air in the fubmarine Boat was clogg'd by the Breath of the Company, and and from Time, to Time, when the Air in the following boat was chigged by the Benth of the Company, and support the Company of the Company of

fion; tended, his Parts with esta. See Expension.

The Epicareaus, again, hold Divisibility to agree to every Physical Continuum, 28, without Parts adjacent to Parts, there

Physical Continuum, as, without Parts adjacent to Parts, three can be no Continuity, and wherever there are Parts fo adjacent, there must be Divisibility. But they dray, that this Affection agrees to all Bodies: For the primary Corpulcies, or Atoms they hold perfectly infectable, and indivisible. See

The principal Argament they alledge, is, that from the Designative of all Body, and of every affignable Particle of Body, even after any repeated Number of Divisions, it follows, that the finalled Corpolice is infinitely designable, which with them is an Abfardity. For a Body can only be divided into such Parts as it actually contains. But to suppose infinite Parts

in the finallest Corputele, fay they, is to suppose it infinitely there shall be no Pore in it, whose Diameter shall exceed extended: For infinite Parts placed externally to each other, any given Line; as is demonstrated by Dr. Keil. Introdust. extended: For infinite Parts placed externally to each other, as the Parts of Budies doubtlefs are, must make an infinite-

EXEMPLE AND A STATE OF THE ACT OF

may be measure and unconsistent of the company of t Quantity, neither the one nor the other.

divers fuch Corpuscles would not compose a Body. And on envers uren corpurers would not compose a Body. And on the other hard, the infinite Point@bility fupposes an Infinity of Parts in the minutelt Corputitie: whence it follows, that there is no Body, how finall feever, but may funnish as many Surfaces, or Parts, as the whole Globe of the Earth can; nay, and infinitely more; which, to fay no worse, is a vio-

Paradox.

lear Brandon.

The infinite Profifiting of Machematical Quantity in The infinite Profifiting of Machematical Quantity in 1962. The American Profit Information In

Line BF. Confequently, the Parts of any Magnitude may be diminified in Instantana. The chief Objections against the Doctrine, are: That an Infinite cannot be contained by a Finite; That it follows from a Divisibility in Infinitum, either that all Budies are equal, or, that one Infinite is greater than another; To which it is answer'd, that to an infinite may be attributed the Proper-ties of a finite, and determined Quantity. And who has ever proved, that there could not be an infinite Number of Parts infinitely finall in a finite Quantity; or that all Infinites are equal: The contrary is demonstrated by Mathefinites are equal: Ine contrary is demonstration by statementicles in innumerable Inflances. We are not here contending for the Podibility of an actual Division in Inflantation, we not affect that however final a Body is, it may be full farther divided; which we imagine may be call'd,

a Division in Institution, because what has no Limits,

a Division in Industrium, pociate what has no Limits, as call'd infinite. See Inspartur.

True, there are no fach Things as Parts infinitely finitely yet the Sub-lity of the Particles of feveral Bodies is fach, that they very much furpain our Conception; and there are immungrable infinituous in Nature of fach Parts achually department of the Parts achually depa

rated from one anoti

rated tom ore another.

Mr. 2006 give us feveral Inflances. He specks of a silken
Thread you Yards long, that weigh'd but two Grains and
nhif. He mealmred Leaf-Good, and sound by weighing
it, that yo square Inches weigh'd but one Grain: If the
Length of an Inch be divided into zero Parrs, the Eye middilinguith, em all, therefore there are in one square fach

dilligatii van ilt sterfeier there are in one figure fash accountible Faras ; which wilde Faras one will de-re source of flesh Paras ; which wildel Faras one will de-re you be further adoption may be give with cight Grains of Gold, which is afterwork drawn into a Ware thirmon thousand form the grain of Gold, which is afterwork drawn into a Ware thirmon thousand form the Gold with the flat of the Gold will be given the grain of Gold, which is afterwork drawn into a Ware thirmon for Gold which is afterwork drawn a flat of Gold which is afterwork of the Gold will be precised as greater from our another; forward Booker Gener lode only tenfficient or another; forward Booker Gener lode on the grain of the gr

fill a very large Space with odoriferous Particles. See Ex-By Help of Microfcopes, fuch Objects as would otherwise

By Herp of interocopes, tuch Objects as would otherwise écape cut Sight, appear very large: There are fome finall Animals fearce vitible with the bell Microfcopes; and yet thefe have all the Parts needfary for Life, as Blood, and other Liquors: How wonderful must the Subellity of fuch Parts be, which make up fuch Fluidal where its deductible the fol-by which make up fuch Fluidal where its deductible the following Theorem :

lowing Theorem: Any Particle of Matter, how finall foever, and any finite Space, how large foever, being given; it is possible for that finall Sand, or Particle of Matter, to be diffused through all that great Space, and fill it is such manner, as that

DIVISION, the Act of feparating a Whole into the Parts

contains. See Part.

If the whole be composed of Parts really diffinely, call'd in gral Parts, the Division made thereof is properly call'd Partition: As when a House is divided into its Apart-

ugud Paras, the Zivolpher make thereof is projectly called Partitime: A when a Honel is divided unto its Appara-ments. See Partition.

If the Whole is composed of Parts, called Subjeditor, it is Sub-jectly composed in the cally one common Term, the Sub-jectly composed in the cally one common Term, the Sub-jectly composed in the Called Composed. See Subjedition of Common in the Species, See, Division theories of Common in the Species, the Division that the Called Common Common, the Partition, or Division that the Called Common Common Common Common Common Common Common Common what before was one, in zow reduced non terest. See

CONTINUITY This Division is effected by means of Motion, without

which there can be no Separation of any Continuum, or even

This Motion is perform'd divers Ways, by Fraction, Sciffon, Section, Fifton, Refolution, Dilution, Maceristion, Differentian, Effusion, Diffraction, &c. See Divising

LITT. 121808, in Logic, is the Sprenting my Timpins of two Fitters, of the Asia, or most critically, it is the Dilluthouto of a Whole into all it contains. So: Disparate vizors.

The School-men define it a Different, explaining a Thing by its Pierra: In which it approaches note to the Neuro cia by its Pierra: In which it approaches note to the Neuro cia a Thing, by its Pierra. See Disparation, Paper, See a Thing, by its Pierra. See Disparation, Paper, See Disparation, Paper, See Disparation, Paper, See Disparation, when the Whole has the Whole has two Significantions, whence two Kingdom of the Whole has the Whole has two Significantions, whence two Kingdom of the Whole has the Whole has two Significantions, whence two Kingdom of the Whole has the Whole has two Significantions, whence two Kingdom of the Whole has the Whole has the Significant of the Sig

Devision. Division.

A Whole is properly what confifts of integral Parts; as the Human Body, which contains divers Members: And a Diffribution into fuch Parts, is properly call'd Partition:
Such is ther of a House into its Parts. See Parts.

But there is another Sort of Whole, which is properly no other than an abfract idea common to more Things than one, as the Univerfals: Or a compound idea comprehen-ing the Substance, and its Accidents, or at leaft most of its Accidents.

This Whole admits of a triple Division. 1. When the Genus, or Kind, is divided by in Species, or Differences; a swhen Subfigure is divided in Body and Sprit; or into Extended, and Thinking. The fectord, when any Thing is divisited into feveral Chiffer, by opporthe Accident; as when the Stars are divided into those which think by their own Light, and their their own the Chiff. This Whole admits of a triple Division.

ion fevral Claffes, by opposite Accidents; as when the course are divised ann bedes with him by their our Liphy, and the contract of the contr

and Earth.

The Divisions of a Word, is a Diffourth explaining the Latitude, or Comprehension of a Word: The Latitude, when the Word is univerfal; as when the Genus is divided into Species, and Differences: The Comprehension, when the Word is ambiguous, as Yauvar, Bull; which functiones denotes a Confidencies, formetimes a Beati, and functiones

Mearth or of a Mote, desider a Quality into in De-gree. The Philosophera, site the Physician, (apopte 8 De-gree of every Quality. Howe who a Quality is tild to generally the property of the Company of the instead, or helpinord. See Droaxs, and Quartry. Division, in Arthmetick, in the life of the first gran-Rains; went that whereby we find how often a left Quan-Turingen, in Rentings, in early a compromise Method of Sathanchea, in Finite being to take a left Number from somethy greater, as often as posible, that is, and it as it could in Designer. In That given to be divided, call of the

Digiticul. 2. That whereby the Dividend is to be divided, call'd the Divider. 5. That which experties how often the Divider is consisted in the Dividend, or the Number replication in the Dividend, or the Number recalled the Questions. See Queen 1887, Eq.

There are diverse Ways of performing Division, one call'd the English, another the Falsian, smother the Spanish, another the General and assocker the Intian, another the Spanish, another the General and assocker the Intian.

the English, another the Fluids, a mother the Intilians, another the Appells, mother the Grants, and another the Intilians the Symple, mother the Grants, and another the Intilians that the Intelligence of the Intilians of Intilians and Intilians and Intilians, and only difficulty in the manner of stranging, and displaying the Nambers, 200 pillians in Franciscon; and Directions in Specials, or Algebra. Direction in Franciscon; and Direction in Specials, or Algebra. Direction in Franciscon; and Direction in Specials, or Algebra. Direction in Franciscon; and Direction in Specials in the Intelligence of Intilians and Theological Intelligence of Intilians and Theological Intelligence of Intilians and Intelligence of Intilians and Intelligence of Intilians and Intilians and Intelligence of Intilians and Intil

min dejunctive Committee, Devictions of nature, assessment of the committee of the committe

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Proof of DIVISION.

Division is proved by multiplying the Questent by the Divisor, or the Divisor by the Questen; and adding what remains of the Divisor, if there be any thing. If the Sum be found equal to the Divisor, the Operation is jud, otherwife there is a Miffake.

Division in Decimal Fractions.

Division for Proportion.

See Enaction.
Proportion

Division, in Species, or Algebra, is perform'd by reducing the Dividend and Divider into the Form of a Fraction: This

parate the two; thus,

Fraction being the Quotient.

Thus, if ab were to be divided by cd, it must be placed thus, $\frac{ab}{cd}$, and that Fraction is the Quotient: the others

chuse to write it thus, cd) ab, or cd:ab, or ab;-cd, which last Mark ; is the most common Character for Division. See CHARACTER.

cifien. See Character.

To perform the Work of Divifien algebraically, thefe Rules are to be observed: 1. When the Dividend is equal to the Divifier, the Quotient is Unity, and must be placed in the Quotient, because every Thing contains it felf once.

2. When the Quotient is expected Practicos wise (as in simple Divifiero) if the fame Letters are found equally re-

2. When the American in the fame Letters are found equally re-peared in each Member of the Numerator, and Denomina-tor; east away those Letters, and the Remainder is the Quotient: Thus, $\frac{ab}{b}$ (a, and $\frac{abc}{ab}$ (c, &c,

Signer Thus, $\frac{c}{c} (s, sad \frac{c}{c}) (s, bc)$. When there are say Co-efficient, drivle them as in common Arithmetic, and to the Questiens ansex the Quantizine expected by Letters Thus, $\frac{d}{d} \cdot \delta d \cdot (s-1)s$.

4. The general Way of Divisions of compound Quantizine, is the the offunity Way in common Arthmetic, repells be inplant to the Ruber of Alghritic Addition, Sadhitzlian, and Multiplication; as said that the Rise gave +, and walled — in the Quotenter taking Care + of + of

-ca-cb

That for the fame reason like Signs giving a Positive, and unlike a Negative Quotient, do hold in Division, as well as in Multiplication, is clear from considering the Nature of

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Division by {Nephrir Essent.} Sec {Nephine Bosch.}
Division, in Lines, or Geometrical Division, is also call'd Applications. the Design of which, when it is employed about the Cooleration of plate Problems, is sink; oise a Rechample being given; as also a right Line; to find another right Line, the Rechample contains dued which with other right Line, the Rectangle contain'd under which with the right Line given, final be equal to the Rectangle first given is Such Effection, or Confraction is call'd the Appli-action of a given Reckangle to a right Line given, and the right Line arising by fush Application, is call'd the Pa-rabola, or Geometrical Spacient.

relotin, or Generative Spatient.

This is found by the Rule of There, by making, As the Line given z is to one Side of the Reck-engle z: To in the Oslor Side z in the Line fought. Nor saidite to which is and Comparis z: Thus suppose z is z can be the Side z in the z in the z in z i to Unity: Then on the other Leg of the Angle fet ac (see 6) the Dividend, and joyn dc, and to it, through a, draw abparallel to dc, which final cut off ab the Quotient fought afor as ad: an :: ac: ab; that is, as the Divifor : is to Unity :: fo is the Dividend : to the Quotient; on which Reason depends all Division.

Reason depends an Druggon.

Division, in Mufic, the dividing of the Interval of an Office into a Number of lefter Intervals. See Octave.

and System.

and SYSTEM.

The 4th, and 5th, each of 'em, divide, or measure the Octave perfectly, the' differently. When the 5th is below, and ferves as a Base to the 4th, the Division is call'd Harmoniserves as a mass to the 4th, the Division is call'd Harmon-cal; When the 4th is below, the Division is call'd Authoritic, See Scale. See also Concressions.

DIVISION, in War, is a Batallion, or other Budy of Forces

The Lieutenant commanded the first Division of Mulique-The Locutenist commanded the fire Livenian or Manque-teers; and the fecond Licutenian, the fecond Division.

Divisione. in Sea-Language, the third Part of a Naval teers 3 and the fecond Lieutenant, the tecond Lieutena.

Division, in Sea-Language, the third Part of a Naval
Army, or Fleet, or of one of the Squadrons thereof, under the
Command of fome General Officer.

Naval Battals are ufaally rang'd in three Lines, according

harre Dinis DIVISOR, is the dividing Number; or that which shews we many Parts the Dividend is to be divided into. See

DIVORCE, a Breach, or Diffolution of the Bond of Marege. See MARRIAGE.

In our Law Divorce is of two Kinds: The one, a Vin-eulo Marrimonii; which alone is properly Divorce: The other, a Menfa & Thore; a Separation from Bed and

The Woman divorced a Vinculo Matrimonii, receives all again that fite brought with her: The other has a fuit-able feparate Maintenance allow'd her out of her Hus-

able Sparzee Maintensace attowd her out of her Hus-band's BitCel.

The first only happens through fome effential Impediment, as Confanganity or Affinity within the Degrees furbidden, percontract, Imponency, Adultery, &c. Of which Impediments the Canon Law allows tourten, comprehended in ments the

Error, Conditio, Votam, Connatio, Crimen,

Errer, Condicio, Feanna, Cognotio, Crimen, Calent, Differenta, Fitz, Order, Legamen, Internal, S. Bir Effect, B. Fore care compulsive Fifti, Reference for Modeller, no perior reducts in patient Discover in a Speirmal Judgment, and, therefore, in patient Discover in the condition of the Computer of the Discover in the condition of the Computer condition of the Computer of the Computer of the Computer of the Section of the Computer of the Compu ill of Divorce Di

Divorce was allow'd of in great Latitude both among the Drottere was allow'd of in great Latitude both strong the Pagest and Greet. At Rome, Barrencel, Oldacia, Diffeate, Madnefs, and Baniffament, were the ordinary Cautles of Dri-verce. Carvillars, 200, or 600 Years after the Building of Rosses, was the first who put away his Wife because the was become.

barro.

"Julinion afterwards added Impotence, a Vow of Chaftity, and the Profession of a Monastic Life, as valid Reasons of

Among the Jews, Uglinefs, old Age, or ill Humour in a Wife, were fufficient Reafons for giving her a Bill of Di-1990. Even the Man's own Pleasure, or his repenting of his Match, were admitted as good Reasons.

Match, were admitted at good Resilons.

Some bodd, but, "Piffet Christ allow" of Director in the single Cafe of Adultray. But we take it for a Militake: Director in two bases permitted in the New Tethanest to Adultray, but only a Separation. See Matrix, XIX. 9. March X. 11. Paril 1-Car X. 19. See allo the Council of Pitorenes in at the End, after the Quefilions propried to the Green's Certain A. & Managam, C. s. and r. Angagine, See Time Conveys, the Adultra's Charles, and r. Angagine, See also what we have delivered to the Council Conveys, the Adultra's Charles of Charles Charles of the Council Conveys, the Adultra's Charles of the Council Conveys, the Adultra's Charles of the Council Conveys the Adultra's Charles of the Council Conveys the Adultra's Charles of the Council Conveys the Council Conveys the Council Conveys the Council Conveys the Council Council Conveys the Council Conveys the Council Conveys the Council Conveys the Council Council Conveys the Council Conveys the Council Council Conveys the Council Conveys the Council Council Conveys the Council C

delivered under the Article Augustus. Descriptions, declares fach as central's now Marrings after Divorce, Adulteres; as well as the Petrols top surray within. The Octafion of the Octafion o foll'd by the Conversion of one of the Parties, but they may fill live together, and even on forme Occasions ongist to do fo. Nor is it even diffoll'd by the Septration of the in-fidel Party, for if the be afterwards oneverand, he is obliged to take back his Wife: as Eugeners himself decides it A. IV. Deserts, dr. Divort, G. Gendemant. But the Marriage is diffolved by a fecond Marriage of the converted Party with an other Perfon.

3. The 'the Party converted to the Faith, may, the Minate of his Convenion, legally feparate himself, and contract with another; a liberty the Corplines Law allows him, as in Juffice he is not deem'd to owe any Thing to an Infide! yet Charity frequently forhids fact Disorce and Separations As, e.g., if the Infield confent to live with him, and not more him in his Religion ; if his Faith be not at all in Danger ; ferr min in in acception at market and the second and in a market in the reason and the second and the children; if the Separation would prove a Scandal to the Heathens, and render Christianisy edious, See. See St. Paul r. Cov. VII. r.; r.a. St. Angujim L.I. de admit. Conjog., ad

The 4th Council of Toledo decrees, that in a Country where Chriftianity is the prevailing Religion, the Infidel Party mult be advertised to become Chriftian, which if the refute, the Marriage to be differed.

The Council of Trent prohibits Divorce on any Occasion whatever. The Papal Dispensations, however, are a Salva for this Piece of Rigor.

tor this Piece of Rigor.

In England Divorces can only be had by Confent of Par-liament. Milton has an experis Treatife of the Doctrice
and Difcipline of Divorce, where he majestains, that Di-corce ought to be permitted for a mere incompatibility of

DIURESIS, from \$1d, fer, through, and \$4a, from, to flow; is us'd to express that Separation which is made of the Urine by the Kidneys: whence Diuresie. See Di-

DIURETICKS, in Medicine, are fuch Remedies as pro-voke, or promote the Diffusings of Urine. See Urines, Such is Water drank plennfully, white Wine drank in a Moming; Alcali Salts of all Kinds; Sea-Salt, Sal Gene-me, Nitre, Borsa, Alomn, Tartar, Ammoniac, Whey, four Milk, Lemmon Juice, Uc.

Augeons Liquors are generally Discretic, effectally if mix'd with Sait, and drunk cold. Fernented Liquors are the leaft Discretic of all; and the leafs abbyer so the farmer. Sharp thin four Wines, Réemijh, &c. as alio acid Spirits of Virgens, Sait, Saither, Alume, Virtico, &c. Affrages, bit-rer Almonds, Smallegs, Eryqpium, Eupatorium, Saffafrith, Ge. do the time.

DIURNAL, in Aftronomy, fomething relating to the Day: In Opposition to Nocturnal, which regards the Night. See Day, and Nieur.

DIVENAL Circle, is an immoveable Circle, in which any Star, or Point in the Surface of the mundane Sphere, moves by a District Motion. See CIRCLE.

Thus, if a right Line be conceived to be continued from the Centre of a Star, perpendicular to the Axis of the World as far as the Surface of the Sphere of the World, it will

tion about its Axis.

Diunnat Arch, is the Arch, or Number of Degrees, that the Sun, Moon, or Stars describe between their Rifing, and Setting.

DIVENAL Motion of a Planet is fo many Degrees and Minutes, Cc. as any Planet moves in 24 Hours. See Mo-

The Motion of the Earth about its Axis (in the Coperni-

can System) is call'd its Diurnal Motion, which causes the Vicifitudes of Days and Nights.

The DIURNAL Motion of the Earth is its Rotation round

its Axis, the Space whereof conflitutes the Natural Day. See Day.
The Dinrual Rotation of the Earth is now past all Dif-

gtc. Sec EARTH. DIVENAL is also us'd in speaking of what belongs to the

Nysthemeron, or Natural Day of 24 Hours, in which Sense it flands opposed to Annual, Mensirual, &c. as Diurnal Motion, Diurnal Rotation, &c.

The Distract Phenomena of the heavenly Bodies are folved from the Distract Revolution of the Earth; that is, from one Revolution of the Earth round its own Axis in 24 coe Revolution of the Earth round its own Axis in 24 Hours. To illustrate this: Suppose the Carle PRTH, (fab. Aftronomy Fig. 13) to denote the Earth; C the Centre of the Earth, through which its Axis is conceived to pass, a-round which, its Diurnal Revolution is perform d: B denotes any which, its Disrus Revolution is perform'd: B denotes at Place on the Earth; the Line EW the vifible Horizon the Place; E the East Point of the faid Horizon, W the Wes W the West : the Carcle abcdef the Circumference of the Heavens; the Circle S the Sun in the Heavens, the Semi-Circle PR'I', the enlighten'd Hemifphere of the Earth, or that Half of it, epposite to the Sun; and lastly, the Semi-Circle PHT the darken'd Hemisphere of the Earth.

Now, the Earth supposed in this Situation, and moving

round its Axis rowards the Sung it is evident, the Place P or the Earth, will then just begin to be enlighted by the Sun, and fo the Sun will appear there to be just ryllog, or afterding the Horizon at E the East Point of it. The Earth being moved round its own Axis, fo as the Place P, of the being moved round it so was Axis, to as the Place P of the Earth, which afore was under the Point a in the Heaven, is now under the Point b₃ it is evident, the Horizon of the fald Place P, will be now to firsusted, as that the San will appear to a Specimor at P, as defeended confiderably above E the Eaff End of the Horizon. And while by the Re-volution of the Earth round its Axis, the Place P paties from under the Point b in the Heavens, to the Point c, the Horizon of the Place P will continually fink lower and Horizon ot the Place P will continually fink lower and lower in relipted of the Sun, and 6 the Sun will appear to a feed higher and higher, till P is come under e, where the Sun will appear in its greater Height above the Horizon for that Day; and fo it will be Noon, or Mod-Day, at the Place P. The Earth moving on, as the Place P paffes from under e to d, the Well Point of its Horizon will altend higher and higher, and so the Sun will appear more and more to descend, as is represented by the Horizon at the Point of the Earth under d. The Place P being carried by

Point of the Earth under d. The Place P being certed by the Zharrad Revolucion of the Earth from under de under de, the Sins will then appear juic on W, the Well Point of the Henican, and for will appear to be juil faring. The Place Common under f, it will be them fifts—sight others. Lathly, Zharrad Lander and Lander

volution of the Earth, all the feveral Celeffial Lights feem to move in the Heavens from East to West, hence this feemog Diarual Motion of the Celefrial Lights is call'd their consum Motion, as being common to all of them. Besides which all the Celestial Lights, but the Sun, have a proper which all the Celelial Lights, but the Sun, have a proper Monten, from which are find ner proper Phenomenes. As for Monten, from which are find ner proper phenomenes, and the static from the proper Merico of the Sun ₂ but are railly produced by stocker Montion, which the Earth has, and whereby it moves mouth does once every Year, where-proper phenomenes are supported by the proper phenomenes. DIURNARAY, *Diramenties,* to Oliver in the Greek Em-pire, who wrete down in a Bock for the Purpole, whatever when the proper phenomenes are properly and the pro-pers who were down in a Bock for the Purpole, whatever DIURNARAY, *Diramenties,* to Olivery, Son the Bull Law of the *Totsferist Cole, *de Coley,* Son the Bull Law of the *Totsferist Cole, *de Joseph in the Number Totsferish Coley, *de Joseph in the Number and Wessers, who also been actually explain for Number and and Wessers, who also be no facility or placed in the Number and Miller and the state of the proper placed in the Number and Wessers, who also be no facility or placed in the Number and Wessers, who also be no facility or placed in the Number and Wessers, who also be no facility or placed in the Number and Wessers, who also be no facility or placed in the Number and Wessers, who also be no facility or placed in the Number and Wessers, who also be not not not provided the property of the Number and Number and the notation of the Number and Number and notation of the Number and Number and notation of the Number and Number a

and Women, who and occi deined, or pieced in uncrumper of the Gods. See Gon, Dripte/Arrow, Se. Hence it is, that on Medals flruck for the Conferration of an Emperor, or Emperic, they give from the Title of Dr-vos, or Druc: For Example, DiVUS JULIUS. DIVO ANTONINO PRO. DIVO PRO. DIVO CLAUDIO, ons, or Divo: For Example, I.
ANTONINO PIO. DIVO P.
DIVA FAUSTINA AUG. &c.
DIZZINESS. See VERTICO.

DOCK, DOCKING, in Law, a Means, or Expedient for cutting off an Eftate Tail in Lands, or Tenements; that the Owner may be enabled to fell, give, or becoments them

See Tatt.

To effect this, a feigned Wr of Entry for Diffession in To 496 is brought of the Lands whereof he intends to deck the Entall 4 and in a feigned Declaration made thereos, tis presented he was edificied by a Perfon, who by a feigned Fine, or Deed of Bargain, and Sake, is named, and supposed to be Tenan of the Lands.

to be Tenant of the Lands.

The feigned Tenant, if it be a fingle Recovery, is made to appear, and youth the Bag-bearer of Writs for the Custos Streappear, and vouch the Bag-bearer of Write for the Castos Bro-tures in the Court of Common Pleas; who making Delian, a Judgment is by fuch Fiction of Law enered, that the De-mandant final recover, and have a Write of Seifin for the Pof-feffion of the Lands demanded; and that the Tenant final course the Value of the Tenant final feffion of the Lands demanded; and that the Tenast Hall recover the Value of the Lands, sguinff the Lands of the Voschee Bag-beare, a poor, unlanded, Illiantse Perfoo; which is feigned to be a Satisfaction to the Heir in Law; the he never he to expect it. See Recovery.

the he never he to exped it. See Recoverar.

Doers, in the See Linguage, a Pit, great Pood, or Greek
by the Side of an Harbour, made convertent to week in,
in order to build, or repair Shill, or repair Shill.

This is of two Sorte: 1. A 2Dry 2Deck, where the Watris keep out by great Flood-gares, sill the Ship is built,
or repaired, but afterwards can be cafuly let into it again to
float, and launch her.

Boas, and Isunch her.

2. Aft it Deeck, is any Place in the Ouze, out of the Tide's
Way, where a Ship may be haled in, and fo sheek herfeif, or
fink herfeif a Place to lie in.

DOURET, a little Bill tide to Wares, or Goods, and discricid to the Perfon, and Place they are to be fine to.

DOUTOR, a Perfon who has passed all the Degrees of a
Faculty, and is impowered to teach, or precifie the fame.

See DEGREE.

The Title of Dollor was first created towards the Middle of the Xilth Century; to succeed to that of Master, which of the Mith Canner, we have the condition of the children of the Mith Canner, we have the control of the Mith Canner, and finallist. See Marras.

The Edibiliment of Deliverter, the ha now in the among us, in cellandly arthered to Parrier, who handle work of the Mith Canner of th

Stelman gives another Turn to the Thing: He takes the Spelman gives another 1 um to the 1 mag. 12c cases me Title Delifer not to have commenced till after the Publica-tion of Lombard's Sentences, about the Year 1140, and affirms, that fuch as explain'd that Work to their Scholars, were

firm, that fach a cephia'rd that Work to cheir Scholau, were the first that and the Appellation of Dieders. Now been the first that and the Appellation of Dieders were been the first Boller as Gentlevicles, and Poles de Breveley as Coffeed, which later clied in the Year 1st. But Spinlars will not allow Boller as have been the Name of any Title, or Depos-allow Boller as have been the Name of any Title, or Depos-lation of the Poles of the Spinlars of the Spinlars will not allow Boller as the Spinlars of Coffeed, 'as recediley the Candidate have been a Year Bartschor of Dirinity. For Deliter of Lower, I was Bartschor of Dirinity. For Deliter of Lower, I was that the Poles of Lower I was a set the University

Dellar of Laws, he must have been y Years in the University to commence Baschelor of Laws 5 Xears start which he may he admitted Dellar of Lown. Otherwise, in three Years attention the Degree of Mather of Arms, he may take the Degree of Batchelor in Laws 3 and in four Years more, that of LLD. which fram Method and Time are likewise re-

of T.LD. which finne Meriod and Time are likewise re-quired to path to Deprey of Delice in Phylip.

Grant of the Deprey of Delice in Phylip.

Divisity, The Delice in Phylip.

The Territory of the Delice in Phylip.

The Territory of the Territory of the Territory of the Barchele of Divinity. The Divisity The Delice in Evening of the Barchele of Divinity's Degree is differented volds, and they Barchele of Divinity's Degree in differented volds, and they Barchele of Divinity's Degree in Phylips of the Territory of the Barchele of Divinity Degree in Phylips of the Delice in Phylips of the Degree in Phylips of Territory of Te

Mafter of Arts.

Docron of the Law, was a Title of Honour, or Dignity among the Jews.

among the fews.

The fews, 'ris certain, had Bullers long before 'fifat
Cerif.' The Investiture, if we may fo far, of this thorize
was performed by partiage Key, and all Tables book solid
the book of the control of the control of the control
had in View, Lebe XI. 52, where, figuality of the 'Buller's
yash hore taken away the Key of Koweledges, you exist
out it goard falser, and them taken were curred', you had

The Greek Text of St. Lake calls 'em Neparei'; and the Vulgate Legisperis; agreeably to which our English Translators call 'em Lawyers. But the French Version of Defleurs de la Loi, seems the most adequate. In essect, the Word Logisperium is only sound in St. Luke, and St. Paul, Titus gisperitus is only tound in St. Luke, and St. Paul, Titus III. 13. and Nigures in St. Matthew, XXII. 35. is render'd by the Vulgate, Legis Dollor; the' the English Version fill

or the vugate, Legis Doctor; the the Logist Version fill tetains, Louver.

Their Jewis Doctors are the same whom they otherwise call Robbins See Passes.

Docroz of the Church, a Title given to certain of the Farhers who have publish'd Books, and whose Doctrines and

Opinions have been the most penerally followed and author rized by the Church. rised by the Church, We missily recken four Destars of the Greek Church, and four of the Latin. The first are St. Athanasius, St. Basis, St. Greeny Nazienzen, and St. Chryslom. The latter are St. Andross, St. Yerom, St. Angestin, and Gre-

latter are St. Ambrofe, St. Jerom, St. Angaghin, and Gre-gory the Great.

In the Remife Breviary there is a particular Office for the Delivar. It only differs from that of the Confellors by the Anthem of the Magnifeer, and the Lellors.

The Appellation Deliver has fince been adjoyn'd to feveral

Antones of the Annayallest, and the Annayallest is forced friender, recoming where the Merice of Rod as de School world for their Multin, confined, and the School world for their Multin, confined, and the School world for their Multin, confined, and the Fountain (Ed. 1988) and the

clefishical Writers.

Docron, **Pobaraons*, in the Greek Church, is a particular Officer, appointed to interpret Part of the Scriptares. He who interprets the Goffels, is call'd *Doffer* of the Goffels*. He who interprets St. *Paul* Epifiles*. Delior of the *Apollic*. He who interprets the Pfalms*, *Doffer* of the *Pfalms*.

ie was interprets the Plaims, Dottor of the Pfalter.

DOCUMENT, in Law, a Proof given of any Facil afcreed; but chiefly with regard to ancient Matters.

Thus we fay, The Antiquity of the Foundation of facil
Charch is proved by a Number of authentic Titles and Decomment

DODECAEDRON, in Geometry, one of the regular Bo-dies, comprehended under twelve equal Sides each whereof is a Pentagon. See REGULAR Body.

is a Pentisjon. See Redulan Bedy.

Or a Didescentive may be conceived to confill of twelve
Quinquangular Pyramids, whoft Vertices, or Tops meet in
the Course of a Sphere conceived to circumferibe the Solid's
configurately they have their Baits and Altitudes equal.

configuently they have there issues and altitudes equal.

76 fauf the Solidity of the Deletacations: find that of one of the Pyramida, and multiply it by the Number of Bafes, via 21, a the Product! is the Solidity of the whole Body, Or its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is found by multiplying the Bafe into \(\frac{1}{2} \) of its Solidity is the Solidity of the Solidity is the Solidity is the Solidity is the Solidity of the Solidity is the Solidi Or its boundary is found by multiplying one date into $\hat{\gamma}$ or its Diffiance from the Centre, is times: And to find this Diffiance, take the Diffiance of two parallel Faces: the Half is the Height. See Solid, and Solidary.

the Height. See South, and South HITT.

The Distances of the Sphere being given, the Side of the
Distances of the Sphere being given, the Side of the
Distances of the Sphere is equal to the Rellangule unser the
Agyrapte of the Sides of a Distances of the Objects.

Ministrude in the fanne, and triple the Side of the Distances
that the Distances of the Sphere be 1, the Side of
the Distances of the Sphere be 1, the Side of
the Distances of the Sphere be 1, the Side of
the Distances of the Sphere be 1, the Side of
the Distances of the Sphere be 1, the Side of quently, that, is to this, as z to $(\sqrt{\frac{1}{1}-\sqrt{\frac{1}{3}}})$ and the Square quentry, that, is to task, as a to $(V_1 - V_3)$ and the Square of this, as 4 to $s - V_3$. Therefore the Diameter of the Sphere is incommensurable to the Side of an interibed Descention both in it felf, and its Power

DODECAGON, a regular Polygon, or Figure with twelve ual Sides and Angles. See Polygon. ual Sides and Anglez. See Polycon.

Dials are fometimes drawn on all the Sides of a Dodges-

See DIAL.

In Fortification, a Place furrounded with twelve Bastions, call'd a Dedecagon: Such is Palma Nova, in Friuli, &cc DODECATEMORY, in Aftronomy, the 12th Part of a Circle. See CIRCLE, ARCH, &c.

The Term is chiefly applied to the tweive Parts of the
Zodiac of the Primas Mabile, to diffinguish em from the

12 Signs.

DOBLOATEMORY, is also a Denomination force Authors give to each of the twelve Signs of the Zodiac, by reason they contain a twelfth Part of the Zodiac a-piece. See

DODONÆUS, DODONIÁN, in Antiquity, an Epithet given to Jupiters, us adored, or worfnipp din the Temple of Dodoma, in Debourds Grove, or Forell. Dodoma, whence the Appellation arifes, is an ancient City of Epiran, celebrated on divers Account, as the Forel of Dodoma, the Oracle of Dodoma, and the Foruntain of Dodoma

Dodona's Forest, was a Wood, or Grove of Oaks, all con-Distants Friji, was a Wood, or Grove of Oaks, all conferrated to Typipter. In this Wood was a Temple of that God, wherein was the molt firmous, and as us faid, the molt ancient Oracle of all Greece. See Chacas.

Indeed, 'twas not in the Temple only, that Oracles were delivered; The Pidgeons that inhabited the Wood, are faid to have done the finite.

The Origin, and Occasion of this Fable, we have from He-rodotts, who observes, it was founded on this, that Hazades, which in the The flation Language fignifies a Pidgeon, does likewife fignify a Witch, or Prophercia. But what is more extraordinary, is, another Tradition among the Poets, as if the very Oaks of the Forest of Dodons spoke, and deliver'd

Oracles. Fable is celly declared from the former: The Dipton in the Oak bring fragorful of fock, "was no great Flights of a Pectical Flavor, to introduce the Tire of themselves from the Pertualing, Gr. See Frights of Bellot, L. L., p. 2.p...

The Fountain of Thotons, was in the Temple of Spoilter. The nation Naturalities alien up, it had a Property of re-kinding Teacher, Gr. newly extinguistift. It mls, no down, it does not not consider the property of the contract of the property of the p it did by means of the fulphurcous Fumes exhaling from it; as we fill find a Fountain in Dassphine, call'd the Envising Fountain, Do. The alth faid, to have exchanguish delighted Torches, which is no great Mirack, fince plunging them into a Place where the Sulphur was too dense, i. e. into the Water, must have that Effect.

DODRANS, in Antiquity, a Division of the As. See

DOG, in Aftronomy, a Name common to two Confiella-tions, call'd the Great, and Little Dog; but among Aftro-nomers, more ufually, Conis Major, & Minor. See Cants nomers, more ufu:

Doe-Drow, in the Forest-Law, a manifest Deprehension of an Offender against Vention in a Forest; when he is found drawing after a Deer by the Scent of a Hound, led in his

There are four of these Offences noted by Marresod, viz

Stable-Stand, Dog-draw, Back-bear, and Bloody band. See Stanta-Stand, &c. Doo-Days, Dies Cauiculores, are certain Days, in which the Dog-Star rifes, and fets with the Sun; the Weather be-

They begin about July 14th, and end about August 18th.
See Canterian Llays.

Bite of a Mad Dog. See Hydrophobia.

DOGE, the chief Magistrate in the Republicks of Venice,

The Word properly fignified Duke, being foam'd from the Latin Dux; as Dogate, and Dogado, from Ducatus,

The Degate, or Office and Beignity of Doge, is elective: At Venice, the Doge is elected for Life; at Genos, only for two Years: He is address'd under the Title of Sevenity, which among the Venezians is superior to that of High

which smoon the Ferentium is fugures to that of High-ins See SALEAT, order of the Council, and the Month See SALEAT, order of the Council, and the Month of the Republic, he being above to surface for her. Yet the Ferentium to some go imm Monthe and the Missilia-tan of the Monthe and the Monthe and the Missilia-ia cities, the Days of Frence is no more than the Fanness, or Saleator of the Missilian to the Monthe Article and Kingley of a Please at the Anderson of the Council of the Monthe and the Monthe the Monthe and the Monthe and the Monthe and the Monthe the Monthe and the Monthe and the Monthe and the Monthe the Monthe and the Monthe and the Monthe and the Monthe the Monthe and the 'tis abfolutely necessary he be of an casy, pliable Disposi-

Anciently, the Doges were Soveraigns; but Things are much after d; and at prefent, all the Preogatives affected to the Quality of Doge, are thefe which follow. He gives Audience to Embaffadors; but does not give 'em any Antwer on his own Head, in Marters of any Importance : Only, he on me own risea, in Marters of any Importance: Only, he is allowed to aniwer as he judges good, to the Compliments they make to the Signory; fuch Aniwers being of to Confequence. The Doge, as being first Magistrate, is Head of all the Councils; and the Credentials which the Senate farand the Country, and the Courts, are wrote in his Name; and yet he does not fign cm, but a Scaretary of State figns them, and feals cm with the Arms of the Republic. The Embaffadors direct their Dispatches to the Doge; and yet he may not open 'em, but in Prefence of the Councellors. The Moncy is struck in the Dog's Name, but not with his Stamp, or Arms. All the Magistrates rife, and falute the Doge, when he comes into Council; and the Doge rifes to none, but foreign Embuffadors. The Doge nominates to all the Benefices in the Church

of Sr. Mark; He is Protector of the Monastery delle Virgine; and bestows certain perty Offices of Ushers of the

Houshold, call'd Communators of the Palace. His Family is not under the Juristiction of the Master of the Ceremonies; and his Children may have Staff-Officers, and Gondolers in His Grandeur, at the fame Time, is temper'd with Abun

His Grändeur, at the fame I'ame, is temper'd with Abua-dance of Things, which reader it bardenfoune. He may not go out of Fenice, without Leave of the Councellors; and if he does go out, he is liable to receive Affronts, without be-ing entitled to demand Satisfaction; and if any Difforder floudd happen where he was, it belongs to the Podefle, as being inveited with the public Authority, to compose it.

as being invented, with the public Authority, to compole it.
The Children, and Bothers of the Dogs, are excluded from
all the chief Offices of State. They may not receive any Be-nefice from the Court of Rosse; but are allowed to accept
of the Cardinalane, as being no Benefice, nor including any
jurisdiction. The Dogs may not divelt himself of his Digjurisdiction. nity, for his Eafe 3 and after his Death, his Conduct is exa-mined by three Inquifitors, and five Correctors, who fift is with a deal of Severity.

with a deal of Severity.

DOGGER, a small Ship, built after the Duteb Fashion, with a narrow Stern, and commonly but one Mast; and in fishing on the Deggers Bank. See FLOATING Veffet.

DOGMA, Maxim, Axiom, Tent, firsted Proposition or Principle; particularly in Matters of Religion, and Philo-

of Francijes 3 Jonasses; Jonasses of Faith: Such a Deguate by Such as the Council. The Deguate of Faith: Such a Deguate was condemn'd by fuch a Council. The Deguate of the Societies were most of tem Parachese. Specialistic Deguates, which do not by any refraint on Men, appear to them confine time, and, the property of the Deguates, which do not by any refraint on Men, appear to the Council Counc DOGMATICAL, originally fignifies Infructive, Scientific,

or femething relating to an Opinion, or Science, In common Ufe, a Degmatical Philosopher is such a one

an committed of a Dogumerous entropiers is turn a one as affers Things politively; in Opposition to a Scepise, who doubts of every Thing.

And a Dogumerous Physician, he, who, on the Principles of the School Philotophy, rejects all Medicinal Virtues not reducible to manifelt Qualifiels. See Doe not array.

DOGMATICI, DOGMATISTS, a Sect of ancient Phy-ficians, call'd alfa Legici, Logicians, from their uting of the Rules of Logic in Subjects of their Profession. See Maps-

They laid down Definitions, and Divitions, reducing Dif-estion certain feters, show Genera to Species, and tim-earlish generalist for 'un ally fuppoling Principles, draw-ing Cantiquence, and applying their behapiles and Conf-signment of the Conference of the Conference of the Section of the Department of the Conference of the Empiricity, and Methodylis. See Exercises, 15th. Others define Disputatify to be those who brought Physic into a Form, and Arrangement, like those of other freeda-tive Science; defining, dividing, laying down Principles, and derwayed Cancillows: 1 And heart for the Appellation of the freedam of the Conference of the Conference of the Conference of the General Cancillows: 1 And heart for the Appellation of the freedam of the Conference of the Confere They laid down Definitions, and Divitions, reducing Dif-

They also applied themselves to seek the Causes of Dis-

They also applied themselves to teck the Causes of Dif-casies, the Nature of Remedies, & Gr. Eriffightaria, a famous Dogmanss, went fo far, that not contained to diffict Dogs, and other brane Animals, the beggd condemn'd Criminals of the Magilitarias, open'd them while alive, and fearth'd in their Entrails. See Privaticans.

alive, and retria a in user fourtain. See Physicians. DOLE, in the Sareou Tougue, fignifies a Part, or Portion, most commonly, of a Meadow. The Word fill fignifies a Sharer a altitributing, or dealing of Alma, or a liberal Giff made by a great Man to the People.

Hence also Dule-Meadow, is a Meadow wherein feveral Hence also Dule-Meadow, is a Meadow wherein feveral

Perfons have Shares. DOLIMAN, a Kind of long Soutanne, wore by the Turks, anging down to the Feet, with narrow Sleeves, button'd at

The Tarks, both Men and Women, wear Drawers next the Skin; over that a Shift, or Shirt; and over the Shirt a Lolinson. In Summer it is Linnen, or Musiclin; io Win-

Sattin, or Stuff. DOLLAR, or DALLER, a Silver Coin nearly of the Value of the Piece of Eight, or French Crown. See Corn.

Dellars are coin'd in divers Parts of Germany, and Holland; and have their Diminutions, as Semi-Dellars, Quarger-Dollars, &c.

ter-Dollars, &c.

They are not all of the fame Finencis, not Weight. The Dutch Dollars are the most frequent. In the Lewant they are called Agains, from the imprecision of a Lion thereon.

DOLPHIN, Delphinut, in Altronomy. See Delphin.

DOM, or DON, a Title of Honour, originally Spanifo, tho used occasionally in fome other Countries. See Title. It is equivalent to Master, Sir, or Lord, Monsieur, Sieur, Mywheer, &c. See Sin, Moneixun, Sc.

Geller in his Mesoriet & Bourg, L.V. C. 11. affures us, that the first, on whom the Spaniards conferred the Title, was that the first, on whom the Spaniards conferred the Title, was been Folgen Folgen, when, upon their being roated, and driven net by the Strassens, at the Beginning of the VIIIth Century, by rallied again on the Tyrentost, and made him King, in Gentral, in body is allow'd to assume the Title of Done, which is a Bisdey or Toknon for bothitry, without the King's

Leste.

The Word is likewife used in France among some Orders
of Religious, as the Chartrens, Benedictions, &c.. The Reverend Father Down Calmer, Down Mexis, Down Batter
for, &c. in the Flural they wire Down, with an 5, in figuling of feveral RR PP. Down Cloude du Ruble, and Taconec

Tourist from the Latin Deminus; of which it is an his form'd from the Latin Deminus; of which it is an Abbreviature. Dominus is found in divers Authors of the corruper Latin. Onuphrins affure us, it was a Title first given the Pope alone; then to the Bishops, Abbots, and obsets, who held any Ecclesiastical Dignity, or were eminent obsets, who held any Ecclesiastical Dignity, or were eminent for Virtue, and Religion. At length it was usury'd by the

Some Marks.

Some fay, they declined the Title Donninut out of Hamilton, as belonging to God alone, and affurning that of Donness as cryetling Individey, such articar Donninus. Indeed, the Applaince Donness for Donness for Donness of Parisa, Wite of the Emperor is we confider the Summer of Pasias, Wite of the Emperor Accessed Several, who is call of on Medals, PULIA DOM. ij we contact the ourname of yettes, wite of the Emperor systems Severus, who is call'd on Medals, JVLIA DOM-NA, for JVLIA DOMINA. DOMAIN, the Inheritance, Effate, Habitation, or Poffer-fon of any one.

on of any one.

Of how much Evil was Caufe, not thy Conversion, but Of new much Loss was Cauje, not the Conversion, has their rich Domains. Milton. Memory derives the Word from Domanium, wrote in the

birbarous Latin for Dominium, DOM: Bow. See Disease Sys.

DOME, or DOOM, but Saxons call'd Dom, fignifies
Judgment, Sentence, Ordnance, or Decree.

The Homagers Oath in the Black-Book of Hereford ends

thus; So help me God at his Holy Dome, and by my

Townths.

Doms, in Architecture, a spherical Roof, or a Work of a Spherical Form rais'd over the Möddle of a Building, as Spherical Form rais'd over the Möddle of a Building, as of Crowning, or Acroter. See Roor, and Caowaisse.

Dunest are the fame with what the Intelligent all Confidents and we frequently Cupieds: The Lastan, according to Virtureius, TSod. See Girona.

Virrowini, Thoir. See Curon.

They are ufually made round; tho we have inflances of figure Once; as those of the Lowove; and others, that are Polygons, as that in the Jestistes Church in the Raw St. Astrobuse at Paris. They have fuelly Columns ranged acound their Out-fides, both by Way of Ornament, and to support

the Vault. A Flat Dome is that whose Sweep, or Contour, is less

than a Hemisphere.

The Word is form'd from the Latin Domes, which an the Ancients fignified a Roof, or Open Porch; as is observed by Papias. "Tis frequent in the corrupt Latin Authors, who borrowed it from the Greeks, among whom Tradius, who norrowed it from the Greeks, samong whom Tristiss, or Tristism, is a common Name for any round Building, such as the Palace of Confuntinopie, wherein was held the Council; thence call'd in Truilo. See Taulius.

DOME, in Chymiftry, the arched Cover of a Reverberatory armore. See REVERBERATORY.

DOMES-Day, or DOOMS-Day-Book, denominated Li DOMES-Desy, or DOOMS-Desy-Book, denominated List-furfactions you colongulated foundings, i.e. the plucicial Book, or Book out the Survey of England, is a most ancient Record made in the Time of William the Congastray: a post Survey, or Inquificion of the feveral Countes, Hundreds, Tithings, Sc. In Name is formed from Down, Doom, Judgment, Seutence; and Desy, which has the fame Force: So that Demo-Day is no more than a Reduplicative, Founding, Judgment

Findment: The Street, or Dedge of the Book, it to be a Requisir, by which Sciences may be given in the Tensure of Internation of International Internation of International In Judement.

This Book is fill remaining in the Exchequer, fair and legible; confifting of two Volumes, a Greater, and a Lefs; the Greater comprehending all the Counties of England, exfair and we wreater comprehending all the Counties of England, ex-cept Northumberland, Chumberland, Wifmareshand, Dur-ham, and Part of Lamaghire, which were never furrey'd; And except Effen, Suthak, and Norfolk, which are compre-hended in the Leffer Volumn, which concludes with the Words: Anno Millefino Ollogefino Sexto ab Incarna-

tione Domini, vigefimo vero Regis Wilbelmi, facta est ista Descriptio non solum per icos tres Comitatus, sed estam

lt is call'd Liber Judicialis, by reason a just, and ac-urante Description of the whole Kingdom is containd there-na with the Value of the several inheritance, &c.

Curate Percensus.

ing with the Value of the feveral Inheritance, &c.

It was begun by five Juffices, affigned for the Purpole in each County, in the Year 10st, and fmillfed in 108c. Cembden calls it, Guiltelmi Librum Cenfualem, King William's

Tax-Book,
Our Ancefors had many Donne-Books. We are told by
log alghus, that King Alfred made a like Register, with
that of William the Computeror. It was begun upon that
Prince's dividing his Kingdom into Conntics, Hundreds, Ty-

Prince's dividing his Kingdom into Countes, Hundreds, Ti-things, See, when an Inquisition being taken of the feveral Diffirits, it was digefted finto a Regifter, call'd Zhombos, q. d. the Judgmeet-Bods, and reposited in the Church of Pira-cheffer; whence it is also call'd the Wintelfert Zhosk, and Alogue Rolls Winten. And upon the Model of this Dom-boc it is, that the Zhous-Zhoy of the Conqueror was Green'd

m'd.

That of King Alfred referr'd to the Time of King Ethel-

rel.
And that of the Computers, to the Time of Educard the
Complian: The Educate being that made, C trees ReComplian: The Educate being that made, C trees ReT. R. E. selected, 5 q.d. It was worth to much drawn
Regit Educated, in the Time of King Educate
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R

ems to be the more ancient of the two.

A fourth Book there is in the Exchequer, call'd Domes-Day; A fourth Book there is in the Exchequer, can't 200mer-200y; which, the a very large Volume, is only an Abridgment of the other two. It has Abundance of Pictures, and gilt Letters at the other two, It has Abundance of Pichuret, and gilt Letters at the Begrinning, which refer to the Time of Eduard the Confession DOMESTIC, a Term of fomewhat more extent than that of Servants. The latter only figuilitying fuch as ferve for Wages, as Bootmen, Lacquesty, Forters, &c. Whereas Domestic comprehends all who act under a Man, compose his are flic comprehences as who are under a sear, compose no Family, and live with him, or are supposed to live with him, buth are Secretaries, Chaplains, Se. Domestic goes further, being applied to the

Wife and Children.

DOMESTIC, Demeflices, Depleters, in Antiquity, was a particular Officer in the Court of the Emperors of Configuri-

Fabros in his Gloffary on Theophilax Simocasta, defines
Doughic, in the general, to be any Person intrusted with
the Management of Affairs of Importance; a Councellone exjust fidel graviores allenjus Terra, & Sollicitudinis committautur

militarities.

Othern hold, that the Greeks call'd Densellici thofe who at Raus were call'd Dentities particularly, that they began come a Name of Dignity, which they of Count was been come a Name of Dignity, and they began a Different in the Prince's Raully. See George. A Name of a Different in the Prince's Raully. See George. Densellicit, therefore, were fach as were in the Service of the Prince; and addited bein in the Administration of Affiring both those of his Family, these of Julice, and of the Service of the Prince's and addited bein in the Administration of Affiring the Prince's and administration of Affiring the Prince's and the Service of Publics, and of Julice, and of Publics, and

Church.

The Grand Domefile, or Megadomefileut, call'd alfo by
Way of Eminence the Domefileut, ferred at the Emperor's
Table, in Quality of what we Occidentals call Dapifer.
Others fay, he was rather what we call Majordomo.
The Domefileut Menfe did the Office of Grand Senethal,

or Steward. The Domesticus Rei Domestice sched as Master of the

Domefices Scholarum, or Legionum, had the Command of the referved Forces, call'd Schola Palatima, whose Office was to execute the immediate Orders of the Empire. See SCHOT A. Domesticus Murorum, had the Superintendance of all the

Fortifications. Demessions Regionson, that is, of the East and West, had the Care of public Affairs, much like our Artorney or Sol-

licitor Gener

Bitter General.

Domefices Iconstorum, or of the Military Cohorts.

There were divers other Officers of the Army, who bore
the Name Demeficiary, which figmified no more than Commander, or Colonel. Thus, the Domefic of the Legion,
call'd Optimates, was the Commander thereof. See Legion,

Demojúcia Seterem.
Demojúcia Ceterem.
Demojúcia Ceterem.
Demojúcia Ceter, or Chanter, where d there were wend
the Cauch of Canjaneria pile 1, the ... on the tiple Side of
the Cauch of Canjaneria pile 1, the ... on the tiple Side of
Perszefejferie, £2, 22-24.
Demojúcia Ceter, and the control of the significant three
Kinds of Demojúcia in the Church.
Demojúci of the Demojícia of the Inspirato Ceter,
that is, the Maine of the Empredia Chappel: And the Libmajúcia Digiciante, or of the Empredia Chappel: And the Libmajúcia Digiciante, or of the Empredia There was monotor

Order of Domesticks, inferior to any of those abovemen tion'd, call'd Patriarchal Domeftick Domestici was also a Body of Forces in the Roman

Empire. Paneirollus takes'em to have been the lame won-thoic cill'd Protellors; who had the chief Goard of the Empora's Perfon, in a Degree above the Presorians; and who noder the Christian Emperors had the Privilege to bear

the Grand Standard of the Cross.

They are imposed to have been \$100 before Fusionism's

Time, who added 2000 more to the Number. They were
divided into feveral Companies, or Bands, which the Latinic
call'd Scholas, foure whereof are faild to have been instituted
by Gordann. Some of 'em were Cavalry, and fome Infantry.

Their Commander was call'd Cower Demessioners. See

UNT

DOMIFYING, Domification, in Aftrology, the dividing DOMIFYING, Domification, in Aftrology, the dividing or diffributing the Heavens into twelve Houses; to creft a Theme, or Horofcope; by means of fix great Circles, call'd Circles of Polition. See Honoscope. Circles of Position.

Gircles of Position. See Honosecores.

There are divers Ways of Donnifying, according to divers Authors. That of Regionnous annis, which is the most usual makes the Circles of Position past through the Interfections of the Meridian, and Horison. Others make 'em past show the Poles of the World, or the Equator; and others through the Poles of the Zodiac,

DOMINATION, in Theology, the 4th Order of Angels, or bleffed Spirits, in the Hierarchy; reckening from the Seraphim. See HIERARCHY, and SERAPH.

of Dictitud Spirits, in the state of Seraps.

DOMINICAL Letter, in Chrosology, popularly call'd Studey-Letter, one of the feven Letters of the Afphabet, A B C D E F G, us'd in Almanacka, Ephemerides, Sec.

to denote the Saralays throughout the Year. See Sunnay. The Dominical Letters were introduced into the Calendar by the Primitive Christians, in lieu of the Numbrid Letters in the Rossan Calendar. See Levyen.

The Word is form'd from Dominican or Dominican Dies,

feventh Place

ferenth Place.

Bot in Biffectile, or Leap-Year, the Calé is otherwife:
For by means of the Intervaling Day, either the Letters medil
For by means of the Intervaling Day, either the Letters, which
for the Cale of the Cale of the Cale of the Cale of the Cale
Alorels, hall likewife answer to the feeted, Ger. or elife the
Intervalue Day must be denoted by the fame Letter as the
precoding one. This latter Experients has been judged the
Every, and accordingly the Dimitaly safe the Intervalue Day

between the Cale of the C

better, and accordingly the Suffeliya after the impressing Disparent and the Tommeral Letters.

Bare annother Dismanced Letters, and Gregorious Year confills of 560 Days, i.e. of 52 Weeks, and one Day. The Beginning of the Usar, every common Year, goes backwards by one Days; thus, e.g., if this Year the Beginning, or fairly Jay till an of sunday, the cost are it will fall on borneday, the cost are it will fall on borneday, the cost on frielay, Ge. Confiquently, if A be the Zhumirand, Zattor of the preferent Year, G will be thus of the next

Acar.

A. Sa the Julian, and Gregorian Biffextile, or Leap-Year, confilts of 566 Days, 1.e., 3a Works, and a Days, the Beginning of the next Year after Biffextile goes back a Days, Whence, if in the Beginning of the Biffextile Year, the Dominical Letter were A, that of the following Year will be R.

be F.

5. Since in Leap Years the Intervaliety Day fills on the aght
of February, in which Cafe the aght, and gath Days are decreated by the Eine Learn, A flart the actab Days of February
or Carlot States and Carlot Carlot States and Lagorithm of the
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C

5. Hence the Invention of the Solar Cycle of a8 Years; up-

on the Expiration whereof the Dominical Letters are reflored fuccessively to the same Days of the Month, or the same Order of the Letters returns. See Cycle of the Sun.

Order of the Letters returns. See CVELL of the Sim. "6 find the Domissical Letter of any given Test. Seek the Cycle of the Sun for that Year as a directed one CVELL: And the Domissical Letter is bound correspond-ing thereto. Where there are two 5 the proported Year is Billfettlie, and the first deviant on the aquit of Potensary's and the list of the Similar to the Adult of Potensary's and the list of the Similar Conference of the Callender moder Pone Gragary. By the of the Commissional Letters was seen for the Adult of the Callender moder Pone Gragary.

By the Reformation of the Continua margin of the Order of the Dominical Letters was again diffushed in the Gregorian Year: For the Year 1982, which at the Beginning had G for its Dominical Letters; by the Retrenshment of 10 Days after the 4th of Olfober, came to have C

for its Dominical Letter; by which means the Dominical Letter of the ancient Julian Calendar is four Places before that of the Gregorian: The Letter A in the former an-fuering to D in the latter.

fewring to D in the latter.

Dolant sets, in Charch Hiltery. The Cosmic of Asserter

Donatinests, in Charch Hiltery. The Cosmic of Asserter

Donatinests, in Charch Hiltery and Cosmic of to be taken on Occasion,

DOMINICANS, an Order of Religious, call'd in fome Piaces Jacobius, and in others, Predicants, or Preaching Fryari. See Jacobius, Pampicanga, &c.

Fryer: See Jacontai, Francisans, Sc.
The Spanisances the their Name from their Founder DiThe Spanisances the their Name from their Founder DiThe Spanisances the their Name from their Founder DiSpanisances and Spanisances the Spanisances of their Spanisances
Locate of Spanisances and afterwards precived with a deal of
Zeal, and Vehamence against the Albegonfeit in Languages,
where he look the fift Foundation of his Order. It was approved of in 111, by Innotern III. and confirmed in 1216,
ya Bull of Harmown III. made the Rade of St. Afagulin,
ya Bull of Harmown III. made the Rade of St. Afagulin,

by a Bull of Homerical III. under the Rade of St. Anguslini, and the Third of Pracessing Payers.
The first Convent was founded at Thoulough, by the Billiop benefit and the American Thou Stars alterment observa-tions. The Convent was founded at Thoulough and the after, a shind in the Raw St. Temper, St. Tamer's Sterra, where the Demonstration of Spacinis.
St. Dominic, at full, only took the Habit of the Royaler Concess, that is, a black Seatonia, and Robert J. But this he quanted in 1215, for that which they now went, which, 'in terms of the Raw St. Temper, and the Ray of the Raw St. Temper, and cannot be strong the St. Temper, and the Raw St. Temper, and the Concess that is, a black Seatonia, and the Ray St. Temper, and the cannot be strong to the St. Temper, and the Raw St. Temper, and the Concess that is, a strong the St. Temper, and the St. Temper, and the Concess that the Raw St. Temper, and the St. Temper,

and at Orleans.

and a Unione. In This Order was made in Central, who redden is Resurged in This Order was made in Central, who redden is Resurged in This Order was and its particular Canguagations, or Reforms, governed by Visson General.

They recken three Popos of this Order, above 60 Grail-mais, feertal Patriards, 15 order history, and about 600 Billifops. Bridde Mailters of the facred Palacy, which Chile has been conducted, distinged by a Religious of this Order, has been conducted, distinged by a Religious of this Order, ever fince St. Dominic, who held it under Honorius III. in

Tar8.
The Dominicans are also Inquisitors in many Places. See

The Dominions are also logalitate in many Pisco. See Degrations of the Dominions are widely appoint to the Control of the Principlests. See Fanners and the Opinion of the Principlests. See Fanners and See Tanabase and See Tanabase Selfert. These are even more instructions of the Principlest Selfert. These are even more instruction of the Opinion of the See Tanabase Selfert. These are self-and balls, at Principle, fines News bear the Institution of his Order of Man, evin, in 1100.

There is also a "Third Order of Seminionists, both for DOMINIUM, DOMINION, or DOMAINE, in nuclear Collesson, is a Rea due to the Lend, where the Property is set his. Wild respect to Signeys, he who pays Reach, has the the Dominion of the Conference of the Conference of the Principlest Selfert Se

the Daminisms directus

the Dominium strectum.

Directum Dominium is the Title, alone of Dominium;

And Dominium stile, the Profit redounding from it.

The Wife retains the Dominium directum of her Jointure,

no whe return the Dominium striction of her Joincare, and the Dominium satis pells to the Husband. DOMINUS, in ancient Times, being prefixed to a Name, andally decored the Perfor to be other a Knight, or a Clergyman. They the Title was fometines given to a Gentleman not elabble; a feetically, if he were a Lord of a Manour. See Dome, See and Gantanach.

elabblid refrecilly, if he were a Lord of a Monor. See
Day, Str., and Gartzman N. Comment, whereby Man
termines to reside, a characteristic property of the Use of the
Whole, or a Ferrel of he Hiller's
Money, the Great of the Hiller's
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Mone gris. They were condemn'd in a Council held at Rome, two Years after their Separation, and afterwards in another at Arles, the Year following.

at Arties, the Near tollowing.

The Eurose of the Demaitity, befide their Schiftm, were

1. Thas Baptism conferred out of the Church, that is, out of
their Sect, was roll. 2. That there was no Church but in
Africa: All the reit of the Churches they held as protifiute,

and fillen. Denatus forms blewife to have given into the Destrime of the Arisas, with whom he was cloffy silled; And accordingly, St. Epiphenius, Theodores, and fone cheers, accuse the Denatus of Arisatius. But See, Long after Ep. 185, to Count Beniface, affirms, that the Denatus of the Point, keep Chear of the Fronce of their Leader. In 544, under the Empire of Theodoffix the Great, there are fix a Schild a mong the Donaty fit hemdelves, by which

arofe a Schiffn among the Donastift themfelves, by which they were broke into two Parties. For Paramenian, their Bilfton, being dead, from ecletde Primian, and were call Oprimizatifs; and others, Maximian, call'd Meximianifs: The Donastifts had likewife other Appellation, as Cream-celliones, Montanies, or Mountaineers, Campiets, Raji-

165, Sc. They held three Councils, or Conciliabules; that of Cirta They held three Councils, or Continuouses; that of Carlo

'jn Armidia, and two at Carthage. Confuntine decreed Exile, and even Death, againft the Douatiff. Confunt, and Hospits, made Laws for their Banishment: And Theodofins, and Honoritis, condemn d'em to grievous Mulcha. DON ATIVE, Donastroms; a Prefers made any Perfoc,

call'd also GRATUITY. call'd alfo Gratuity.

The Romans made large Donatives to their Soldiers, Paila Pia, Wile of the Emperor Severus, is call'd on certain Medals, MATER CASTRORVM, by reason of the Care flet cook of the Soldiery, by letterposing for the Augmentation of their Donatives, &c.

The Donative was properly the Gift made the Forces in the Arms is the Congrarius was that made the People.

Salma but in his Notes on Lambridius, in the Life of He. Englished mentioning a Dougtine that Emperor gave of Riogabalia, mentioning, a Donatrice that Emperoe gave of there Pieces of Gold per Head, observes, that this was the common, and legitimate Rate of a Donatrice. Coferabou in his Notes on the Life of Pertinace, by Copitalium, oblieves, that Pertinac made a Fromilie of three theastand Donatric to each Solidier; which amounted to upwards of 97 Pounds Striffing. See Cors.

Striling. See Corn.

The fame Author writes, that the legal Densitive was accoon Densitii; and that it was not cufformary to give left, effectially to the Pretories Soldiers; that the Centurious effecially to the Pretorian Soldiers; that the Centurions had double, and the Tribunes, Se. more in Proportion.

Donative, in the Cannon Law, a Benefice given, and collated to a Perfen, by the Foundet, or Patron; without cities prefentation, Infiliation, or Induction by the Ordinary. See

BRENEUER.
If Chappel founded by Laymen, be not approved by the Diocefan, and, as 'tis call's, first unliked, they are not secontal proper Beerfeer, neither can they be confirmed by the Bilthop, but remain to the pious Disposition of the Founders, so that it He founders, and their Heris, may give such Chappels without the Bilthop, Gregories de Eusopeiis. Sec Chappels.

CHAPPEL.

Grain observes, that the King might of ancient Time found a free Chappel, and exempt it from the Jurisdiction of the Diocesan. So may be by Letters Patents give Liberty to a Dioceán. So may he by Letters Patents give Liberty to a common Perfon to found fuch a Chappel, and make it Do-metive Not-preferable. And the Chapiain, or Beneficiary, fhall be deprivable by the Founder, or his Heir, and not by the Biflop. And this feems to be the Original of Domsrices

All Rifhopricks in ancient Time were Donative by the

Again, where a Biftop has the Gift of a Benefice, it is properly call'd a Donative, because he cannot present to him-felt. See Bandfice, Payron, Parsantation, Colla-

TION, &C. DUNGTON. See DUNGTON.

Tower, or Redoubt of a Fertreis, where the Garrison may retreat in Cafe of Necessity, and capitulate with greater Ad-

DONOR, in Law, he who gives Lands, or Tenements to other in Tail: And Dones, is he to whom the fame are

another in Tall. And Delies, as de to whom to these are DOORs, in Archicellers, an Aprarase in a Wall, no give DOORs, and Esti in, and ear of the Balding, or an Apara-tic Paraset, and Esti in, and ear of the Balding, or an Apara-lar copiet to be a Rack, that the Doors of a Head's to a few in Number, and as moderate in Dimensions, a publish-ted on a procedure on over the Angles of the Walls. It being a most gloring Sollectin to weaken that Para, which meal and gloring Sollectin to weaken that Para, which meal that the Doors, it publish, be tight over one modera-portion of the Company of the Company of the Company for from one Tadl of the Hoot to another a which well one of keeping one Tadl of the Hoot to another a which will one of cooling the Hoole in Summer, by better in Art; and of keeping one the Wind in Winner, which Way forcer it file. 5. "The cot by Omnoment, her know, our markets over See Donation, Ec. given

Theorem Come It owife to have given into the Doors: as it diffcharges 'em in great Meafur of the function Cumbent Weight. cumbent Weight.

The Proportions of Doors are adjusted by those of a Man:
In larger Buildings they must always be larger than in
finaller; but in none should they be less than a Face blob.

In large Balletings they must never to large time as findingly be in non-bradel they be left than 6 foot help, to admit a Man of just Stutture, erect 3 And at the Benedit of a Man, with A Arma photod scheme, is more; judge-dayle has freight, that they have been breaked by the strength of the strength

4. or 4 and a balf; and of the third, 5, or 6; in Churches, 7 or 8; in Gates, 6, 10, or 12: bence their Height is cally determin'd; except for the Gates of Cities, which should only be \$ of their Breadth.

This an Observation of the excellent Palladio, that the

The an Observation of the excellent Polisions, that the eincipal Door, or Entrance of a House, must never be regu-ated by any certain Dimensions. but by the Dignity of the lated by any certain Dimensions, but by the Dignity of time Perfon that is to live in it; yet, to exceed arther in the more, than the left, is a Mark of Generofity, and may be excusted with frome noble Emblem, or Interpition, as that of the Conte di Bernlangua over his large Gate at Verona, where had been committed a like Differoportion, Pater Janua, Cor magit.

nue, Cor magit.

DORIC, in Grammar. The Doric Dialed is one of the five Dialed!, or Manners of Speaking which obtaind among the Greeks. See Dialect.

It was first wid by the Lacedemonisms, and particularly those of Argoris themes in pulled into Epirus, Lybra, Sicily, the Illunds of Robots, and Octe.

In this Distoft. Archimedes and Theoretica

In this Dishelf, Archamades and Theoretiss words, who were both of Syrasile; and likewife Pundar. Port Royal. In Stricketh, however, we thould rather define Dorse the Mannet of Speaking peculiar to the Dorsens, after their Receives the Parasilint, and Afghan; and which afterwards came to obtain among the Lineatementant, Soc. Some even diffinguish between the Laset-monitor, and Do-Some even diffinguish between the Laset-monitor, and Do-

rie; but in Reality they were the fame; fitting afide a few Particularities in the Language of the Lacedemontans; as is thewn by Rulandus in his excellent Treatile, de Linguage

as is thewn by Ruisendus in his excellent Treasile, so Lingua Grace, spingue Datalellis, L. V.

Befield the Authors already mention'd to have wrote in the Dorire Dialell, we might and Architas of Tarentum, Bou-calliant, Summides, Bacchylides, Cyffelas, Aleman, and

Most of the Medals of the Greater Greece and Sicily fa-your of the fame Dialect in their Inscriptions; Witness, AMBRAKISTAN, AUDAGONIATAN, AXXPONTAN, AXX-PITAN, HPAKAEGTAN, TPAKINION OEPMITAN, KAT-AONIATAN, KOHIATAN, TATPOMENITAN, &c. Wi The general Rules of this Dialoit are thus given by the

D'Hra, du grand, de do & du la fair le Dore.

D'es fait êra. d'e, a, C' d'à av fait Encore. Ofte s de l'Infini : C' pour le Singulier Se fort au Feminin du Nombre Plurier.

Se for an Frantise de Number Plavire.
But rivay en man better capital in the IVth Book of
Radeaday, where he even nois the raducel Differences of
the Dackies of Stating, Overa, Farenauen, Robest, Lancelomon, Laman, Albestehant, and Trights.

The Stating of the Stating of Stating of Stating of Stating
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The Stating of Stating of Stating of Stating of Stating
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nd is what gave the first Idea of regular Building. ARCHITECTURE. At its first Invention it was more simple than at present a

At in fril favention it was more simple than at profess; and when in Africations they came to adorn, and critical when in Africations they came to adorn, and critical was a supersymmetric through the control of the African and the primitive simple Manner they call it by a mee Wanne the Typican Order. See Ture a.m.
The Tradition is, that Direct, King of Africatio, having the ball at Temple of this Order at Argon, which he desired that it a Temple of this Order at Argon, which he desired that it as Temple of this Order at Argon, which he desired that it are the supersymmetric than the control of the African at the A

Some time after its Invention they reduced it to the Pro-sortions, Strength, and Ecauty of the Body of a Man. Hence, is the Foot of a Man was judg'd the 6th Part of his Height, as the Foot of a Main was judge of the fort Fort or in Stedies, they made the Brite Column, including the Capital, 6 Diameters high, i.e. fix times as high as thick. Afterwards they added another Diameter to the Height, and made it? Diameters added another planetters; with which Augmentation it might be faile to be meast the Proportion of a Main! The human Foot, or leaft not being a 6th, but nearly a 7th Part of the in our Days, not beir Body. See Column.

X*

The Cheracters of the Brite Order, as now more of the the the file of the Column, which is a Diameters, it is Print, the Height of Int Column, which is S Diameters, it is Print, the Height of Int Column, which is S Diameters, it is Print, the Copied, which is with the cred and the political of Cymritium. See Tracturym, Cast virth, See Order: The first of the Copied and Martin, they and chiefly in Tumpler; The Scood, which was the more Privative, in the which was the more Direct order of the Triptyths, and Martin, the Copied and Copie

Columns. See INTERCOLUMINATION.
The Moderns, on Account of its Solidity, aff it in large
flrong Ballidings; as in the Gates of Gites, and Citadels, the
Outsides of Churches, and other marily Works, where Dellcast of Omaments would be unfaitable.

be most considerable ancient Monument of this Order. the Theatre of Marcellus, at Rome, wherein the Capital, the Height of the Erize, and the Projecture, are much finaller than in the modern Architecture.

Vignola adjults the Proportions of the Deric Order thus: The whole Height of the Order, without Pedeffal, he divides into 20 Parts, or Models; one of which he allows the Bafe, 14 to the Shaft, or Fuft, one to the Capital, and 4 to the Enplature

The particular Proportions, &c. of the feveral Parts, and Members, for under their respective Articles, Shapp, Ca-pital, Entablature, Pedestal, Base, Architrave, FRIZE, and CORNICH.

Donic Cymatium. See Cymatium. Donic, in Music. The Doric Mode is the first of the au-

thentic Modes of the Ancients.

thentic Modes of the Ancients. Its Charafter is to be fevere, temper'd with Gravity, and Joy; And it is proper for Occasions of Religion, and War. It begins with D, Sol. Res. See Mons. Plate admires the Massic of the Derice Mode; and judges it proper, to preferve good Manners, as being Massaline. And on this Account allows of it in his Common-wealth.

The Ancients had likewife their Subdoric Made, which was one of their Plagal Modes. Its Character was to be very grave, and folemn. It began with G Ut, a Diateffaron lower

than the Doric Mode.

DORMANT, is the Herald's Term for the Posture of a yen born feeping, in a Coat of Arms. DORMANT-Tree, in Building, a Name the Workmen frenently give to a great Beam lying a-cross the House; ufnally B'd a Summer. See Summer.

SOC SUMMER.

DORMAN-T-Tyle: See TYLE:
DORMAN-Tyle: See TYLE:
DORMAN-Tyle: See TYLE:
DORMER, or DORMANT; in Architecture, is a Window made in the Roof of an Houfe, or above the Entshitter; being raised upon the Rafters. The Letins call it
Lucerne, whence the French Lucerne, and our Luthern.
There are divers Kinds; Square, Round, See. See Levi

DORMITORY, a Gallery in Convents, or Religious Hoafes, divided into feveral Cells, wherein the Religious lodge, or lye, &c. See Convent.
"Tis deem'd a Crime in a Religious to lye out of the Do

nattory. By Chap. XXII. of The Rule of St. Benedict, it appears, that the appears, that the appears, that the appears Dormstories were not divided in-

to Cells, but were a Kind of large open Halls, fall'd with Beds, as in our Hofpitals. See Cells. The Word is form'd from the Latin Dormitorium, of dorire, to fleep. DORSAL Nerves. See Neaves.

DORSALIS Tabes. See Consumption, and PHTHY-

DORSI Latiffinus, in Anatomy. See LATISSIMUS

DORSI Lettiffmus, in Anatomy. See LATESIMES DORS Lettiffmus, a Marke common to the Link, and Library and Library and the common to the Library and Library and the supper Parts of the Officerum, the confidence, and first Represent of the Lates, and first Represent the Lates, and first Represent the Lates, and first Represent the Common thank of the Common thank of

in the first of the Neck DORSIFEROUS, or DORSIPAROUS Plants, are those of the Capillary Kind, which are without Stem, and bear their Seeds on the Backfide of their Leaves. See Capillary.

DORSUM, in Anatomy, is the hind Part of the Thorax; of commonly translated, Back.
It includes the Loins. See Loins.

It includes the Loins. See Loins.

Amount and Pedit, is the Outfide of the Hand, and Foot, Or that Part opposite to the Pedim, and Sale. See Palm, and Sole. See Palm, and Sole. See Palm, and Sole. See Palm, and Sole, is the Ridge of the Nofe, which runs the whole Length of that Part. See Note.

In those we call Roman Nodes, the Dorfam is higher, and more prominent about the Middle, than in the redt 3 which Part is call'd the Spins. See Srina.

DOSE, in Phirmacy, Sc. the Quantity of any Medicine to be taken at one Time: Or the Weight, or Medicine of the feveral Ingredients in a medicinal Composition. See

MEDICINE.

name CENE.

A Secret in Physic is nothing, unless the Dofe be know,
Authors, and Differniancies, that describe the same Remedfrequently the Dofe is different, which occasions a great Difference in its Effect. The Word is form'd from the Greek Nove, which fignifies

the fame Thing.

Dr. Cackburn has given us an Effay towards determining the Dofes of purgative Medicines, on Mechanical Principles. See PURGATIVE

DOSITHEANS, an ancient Sect among the Samaritage Sec SAMARITAN

Mention is made in Origen, Epiphanius, Jerom, and di-vers other Greek and Latin Fathers, of one Dofithess, the Chief of a Faction among the Samaritans; But the Learned Chief of shifton among the Staterizari, But the Learned are not at all agency, at to the Time wherein he lived. St. Green in his Biologue against the Lanceferizari, makes him briter one Streen's wherein he is followed by Darred Staterizari, and the Lanceferizari, and the Lanceferizari, and the Lanceferizari, and the Lanceferizari, Lanceferizari, But Stelliger will have him fine our Stellur's Time. And, in effect, Green is the Lanceferizari and the Lanceferizari and the Lanceferizari and the Lanceferizari and the Margine at the Postariari Lanceferizari and the Margine at the Lanceferizari and his Stat's was filled fieldly like the Lanceferizari and his Stat's was filled fieldly as appears from a Decre of that Patrianch, possibility hy survivolle tracting the manner from the Lanceferizari and proposed to the protection that the content Patrianch and protection of the protection and the Charles and t

juriously treating the ancient Patriarch, and Prophets; and attributing to hunfelf the Spirit of Prophety. He makes him cottopporary with Strong Maguey; and accufes him of corrupting the Pentateuch in divers Places, and of compoang feveral Books, directly contrary to the Law of God.
Arch-Bifhop Ujber takes Defithers for the Author of all

Acti-Billop (jby take Diplotus for the Author of all the Canages made in the Canages made the Canages and the Canages and the Canages and the prove by the Authority of Editions. But all we can jully great by the Authority of Editions. But all we can jully converged the Season-test Copies and and it in this Sci. But that Corruption did not pair into all the Copies of the Canarriate Presentation, so with the Immage, a which vary a Canarriate Copies, where it is high that Displit, it can accurate to Canade, where it is high that Displit, it can accurate the Canade, where it is high that Displit, it can accurate the Canade of the Charles of the Canade of the Charles of the Canade of the Charles of the Charles of the Canade of the Charles of the Canade of the Charles of the Charle

and to have abandon'd the Ferris Party for that of the Sa-He imagines him likewife to have been the Author of the Sect of Sudducer; which is inconfiftent with his being later than our Saviour. And yet the Jefuit Serrarius agrees to make Dafatheus the Mafter of Sudoc, from whom the

Sadducees are derived. See Sadducers.

Tertullian, making mention of the fame Defitheus, ob-

of ferves, that he was the first who dared to reject the Authority of the Prophets, by denying their Infpiration. But he makes that a Cerne peculiar to this Sectury, which, in Reality, is common to the whole Sect, who have never allowed any best the Sex Section Section (1).

DOUBLE Ples, in Law, is that wherein the Defendant alledges for himself two feveral Matters in Bar of the Action, whereof, either is fufficient to effect his Defire, in debar-

rion's wateroot, causer as turnspart to enter Billerie, in depar-ring the Plaintiff. See Plas.

This is not admitted in the Common Law: for which reason it is to be well observed, when a Plea is double, and when not; for if a Man alledge feveral Matters, one no-thing dependant on another, the Plea is accounted Dauble; But if they be mutually depending on each other, then it is accounted but Single.

38 accounter that carrier.
Downer Penarrei, Duplex Querela, a Complaint made by a Clerk, for other, to the Arch-Bilhop of the Province, against las inferior Ordinary, for delaying Juffice in fome Ecclesifical Cause, as to give Sentence, infittute a Clerk personard, or the like.

Its Denomination feems owing to this, that it is commonly made both against the Judge, and him, at whose Suit Justice delay'd.

Double Ratio. See Duple.

Double Vessel, in Chymistry, is when the Neck of one Bolt-Head, or Matrass, is put, and well luted into the Neck

another It is also call'd a Pellican. See Petrican, and Ma-TRASS

Of thefe there are divers Kinds and Forms, un'd in the Condition of Spirits, in order to their being exalted, and refind as high as can be. See CRECEATION, CORDA-TION, RECTIFICATION, Se. DORLAR LETTER, in Grammar, a Letter, which has the Force and Hiffed of two; as the Hebrew Tfolic, which is conjunated to the Latin T and Sq. the Greek Tg. Se. See

ogivalent to the Latin Z and 23 not 25 to 12 Level. Level Latin Z and 24 cere, when we personne the Latin Azis, or the English Azislava, when we personne the Latin Azislava is the weight as whe them Sound, as if it were water with two co. Azisla, Azislavay, or a can la, Azislavay, allignery. Double Level, along with the azislava is a latin Azislavay. The Lating multiple Latin Lating and Latin Most of the modern Languages have the

Double Speak. Descant, in Music. | Descant. | Peagl. Tenaille. TENAILLE. Time, in Music

L'Inne, in Music. S (TIME. Inflances of Double Children, Double Cats, Double Pears, &c. are frequent in the Philapph Translatt, and cliewhere. See Monstra.

effewhere. See Monstan.

Sir John Floyer, in the fame Transactions, giving an Account of a Double Turkey, furnishes fome Reflections on the Production of Double Animals in general. Two Turkies, he Federlien of Diouble Atimals in general. Two Turkise, better, were taken out of an Ego of the common Size, when the relt were well hasteld, which gave together by the Flefs of the Bratel Boose, but in all other Fars were diffined. Nationary, and Room for their Growth; which laters, soo, was apparently the Occasion of their Cohefion.

For, having two diffined Cavities in their Bookes, and worldown the world form worldown the own Houses, they would have arolf form two Clearing they are the Western the Weste

two Hearts; they must have arose from two Cicatricula's; and confequently, the Egg had two Yolks; which is no uncommon Accident. He has a direct Domote Catefore, he affure us, that, the it has four Logs, four Wings, &c. it has but one Carity in the Body, ore Heart, and one Head; and confequently, was produced from one Cicatricals.

Pereus mentions a Double Infant, with only one Heart : In which Cafe, the Original, or Stamen of the In-Heart: In which Cale, the Original, or Stames or the in-fant was one, and the Veffels regular; only, the Nerves, and Arteries towards the Extremities dividing into more Branches

than ordinary, produced double Parts.

The fame is the Cafe in the Total an ordinary, produced sounds Parts.

The fame is the Cafe in the Double Flowers of Plants, reason'd by the Richness of the Soil. So it is in the Eggs

of Ouadrapeds, &c.

of Ogastrapch, Gr.
There are, therefore, two Reasons of Duplicity in Embryo's: a. The Compyring, or Conceions of we perfect Actinute; And., a. An extractedinary Division, and Rumi-fondom and Actinute; And., a. An extractedinary Division, and Rumi-fondom and Actinute; A. Corés is denominated by the Conceined and the Angle, Ant is, each Estermity has two Picins: In Contractification of Perfect, where the Extremely is Interprel difficultion to Pichose, where the Extremely is Interprel difficultion to Pichose, where the Extremely is Interprel

away to one Point. See Cress. Leigh calls it Double Prichy, which feems to be a Mif-

any to one the term of the term or be a Mit-tale. Gibbs or gratifies in by an Oligana Civiji, he are perfectly an experiment of the control by a final space of a line when being a part of loss sole by a final space of a line we point where proceed one abid Point; or sense Angle between 'ten. Dourste Point, in the sighter Geometry. When all the Points are sense and proposed the proposed one of the control of the control of the control of the control diames of the Carriffon, and in the Calesti Parisbol, and in the right Lines which we spralled us the Abstitute of Pro-ceeding the control of the control of the control of the Carriffon and the control of the control of the control of the loss of the Carre, placed (as I may fix) at a mindate Distance. When chairs of the Carre, placed (as I may fix) at a mindate Distance, when chairs of the control of the carre, placed (as I may fix) at a mindate Distance. When chairs Distance, Siptem Server well as Dittance, Which considers Instriction, whether it be st a finite, or an infinite Dittance, Sir Hase Newton calls the Double Point. See Cunvil. BOUBLINGS, In Heraldry, are the Linings of Rebes, or Mantles of State; or of the Mantlings in Archievements.

BOURLINGS, in Hendbay, are the Lunguy of Roots, or Munica of State; c or of the Maneling of Authorsemous Danking of State; c or of the Maneling in Architecturals, in a Military South, in the parting use Danks, and Frinc. Description, in one one. See Ranks, and Frinc. Description, in one of the Maneling of the Control of the Control of the Market are to mench up like the first, third, and fifting for that of St. Ranks hap made has the line of the Market are to mench up like the Control of the Market are to mench up like the Control of the Market are to mench up like the Control of the Market are to mench up like the Control of the Market are to mench up like the Control of the Market are to the Market are to the Market are to the Market are to the Market are the Market are to or on the contrary.

Double your Files, directs each other to march to that next

to it on the Right, or Left, according to the Word of Com-

mand : In which Case the fix Ranks are turned into twelve mana; in which case the lix Kanks are turned into twelve, the Men shanding twelve deep; the Distance between the Filos being now double of what it was before.

ing now somete of what it was briore.

Downling a Cape, or Point, in Navigation, fignifies the mine up with it, passing by it, and leaving it behind the

coming up with it, pressed, yet, and the first that ever southers.

The Partinguese pretend to be the first that ever southers the Cape of good Hope, under their Admiral Vasquese de Games: But we have Accounts in History, particularly in Hemister and the Cape of good Hope, under the Marian Re, having the Cape of the

ms: But we have Accounts in History, particularly in Ho-redotus, of the Fortisians, Carthagemans, &c. having done resorts, of the zggyrtass, correspondence, on having done
the fame long before them.

DOUBLON, DUBLOON, a Spanife Coin, being the

Thunkle of a Dishole See Parent I.

DOUBTING, the A& of Withholding a full Affect from

DOUBTING, the Act of Withholding a full Atlent frum any Proposition; on Suspicion, that we are not thoroughly apprised of the Marits thereof; Or from our not being able peremptorily to decide between the Reasons for, and against it. See Faxwer I. See FAITH, LIBERTY, ESC.

t. See Fairn, Library, & E.

The Sophick, and Pyrrhomians, doubt of every Thing:
The Character of their Philosophy is, not to allow any Thing
for true; has to withhold the Affent, and keep the Mind
for, and in Sufprence. See Searrices. The Chara

tree, and in Sufpence. See SCRYTCES.

The Effectiveness trial their Senfes, and doubt of their Reafon: Their leading Principle is, that our Senfes always reliable to their lands, and only Criterions of Truth; and that you come within the proper Province of Doubing. See Extra

CEREAN.

The Correspons, on the contrary, of all Things hid us deathst our Senfes; They are perpetually inculcating the Deceiving of our Senfes; and we are to deathst of every one of their Reports; till they have been examined, and confirm'd by Reports. casen. See Cartesians; as also Trutti, Fallacy, Se. Douring, in Rhetoric, a Figure wherein the Orator ap-

Readen, See Charveria away as also Interrup Pathelety Ofposition time fidentising, and anderstanded what to do,
or ligh. When field I dot Sheell rightly to tided I since me"There for the state of treme is nigger man the riose.

ers to a There's Tail. The French call it Queue d'Aronde, Swallow's Tail; which Name the English themselves retain in Fortification.

Sec Queue & Arone

DOVETAILING, in Architecture, is a Way of faftening oards, or Timbers together, by letting one Piece into an-

Boards, or Timbers together, by setting one Piece into an-other industriely, with a Done-stail Joint, or with a Joint in the Form of a Done's Tail.

DOWACER, Done's, (a. 4. a Widow endowed, or that has a Jointure) a Tinte, or Addiring applied to the Widows of Princes, Duese, Earls, and Perfons of Honour only. Sueca

DOWER, or DOWRY, by the Latins call'd Day, i DOWES, or DOWRY, by the Latins call'd Das, is pro-perly the Money, or Fortane, which the Wife brings her Haf-bend in Marriage, to have the Ufe of it, during her Mar-riage, towards fupporting the Charge thereof. See Mars 1.00 s. It is otherwise call'd Merriagram, Marriage Goods. See MARITAGIEM

Among the Germans it was anciently cuftomary for the Husband, to bring a Dowry to his Wite. Romans non in

Amount on Germann I was anothing cuitfidinity for the CD/p fast Unreshed Does striberty: List First genume agent on the designation of the CD/p fast Unreshed Does striberty: List First genume agents par the designification of Real Syllman Corresponding to the CD/p fast Does Marine, Bellarai Marines affiliation of Chairly have been continued to the CD/p fast of the CD/p fast of

Refigious Order.

Rengious Order.

In France, the Downy of Perfors entering a Monaftery, to make Proteffico of a Religious Life, is limited by Law. That, e.gr. given apon entering a Monaftery of Carnaelizes, Urfelienes, and others, not regularly founded, but effebling flotte the Year 1600, by Letters Parents, must not exceed the

Sum of 8000 Livres, in Towns where Parliaments are held; the Remans, which was equivalent to four Sefterces, nor 6000, in other Places,

Downa, by the Latins Descritum, or Descritum, is also a Portion of Lands, or Tenements, which the Wife enjoys for Term of Life, from her Husband, in Case she furvives him; and which at her Death, defeends to their Children.

and which ar her Denth, defends to their Childra.
Among the Gotte, for Everer was only the tand Part of
the Heddinsk Histor.

The Law Hook diffingshift five Kinds of Eberer: via.

Done Law Book diffingshift five Kinds of Eberer: via.

Dones to Figure commence: Done of the Confirmation.

The History of the History o

which there lies a Writ of Dover.

Dower by Cufton, gives the Wife, in fome Places, half her Husband's Lands, to long as the lives firele; as in Gavel-

Rind. And as Cuftern may enlarge, fo may it abridge Theeser, and reftrain it to a fourth Part. Down, and relitain it to a fourth Part. In Down are Afficing Fartir; and as Oftiams Ecclefie, the Wife may have to much Down, as shall be stliggted, or agreed upon; but it ought not to exceed the third Part of the Hobband's Lands. It this be done before Marriage, it is

call'd a Jointure. Down de la plus belle. By this fhe is endowed with the faireft, and beft Part of her Husband's Effate. DOWNS, an Elevation of Stone, or Sand, which the Sea

gathers, and forms along its Banks; and which ferves it as a The Word is form'd from the French Done, or the German Duins. Charles de Vifeb in his Compend. Chrowleg. Exord. & Progreff. Abbat. Clariff. B. Maria, de Dunis, fays, Vollem reperit Arenarum Collibus (quos Incole Day-

n vecant) unsique cinclam. Downs are particularly used for a famous Road for Shipa. along the Eastern Coast of the County of Kens; from Dover, to the North Foreland.

to the North Foreland.
This Road has excellent Anchorage, and is well defended by the Cattles of Sandwick, Desi, and Doore.
Here it is, the Digital Filters usually more. The Fleet is yet in the Downs: Sant's from the Downs.
The Word is formal from the French Down.

the World is found a found the Frenk Daws, or the Cortice Daws, a Mountain, or Eminence.

DOXOLOGY, a Church Term, applied by the Greeks to the 14th Verse of the second Chapter of St. Links, Glory be to God on High, &c. because beginning with the Greek

be to Gos on High, &c. becaute beginning with the Greek Word 1852, Glays.

This they diffingsift by the Name of Greet Decelogy.

This they diffingsift by the Name of Greet Decelogy.

The Gleria Patri, Glogy be to the Father, they call the Loft Decelogy, as beginning with the fame Word 1852.

The three others were computed by the Arisus: The The three others were computed by the Arrisas: 1 Be cond was that of Essuantist, and Eudostus, and which w approved by Philoforgius. The three were all made ab-the Year 241, in the Council of Articolo, when they first gao to disagree among themselves: Philoforgius afa gas to disligate among transleves: "Projectives and us, that Favious, atterward Patient of Antioch, we the Author of the first, or Catholic Decelogy; but Second and Theodorer, say nothing of it; and Philosogies, Arian Anthor, scarce deserves to be credited on his fin. Word,

There were anciently very great Disputes, and principa at Antioch, as to the Form of Davalogy: That mostly a among the Orthodox, was the same as till obtains; the r were affected by the Arians, and other Antininitarians: Y St. Bafil, in his Book, on the Holy Spirit, defends the cond as orthodox, and legitimate, Soc Eustathian. card as orthodox, and legitimate, See Eustratian.
Some Authors with Hymotology, as Gyrochymous W. Danology: But there is a Difference; Hymotology is a piled to Poliman, or the Rectation of Pfalma; and Zhande only to the little Verfe, Glony be to the Father, See, repeat at the End of each Pfalm. See Hymotology.

DOZEIN. See Dreamiten.

DRACHM, DRACHMA, an ancient Silver Coin, ufed

among the Greeks. See Cotsi.

The Drachms is fuppoled by most Authors to have been Against the Jaw.

Against the Jaw.

Bight one in the Crown of the Head.

the fame among the Greek's, with Denarius, or Penny, among

Of this Opinion is Budens, de Affe; who confirms it from the Authorities of Plins, Plutarie, Strabo, and Vaterius Maximus, with whom Jodgus is lynonynous with Denarius.

But this is no fireng Conviction, that the two Monies were

precisely of the fame Value: Those Authors, in not treating expressly of Coins, might easily render the one by the other, provided there were no considerable Difference between 'em.

provided there were no confiderable Difference between 'em, Scaliger, in his Differencian, & Re Nummaria, does not fay abfolusely, that the Denorius and Drachma were the Thing; but from a Grack Paffage of the Lavyer, C.X.XVI. Mandari, where the Drachma is fail to be com-

Delta fix Obel; he concludes, that in the Age of Stverus, at least, the Denorius and Drachma were the time. But Agricola, de Monf. & Pender. L. IV. proves from Pliny, Celfen, and Seribonius Largus, that the Denorius only an'd ? Ounces; and from Lavy, Appian, Cleopatra, &c. the Drachma contain'd 8: And maintains, that when

that the Drachma contain'd 8: And maintains, that when feme Grack Authors Speak of the Ounce as only containing ? Drachms; they don't mean the Attie Drachm, but the Roman Denarius, which the Greek Authors render by drayus.

Grecovius agrees with Agricola, via, that the Drachma was the 5th Part of an Ounce. The Opinion is continu'd by Jalane, L.XV. C. 24, by Founius, who divides the Once into yeels Terms 3 and by Polisifian, who divides the Once into ag Scriptuil, or Scrupica, whereof the Drachm comprehended three. Thus much supposed, and supposing likewise the ancient

Reman Ounce equal to the modern one, and of Confequence 40 Grains lefs than ours, it follows, that the ancient Roman ance weigh'd 536 of our Grains, and the Attic Drachma Grains. Lattly, supposing the Silver at Athens of the same Fineness with ours; and taking ours at the Price it now bears, the Asic Drachus will be found equivalent to about 7 Pence 3 Farthings Sterling. See Money.

The Greeien Way of accounting Sums of Money, was by brachme: 10 of which were equal to 6 Shillings, 5 Pence Pency; and 200 equal to 8 Mins. See Mins.

3 Fenry; and no equal to a surface, occasina, is also a Weight, and by one Phylicians; containing just farry Grains; or 3 Scupics; or the 8th Part of an Ounce. See Galans, and Ounce, in Averdapois Weight, the Drachus is an 8th Part of an Ounce. See Weight,

DRACHMA was likewife an ancient Jeweiß Money, having on one Side a Harp, and on the other a Banch of Grapes. This Coin was a holf Shekel; and was fo call'd by the Jews. "Its only the Greeks call'd it apages. It was equal

to' 2 Atric Drachme. See SHEKEL. DRACO, Dragan, in Aftronomy, a Confellation of the Orthern Hemifphere. See Constellation.
The State in the Confiellation Direce, according to Ptolomy, are 31; according to Tycho, 32; according to Bayer, 33; and according to Mr. Flambood, 49.

The Longitudes, Latitudes, Magnitudes, &c. whereof are

Stars in the Confiellation DRACO.

Jie	Names and Situations of	S	L	ngi	it.	La	tito	de.	1.3
car	the Start.	20				N	ort	h.	1 3
22-			0	•	**	0	,	"	ı
	Laft of the Tail.	n.	5	59	05	57	13	24	Ι.
fe-	Another Subfeq. and Contiguous.		6	29	10	57	30	55	
128						61			
at	Laft but one of the Tail.					6:			
be-	That follows this.	u	11	35	15	61	52	45	
rcs	15					ı		-00	1
135	Preceding the Antepenultimate.	100	٥	31	19	65	21	50	
nn,	Antepenultimate of the Tail.		3	03	11	66	21	43	ш
an	Preceding in the last Bend.	~	0	32	27	71	03	49	
	Subsequent in the fame Bend.		12	26	134	74	25	09	Ш
gle	Preced. of two follow, the last Bend		9	58	34	78	27	02	ш
_	10	_				١.			ŀ
Вy	North in the third Bend,	215	0	42	04	81	0.0	11	1
s'd	Last of those following the last Bend	٠.	29	49	00	81	39	25	١.
eft.	Middle in the third Bend; double,	-	0	10	58	83	19	35	119
ct,	In the Tongue,	_				83			
fo-	In the vengue.	MI,	20	12	05	76	14	30	ľ
	Subjequent in the third Bend.	m*	- 0			84			ш.
th	That over the Eve.	74	20	33	33	22	47	29	
p-		*	- 6	2.8	22	78	In	28	R
	In the Mouth; double,								
rd ba	Preced of two follow, the third Bend.	Ω	20	24	22	86	52	52	P,
und	20			-4	-3	1	,.	*	ı i

Subfequent in the fame,

Preced of the preced. A in the Belly. S 9 10 29

23 35 35

6

RA	245	1	DR

Marsts and Situations of	22	L	四貫	t.	Lat	1000	(c.]	3
the Start.	65			North.			100	
The Start.	-				100		- 1	2.
					ľ		- 1	
	ш	19	23	24	84	29	50	, 6
	577	3	21	19	82	25	021	6
N of 2, in the first Bend of the Neck	7/2	31	11	21	81	48	18	6
South of the preced. A in the Belly.	Ť	6	46	10	8.	10	7	4
South of the preced at in the Beny			0.0		157	30	221	7
North of the tame Triangle.		••		•	103	30	*7	4
30			- 0		١.			6
Middle in the first Bend.	72					47		
South in the fame Bend,						44		6
Behind the first Bend.	==	10	55	52	80	49	31	6
Designation of the second		9	35	57	79	06	28	6 7
	70	2	20	50	181	35	55	5
		,	-/	•	1	.,		1
35					1-6	57	en!	6
	,,,,,					40		5
		3	52	-3	179	40	0,	
Preced. of the fecond A in the Belly	. 0	10	94	-4	0.3	9	33	5
	200					13		5
40		18	48	48	77	44	31	67
(the preced. Side					1			
N. in the C against the ad Bend of	e Y	13	IC	55	82	51	04	1 3
South of the fame Side.	T 14	10	26	46	81	48	28	4 5
South of the Panie Sine.							10	6
North of the fecond △ in the Belly	. 0			-	14.	3.	-0	15
North of the second A in the Bell	f. 0	20	2.	2.	100	37	11	1 6
South of that Triangle.		17	41	42	lac	, >3	41	0
.45					١.			
North of those following, in the C	3	28	34	21	75	2 20	17	4
Informis near Cephene's Arm :	5	- 2	07	3	172	1 25	00	5 0

double. 1 27 34 77 19 45 7

DRACO Folses, with the Meteorologifis, is a fat, Hetero-geneous, Earthy Meteor, appearing long, and finous, tome-thing in the Shape of a flying Drigon. See Marzon. This Shape they will have to artic from the latter Part of the Matter of this Meteor, being fired with greater Impereo-fity, than what comes first out of the Cisend; and they fap-pel the broken Parts of the Closed, and the full-procus Minpose the proxen Parts of the Cloud, and the suppareous Mat-ter which adheres to them, forms the apparent Wings of this imaginary Dragon

DRACONARIUS, in Antiquity, Dragon-betrer. Several Nations, as the Perfinas, Parchiant, Ser-biant, &c. bore Dragons on their Standards; whence the Standards themselves were call'd Dragons, Dragons. The Romans borrowed the Cuftom from the Parshiaus : or, as Cafauban has it, from the Dace; or, as Codin, from the Allyrians

Amme the Ramous, they were Figures of Dragons painted Among the Romans, they were Figures of Dragons panned in red, on their Flags 1 as appears from Amazian Marcellitus: But among the Perfaus, and Parthaus, they were like the Roman Eagles, Figures in full Relievo 3 So that the Romans were frequently deteined, and took em for real

Dragona. The Soldier, who bore the Dragon, or Standard, was call'd by the Romans Draconariary and by the Greek's Apassague, and Agaseruseases; for the Empress carried the Caffom with them to Confeminalists.

Per. Discount Chron. Coffin. I. V. C. 29. observes, that the Bright, Coroft astri, Scanophori, Aquiliferi, Lomiferi, all mached better King Herry when he

ment into Rome

DRACONTIC Month, the Space of Time wherein the Moon going from her aftending Node, call'd Caput Draconis, returns to the fame.

MONTH:
DRACUNCULI, in Medicine, a Difeafe in Children, wherein they fied a vehement Itching 5, frappofed to artife from little Worms, call'd Dracunculif, generated from a vificid Humour under the Stin, about the Back, Shoelders, and Arms. See Wood with the Dracunculif, become heelts, and fearer rective any Nourilliment at all, the they cat penti-

fully.

The Difeafe, however, is not to peculiar to Children, but that grown Perfons have been formetimes affected with it. The Emperor Henry V. is faid, to have died of it; having had it from his Birth. The Women in Polana cure their Children of the Dra-monli, after the following Manner: The Child is wash'd,

cunculi, after the following Manner: The Chine of and bathed in hot Water, wherein a Quantity of crum'd Bread, and bathed in hot Water being and a father have been cast. The Water being and hatched in host Waterspherica s Quantity of crossed Bread, and a landful of Africa have been call. The Water being pour'd off, and the Bread grather'd into a Matin, when they govern the property of the state of the property of the title Quantity of the Entire, which Gone call Dag't Hatter, and others, Worser; and 'the foot Hatin, or Worsen, are imposed to be the Gone of the Different, early the con-clusion of the Company of the Original Acts, with Flower thereof in your specific of the Company of the Company of the Company of Tablesies, like Footpose Seed in proof on the Heiseland of Worsen. Their they forepred as in a table yapersy others.

wife they withdraw beneath the Skin again. The Operation is repeated till fisch Time as no more Tobercles arife.

The Descental is a Difficate little known in England.

The Editors of the Leipfic Acts, speaking of it, in the Tome
for the Moseth of Others 1882, call the Bodies, which put Skin amin The Operation

fee the Month of Ottober 1682, call the Bodies, which put forth at the Pores after bathing, thick Hairs, Corpicalis Pilerum croffprum inflor denils of pilife, and not fine Stander Heir, as Degori calls 'cm. They add, that thefe little Corpacites are hence call'd Orizoners; and by reason of their devouring the Food, which should nourish the Chil-

dra Camedones in, Comedones.

Capillary Worms. Exercitation de Vermibus Capillarihut As to the Nature and Figure of these little Bodies, the

As to the Nature and Figure of thefi little Bodies, the fame Editors obferce, that the Microtrope has par it paid doubt, they are real living Animals, of an Alth Colour, ha-ving two long Horna, two large round Eyes, and a long Tail terminated with a Terit of Hair; that 'tis difficult to draw them out whole, by feraping the Child's Body, in that be-ing very foft, the leaft subleing bruifts 'em, and breaks 'em. See V-xaysE.

DRAG, in Building. A Door is faid to dreg, when in Opening and Shutting it banes; or graves upon the Floor.

hence our Truchenan, as well as Dragonan, and Drag-

DRAGON, in Afronousy, Dragon's Head, and Tail, or Capus & Caula Dragonis, are the Nodes of the Flants; or the two Polans, wherein the Empire's insorted Montagonis, which is the Capus and the Capus and which is abyle of Playton. See Playsing, Olivery, and Norma, in his abyle of Playton. See Playsing, Olivery, and Norma, principles of Playton. See Playsing, Olivery, and Norma, principles of the Capus much Northwards; in Mount begin-ning then to have Northern Latitude: and the other South-ward; where the committees South. See Moon.

ning then to have Northern Lutimode: and the other South-ward y where the commences South. See Moons, (conceiling, This her Deviation from the Erliptic Grown, (conceiling, This her Deviation from the Erliptic Grown Lord Ergong, whose Religity is, where the hast the greatest Luti-tude, the Instruction representation of the sast of the sea which Refermblance the Demonitorion article. But note, that their Points abide not always in one Place, but have a Mortine of their own, in the Zooline, and retrie-ted the season of the season in the Zooline, and retrie-

gradewife almost 3 Minutes a Day; compleating their Circle gradewiste aimodi 3 Minutes a Days, compicating their Cares in about 19 Kears, is that rhe Moon can be but twice in the Ecliptic, during her Menitrual Period, but at all other Times will have Latitude, as they call it. See LATITUDE. "This in their Points of Interfection that all Ecliptes happens

See ECLIFE.
They are usually descend by the Chirachers of Dragon's Thest, and by Dragon's Tail. See Hann, and Tail.
Dancon's Eleot, Sungui Dracons, calld allo Lapatenan returns, in Medicine. See Black Dragon Epitics
The Ancients had a Notion, that the Dragon Ephting with the Elephann, fack'd all its Blood through its Eyes and

with the Ekphant, fack'd all its Blood through its Eyes and Ears; that the Ekphant falling down dead, cruffid the Drogon; and that from their Blood, thus mix'd on the Ground, arefe what they call'd Drogon's Blood, which they held in high Effects, green by Solinas, Pilmy, Iffsiare, This is the Account given by Solinas, Pilmy, Iffsiare, and others after them; but this Combat is a mere Fable,

invented by the Merchants.

invented by the Merchants.

Activenum, and Europieu illicavife give the Appellation
Dragon's Blands to Cinnabar. See Cinnaban.
But the genuine Dragon's Blands is the Jisice, or Refin of
a large Tree, called Dragon, Dragon, growing in Africa,
and Almeron. The Kefin is of a dark ree, and calley ditfoliate when brought towards the Fire: if cash is no the Since,
it finance: But diffulious with much Difficulty in any Lis-

quor.

It is a good Affringent; and is us'd in Hæmorrhag's, and Dyfenteries, to fatten the Torth, and strengthen the

There is alfn a counterfeit Dragon's Blood, made of the Gum of the Cherry, or Almond-tree, diffolved, and boil'd in a Tinchare of Brazal Wood; but this is of no Use, ex-

teps so catware Directive of Horica.

It derives in Name Directive Hood from the Reducts of its Colour, and gives its Name Dragon to the Tree that yields it. Some Botanitts talk of the Figure of a Dragon, manyly preference under the Rund of the Fruit of that Tree. is a mere Fict

DRAGONNEE, in Heraldry. A Lyon Dragome, is where the upper Half refembles a Lyon; the other Half going off like the hind Part of a Dragon.

The The

The time may be hast on my onto come as well as MRAGOOM, in War, a Kind of Solier who marches on Horfe-bode, bet without Bester; and fights on Foot, the' formerisme, now, on Horfe-bode. See Certain of the Camp. The Dryson are shally patted in the Frent of the Camp. The Camp of the Camp. The Camp of the Camp. The Camp of the Camp. They are fully present as belonging to the Infratory, and in dark Quality have Cohook, and Seyroman; he they have Correct, too, like Cavally. First Cade, do Begneri. When they march on Foot, their Officers hear the File, and the Servenst the Hulley.

Serieants the Halbert.

Menuage derives the Word Dragons from the Latin Draconstint: which in Vegettus is used to fignify Soldies. But
it is more probably derived from the German Tragen, or Draghen, whi on Horfe-back. which fignifies to carry; as being Infantry carried

on Horfe-back.

DRAMS. Sec CORDIALS.

DRAMA in Poetry. a Piece composed for the Theatre;

On a Piece of Plemantic Poetry. Sec THEATRE.

A Drama, or as we popularly call it, a Plasy, is a Composition either in Profic, or Veric, confessing, one in the simple Recitation, but in the actual Representation of an Action.

Conv. Thomatic, are Theadile. pic Recutation, but in the actual Repretentation of an Action.
Our Drawast, are Tragedies, Comedies, and Farses: For
these Grotefique Entertainments, lately introduced upon the
Stage, scarce deserve the Appellation. See Tangedy, CoMEDY, Farch, &c.

Some Criticks take the Book of Cantieles for a Drama, See CANTICLES.

The Word is Greek, Spana, which literally-figuifies Actions by reason, in Drama's, or Dramatic Poems, they ach, or repre-Sent Actions, as if they really puffed.

Some ferupulous Authors would refirm Drams to ferious

Pieces; as Tragedies: But with respect to the Etymology, is as much a Drama, as a Tragedy.

ATIC, in Poetry, is an Epither given to Pieces DRAMATIC, in Poetry, is an Epither given wrote for the Stage.

For the Laws of Dramatic Poetry. See Unity, Action, DRAPERY, in Painting, and Sculpture, the Representa-on of the Garments, or Cloathing of human Figures. See

FIGURE.

In one will be frughtly, Lindsels not only the Garling has been the frughtly, Lindsel, and med tody. The has the ten the frughtly, Lindsels, and med tody. The has the root Cornations, see Lindsels, See Paissyrace, The Art of Dipringy conflict shiftly in three Points, ex. The Order of the Folds, or Plates: The different Quality of the Stuffis. And the Variety of herit Colours.

As no the Folds, they floud be for manufal, that you we tilly precise what it is that they cover, and distinctly many offily precise what it is that they cover, and distinctly the control of the property of the proper

may estify perceive what it is that they cover, and difficulty and the property of the propert

ot, others firm, and folid. The Variety of *Colours*, when well manag'd, makes t great Beauty of a Painting; all being not equally amicable, and friendly, with respect to each other; and some never to

and friendly, with respect to each other; and some beplaced rear certain others. Sor CoLOUNING.

Mr. de Pilés gives Abundance of good Observations, as to Draphery. Their first Effect, he observes, and that which the Painter ought to have principally in View, is, that which the Things they are supposed to cover: They which the Painter ought to have principally is View, is, that they expect the Thing they are fuppoide to cover: They must tover be made to adhere, and thick to the Parts of the Body: A great Lightnerie, and Motion of the Drapery, are only proper for Figures in great Agitation, or exported to the Mind. The Nuclitics of the Figures thousal always be defigned, 'etc the Painter proceed to the Draperies. Paolo Versongle could in Draperies.

The Word is French, Drapperie, form'd from Drap, Cloth. The Word is secon, Jusqueres, torns of trom zuroge, soon. DRASTIC, from Palestas, editions, britis, a purgative Medicine that works with Speed, and Vigour; as felley, Sozzamony, and the frecoper Carbardiack. See Peneros. DRAUGHT, in Medicine. See Peneros. Drawner, in Track, is an Allowance made in the weighing of Commoditation, of Lower Complex. See Convoc. DRAUGHT, in Palestas, Co. 2016.

DRAUGHT, in Painting, Co. See Diston.
DRAUGHT, or, as 'its prosounced, Draw', in Architecture, the Figure of an intended Building deficitled on Paper; a wherein is laid down, by Scale, and Comparfs, the feveral Divisions, and Partitions of the Apartments, Rooms, Doors, Paffager, Comenicacies, &c. in their dae Propersion. See BUILDING.

"Tis ufual, and even exceedingly convenient, 'ere a Build-ing is begun to be rais'd, to have Draughts of the Librography, or Ground-plot of each Floor, or Story; As also

of the Form and Fashion of each Front, with the Window of the Form and railties or exchrons, with the Windows, Doors, Oraments, G.c. in an Orthography, or Upright. See Icunonaryus, and Orthography, or Upright. Sometimes the feveral Fronts, G.c. are taken, and represented in the fame Draught, to flow the Effect of the

whole Building, call'd a Scenography, or Perfective. See SCENOORAPHY.

DRAW. A Ship is faid to drow fo much Water, according to the Number of Feet fine finks into it.
Thus, if finfene foot from the Bottom of her be under
Water, or if the finks into the Water fifteen Foot perpendicularly, the is faid to drawe fifteen Foot Water; according
as the drows more, or left, the is faild to be of more, or left.

Draught. DRAW-back, in Commerce, a Rebate, or Discount, upon the Price of Comm

Da an-Beck, in Commerce, a Rebets, or Difeours, upon the Price of Commodities, parchased on certain Conditions, or REBATE, and Discover.

Da an Bridge, a Bridge made after the manner of a loose, to be draten up, or let down, as Occasion ferves, become the Gaste of a Town, or Castle. See Batto B.

DRAWING Medicines, or DRAWERS. See EPISPASTICES. d RIPENERS

and Revaners.

Drawne of Gold, or Silver, is the patfing it through a Number of Holes in an Iron, each six than only, to bring the Number of Holes in an Iron, each six than only the Iron Drawne of a 20th of Exchange, is the Writing, figuing, and giving it to the Perfon who has sixedly pay'd the Vales, or Content thereof, to rectly it in another Place. A Perfon Broad career Area x 20th of Exchange, which he be Perfon Broad career Area x 20th of Exchange, which is the Revolution of the Revolutio Exchange.

DRAWING, in Painting, Co. See DESIGNING. DRAWING, among Hunters, is when they beat the Bushes after a Fox.

mer a rex.

Drawcing smift, is when the Hounds, or Beagles hit the
Scene of their Chaice contrary, fo as to hit is up the Wind,
whereas they thould have done it down the Wind.

Drawcing as the Sies, is when the Hounds touch the
Scent, and draw on till they hit on the fame Scent.

DRENCH, among Farriers, a Physical Draught, or Po-tion given a Horfe, by Way of Purge. See Poyton. DRENCHES, or DRENGES, in our old Cultoms, a Term about which the Lawyers and Antiquaries are a little divided.

Drenges, fays an ancient Manuscript, were Tenemes in Capite. Spekman fays, they were e Genere Vasfallorum nops Ignobilium, cam finguli qui in Domes-day nommantur fin-Revolvinms, case finguit qui in Bomes-day numinatur pia-gula pefflerent Maseria. Such, as at the coming in of the Canqueror, being put out off their fillatus, were afterwards upon Complaint rethord thereto 3 for that, they, being be-fore Owners thereof, were neither in Austino, nor Constito against him

DRESSING of Mests, the preparing cm for Food, by means of Culinary Fire. See Ma.r., and Foon. The Defign of Dryfelfg, is to loofen the Compages, or Tex-ture of the Fielh, and dispote it for Difficultion, and Di-gettion in the Sumanth. First no being a proper Food without Dryfelgs, is alledyd as an Aspument, that Man was are intended by Nature for a Carmarousa Manimal. See

CARNIVOROUS The usual Operations are Reasting, Boiling, and Storning.

In Roofing, it is observed, Mean will bear a much greater and longer Heat than either in Boiling, or Strewing; and in Beiling, generar, and longer than in Strewing. The reaston is, that Roofing being perform'd in the open Air, as the Parts bogin externally to warm, they extend, and dilate, and fo gradully let out Part of the rarified included Air, by which means the internal Succassions, on which the Diffoliation depends, are much weaken'd, and abated; Boiling being perform'd in Water, the Preffure is greater, and confequently, the Sucuf-fions to lift up the Weight, are proportionably fitting; by which means the Coction is haften'd: And even in this Way there are great Differences a for the greater the Weight of Water, the iconer is the Bufiness dope

of Warr, 100 towards the numers done.

In Stemung, the 'the Heat be infinitely fhort of what is employ'd in the other Ways, the Operation is much more quick, because perform'd in a close Vest'el, and full, by which quick, recursive perform of in a close Veiled, and full, by which means the Succentifions are more often repeated, and more fitnengly reverberated. Hence the Force of Peppin Digifion and bence as Hingitation of the Operation of Digifion. See Disastron, and Disastron, and Disastron.

Zeiling, Dr. Lévense observe, draws more of the Rank, flexes jusces from Meat, and leaves it left nutritive, more different particular and properties.

lighter, and eather of Digestion: Rossling, on the lated, against, and cared a pagentions other hand, leaves it fuller of the firong, nutritive Juices, harder to digeft, and needing more Dilution. Strong, grown, and adult Animal Food, therefore, should be beil'd; and the

younger, and renderer, roafted. DRIE Exchange, Cambium Sicrum, a foft Appellation, anciently us d to disguife Ufury under intimating fomething to pass on both Sides, whereas, in Truth, nothing pass d i . . . one i In which refreed it might be called Des See Dut on one.

Liner.

Cambium ficcius, fays Lud. Lopes, de Contract. & Negot.

cambium non habens Exifentiam Cambii, fed Appaventium ad Inflar Arbovis Exfecteta, &c.

ntiam as inglar Arours Expe

DRIF Rent. See RENY Sec.

DRIFT of the Foreft, an exact View, or Examination of
what Cared are in the Foreft, that it may be known, whether
it be overcharged, or not, and whose the Beatls are; an
whether they are commonable Beatls, or not. See Forest,

and Common nd COMMON.

DRIFT-Sail, in a Ship, is a Sail us'd under Water 4 it is

Darry-Siti, in a Silp, is a Sil and under Water it is excited out fight a sheal, upon the Sen in a Storm, having Steen the Silp, Head right upon the Ser. It is allow delay, to binder a Silpy Head right upon the Ser. It is allow delay, to binder a Silpy deriving with a Current, and with that View generally wid by Ether-men, and with that View generally wid by Ether-men, and with that View generally wid by Ether-men, BULINK, a Peter 6 our ordinary rood, in a liquid member, fevring to dilute, and motifien the dry Mext. See Foots.

The Zyrindy, in different Countries, ore different. Thefe,

The Drinks, in different Countries, are different. Those, ordinarily wid among us, are, Water, Male-Lupsors, and Wine. See Water, Malt-Lipsor, and Wine. The Extraordinaries, are, Cyder, Phunch, Brands, Teas, Strong Waters, &c. which fee.

The Malt-Drink hew'd in England, in one Year, Chamberland, and the Maltham of the

The Malt-Drink hrew'd in Emgland, in one Year, Chem-pelague affure us, amounts to very near 2 millions of Bar-rels of firong, and (mall. See Excise. Ware, Dr. Cheyne observes, was without all Difpute the primitive original Beverage, as it is the only fimple Fluid (for there are but there more in Nature, Marcury, Light, and weet, D. Lewyne otherwy, was without an Dispute, the fine the size is the reason but the reason in the late of the property of

who could neither eat, nor digeth upon drinking Winc, who, by drinking at Meals common Warer, heated, have recover'd their Appeties, and Digellion, have thriven, and grown plump. "Tis true, ftrong Liquers by their Heat and Stimu-lation on the Organs of Concollion, by increasing the Velocity of the Motion of the Findis, and thereby quickening the other larin on the Oppins of Concerne, pp anarosan, see a voscy, of the Motics of the Tailoi, and thereby quickings the conference of the Motics of the Tailoi, and thereby quickings the Concerned of the Motics of the Sunach, with more periors (Learning to Motics to the Sunach, with more periors (Learning to Mine to the Sunach, with more periors (Learning to Mine to the Sunach, with the Concerned of the Concerned of the Sunach to the Concerned of the Sunach to the Concerned of the Con

The best Way to prevent this, is to veer out more Cable; for the more Cable she has, the furer, and fafer she rides; or

elfe to let fall more Anch Alfo when a Ship is a Hull, or a Trye, we fay, the drives to Leeward, or in with the Share, according to the Way

DROGMAN. See DRAGOMAN.

BROIT, fin, in our Law-Book, Sguifer Right, or Lewi-whered our Lawymon make its Kinds, vin. 1, fin Respir-rendi, Right of Recovering . 2 for Exercast, Right of Learning . 5 for Bellevila, Right of Having . 4 for Re-covering . 4 for Perfection, Perception, Right of Revening . 6 for Perfection, Perception, Right Law, and Richty as allo Riccious. Law, and Riccious . 6 for Perfection, Perception, BROPAN, in Permaney, an actual Medicin, in Form of a Picker, and to sake off the Hart from any Perc.

The Simple is made of an Ounce of dry Pitch, and two Drachma of Oil

Dracting of Oil.

The Compound is made with Pitch, Wax, Colophony, common Bitumen, Sulphur vioum, Pepper, Euphorhium, Cantharides, and Cattor. There are also other Ways of making it.

king it.

It was anciently much in Ufe to warm the Parts, to draw
the Blood and Spirits to them, and to cure Arrophies. It
was applied bor on the Part affected, after first financing it,
and was pull'd off again 'ere quite cold, then heated a-first',
and applied agains, and the Operation thus repeated, till the
Part were render'd very red.

The Word is form'd from the Greek Sparses, to plack, to

DROPPING, or Dripping, is a Term us'd among Fal-oners, when a Hawk mustes directly downwards in several roots, not yerking her Dung straight forwards. DROPS, in Meteorology. See RAIS.

DROPS, in Meteorology. See Rain.

The Spherical Form, into which the *Dropt* of Fluids contemporary themselves, is a Phenomenon that has a little perform themselves, is a plex'd the Philosophers.

The Solution commonly given, was, that the equable, uni-The Solution commonly girch, was, that the equable, uni-form Preflure of the ambient, or incumbent Atmosphere clo-fed 'em into this Form: But this Account will no longer pats, now that we find the Phanomeron holds in Vacua

well as in Air.

as well as in Air.

The Newtonian Philosophers, therefore, a feribe it to their
Attrafilion, which being greater between the (seeml Particles
of the Phinds, than between them, and those of the Medium,
they are, as it were concentrated, and brought as near each
other, and show as Pittle Compaig, as may be: which cannot
be, without their being fisherical.

Thus, Six figure Newton: Gatte enim Corporis enjug-

Thu, Sir Jiote Newton: Gaste sim Gesparit eijid, esp fourd, et figures flodfum sinderer convent, faire per fourd, et figures sidefum sinderer convent, faire sums fortium farram Attractile; Lietus moto par Urrer as Mersopae in Remulations motophorus congolomerer. Opt. p. 18. Sir Arrakerrus, etc. 61 Grestiat. Opt. p. 18. Sir Arrakerrus, etc. 61 Grestiat. Opt. p. 18. Sir Arrakerrus, etc. 61 Grestiat. A timic Levents of plant, to pl. Nr. Chrom, Fonking of A timic Levents of plant, to pl. Nr. Chrom, Fonking of Co. evaluate Phris, which pain smally down under the Netica of Phris; Dropt best Dama, said Damas Step smooth Dama, till they can be without Weight, and without Media. Higher, and more fever Tim, begy by buch, being the littler Stepler. upon Necessity of Drops, Drams, and Gills, till at last, &c. Essay on Health.

Effog on Health.
Englift Dacors, or Velatile Englift Dacors, or Gutte Auglicence, is a Liquor drawn by Fire from a great Number
of logsedients, and found a powerful Remedy against One
gulations of the Blood, Obstructions, Apoplexies, malignant

gulations of the Blood, Onterections, apoptocus, mangement Fevers, Small-pox, Gr. Its Inventor was Dr. Goddord, a Phylician of London, King Charlel II. had much ado to purchast the Secret of him, the he offird him 5000 Pounds for the furne. How-ever, he prevailed at single, but the Phylician look'd on it as a Favour done the Frince, to impart it to shim on fuch

Terms.

Hence it is, that the Remedy took the Name of Gutta
Anglicana. See Guvra Anglicana. Ornament in the Dorie Entablature, reprefenting Trofs, or little Bells, immediately under the Triglypha. See Traiouvest.

DROPS Y, Hydrops, in Medicine, a Difease occasion'd by peater-natural Collection of Serum, or Water, in some

Part of the Body; Or a too great Proportion thereof in the Blood. See Disease.

The Word is derived from the Greek 68us, Water, and

ode, Fasies, Pace. The Droffy acquires different Names from the different Parts is afflicts, or the different Parts the Waters are collected in. That of the Abdamen, or lower Belly, call'd fimply, and

in. That of the Abdamen, or lower being, and the abfolutely Droffy, is particularly denominated Afciles: That of the whole Habit of the Body, Anafaron, or Leuco-philogonasis: That of the Head, Hydrocophalus: That pergraetts: That of the Head, Hydrocophatus: That of the Scotum, Hydrocele, Soc Ascitys, Andaracha, Ge. There is also a Species of his Distate caused, instead of Warer, by a Collection of Wind, called Tymponites, and by Hippocrates, the Dry Drofts. See Timpanites, and by There are also Dropfies of the Breaft, Pericardium, Ute

There are an European of not green,

**Ray, Outries, Event, Ones, Ingeneral, are whatever may obfruit the ference Part of the Blood, so as to make it stageaus
in the Velicks; Or bout the Velicks themselves, so as to let
the Blood out among the Memberane's Or weaken, and relax the Tone of the Vessel's Or thin the Blood, and make
the Tone of the Vessel's Or thin the Blood, and make

lar the Tone of the Verities, for this the Blood, and make its watery as left for Periparation. The watery as left for Periparation.

In watery as left for Periparation. The Periparation of the Periparation, particularly Hemoralises, based Desking, for Heading, for the Periparation, particularly Hemoralises, based Desking, for the Periparation, particularly Hemoralises, based Desking, for the Periparation of the Periparati an Emaciation of the Body.

and an Emaciation of the Body.

The Caurities inflications are two, vin. The Fuzzantice of The Caurities of the Blood, and Videra. The first is efficied by timon Perspituse, particularly Life-strong, and Corean Artesiations. For first in are too week to bear Purgatives, Dr. Systembras recommende Emericies, whereof the best for the first meaning the prefer Directivity to either Kind. Along with the Evacurity set to the add Somanthies, effectfly, definations, cannot see to be and Somanthies, effectfly, definations, Marrhubium, &c.

Where other means fail for Evacuating the Water, Recourfe is had to the Paracentesis, or Operation of Tapping.

See PARACENTAGES. See Paragener recommends Mercurius dulcis, and Nitre, and Mayerne recommends Mercurius dulcis, and draining the Tu-mour. As for the Vifeera, they are reflored by Chalybeats,

and Strengtheners. and Strengtheners. Bagliv: notes, that in a Droffly arising from a morbid Liver, there is always a whement dry Cough: which is never observed in the other Species. Tjebo Brade observes, that Hydropic Persons usually die about full Moon. Wisin-eright exists an Infusion of Green Tea in Rhenijb Wine; when the special spec

as also Briony Juice, as excellent in this Disease DROWNING, the Act of Suffocating, or being fuffocated

water. See Surrogation.

People not accustom'd to diving, Dr. Halley observes, ben to drown in about half a Minute's Time. See Divine.

gin to drewn in about half a Munnet i I me. See IDV 1186.
Drewning was anciently a Kind of Pandifusers: In the
Time of Lonis XI. of Frover, the Chanciles affect on, the
Time of Lonis XI. of Frover, the Chanciles affect on, that
the control of the Chancile See Paramanana.
Named Hittorians, and Physicians, furnish as with diverse
ed artified lainness of furprising Recorrices of Persons
recurds: Which, if maturely combdered, might perhaps
te a little Light into the dark Notion of Life, and

Pechlin, de Aer. & Alim. def. C. 10. gives us the History Specifies, the derive of distinct body Care, gives us the Hilberg of a Gainsten of Primingipole, the heaving, and 45 prime; page 46 prime; pa

him, De. Tilafius, Keeper of the King's Library, gives us the Hifteey of a Woman he himfelf knew, who was under the Water 3 whole Days, yet brought to Life again after the fame Manner as the Tronningham Gardener: and was fill alive.

which Dray, we two given a time again atter the same summer.

Lally, Brimmson effects as, that their in the William

Bourne, of the Farith of Pitthon, he diffield at the Fancer's

Bourne, of the Larn, "Form, and Milla of Ferrety, where

Bournes of our Larn, "Form, and what of Ferrety, where

Bournes of our Larn, "Form, and what of Ferrety, where

Bournes of the Bourne, "Form, and a length drawn forth, and

Brought sight to Life. "Feelbrin, ally give all Spiciars and

Only Commodition, brought from difficat Countries, and side in

the Bufferies of Medicine, Driyan, and the Mochanic Arts.

The Drings and in Medicine, The Art Countries, and make

of the give in England, Frence, Soc. Det the general Part

of the give in England, Frence, Soc. Det the general Part

Life of the Countries, Brought, Cartel, Brokery,

Ballowin, Broaser, Brown, Brigoline, Europher, Carthonicis,

Cartannon, Gilffe, Gelbrewn, Chlomanin, Core, Oreal,

Britan Galbanton Gurte Lakkenne Optopenas Supple
Elical Galbanton Gurte Lakkenne Optopenas Supple-

com Senderae Loces, Juley, Monna, Mejie, Mirch, Mol. Opiem, Pearls, Sungaine, hillower, Galanda, Opiem, Pearls, Sungaine, hillower, Galanda, Opiem, Sengai Sin, Sies New, Songii Paraconi, Sensa, Sperma Gir, Sies New, Songii Romery, Sel Ammonie, Soldimare, Tamarinsk, Yes, Yanorin, Farbir, Yani, Yani, Yani, Tarin, Serin, Yani, Yani, Yani, Yani, Yani, Yani, Yani, Yani, Walin, Wali, Yani, Yani, Yani, Yani, Wali, Yani, Yan

The Direct and by Dyen, and of two Kinder. Admissions which give the Dye, or Caloury, Jahn Med-Galarram, which give the Dye, or Caloury, Jahn Med-Galarram, which give the Soulis to take the Colours the better, or to the Colours the Colours

Croffing.

rotting.

Those crossed, are weve on a Loom with two Treddles, firer the fame Manner as Linnen, Camelot, &c.

Mr. Seasory invented a Kind of Gold, and Silver Drug-tie, the Warp being partly Gold- and Silver-thread, and

gets; the War

DR UIDS, the Pricits, or Ministers of Religion, among the cient Celte, or Gouls, Britains, and Germans.

Some Authors derive the Ward Draid, and Drus, from the Hebrew ברושים Deruffim, Druffim, or Driffim, which

y translate, Con

impious, and accurfed. We know but little as to their peculiar Doctrines; only hat they believed the Immortality of the Soul, and the Me-

tempfycholis. They were divided into feveral Claffes, or Branches; vis. the Vacerri, Bardi, Eulages, Semothii, or Semnothei, and

The Vacerri are held to have been the Priefts; the Barat the Poers, the Bubages, the Augurs; and the Seronides, the Civil Judges, and initractors of Youth. As to the Seron-thes, who are find to barve been immediately devoted to the Service of Religion, 'tis probable, they were the fame with

the Vacerri. See BARI the Vacerri. See BARDI, U.C.
Strabe, however, L.IV. 5.197, and Picard after him, in
his Catespailia, do not comprehend all thefe different Orders
under the Denomination of Draids, as Species under their
Genus, or Parts under the Whole; but make 'em quire different Conditions, or Orders.

Strabe, again, only diffinguishes three Kinds; Bardi, Vates, and Draids. The Bardi were the Poets; the Vates, Ociarus, (apparently the same with the Vacerri) were the Sacrificers, and Naturaliffs; and the Druids, befide the Study of Nature, applied themfelves likewife to Morality, See VATES

Diogenes Lacrtins affures us in his Prologue, that the Diogenes Latrius assures us in his Prologue, that the Dresids were the fame among the ancient Britains, with the Saphi, or Philosophers among the Greeks, the Magi among the Persians, the Gymmos/philps among the Indians, and the Chaldens among the Afferians. See Mao, Gym-

and the Challens among the different. See Mato, Grate-more strip, effect on Challenger and Paris in two types. The Droid has not Guide, some Paris in two types. The Droid has not Right and the Twenty's Machines, 15th And Robbet Antherity over all the rely and commanded, decreed, symbol conference on the Challenger of the Water faccoled by the most conference among the Services of by an Eleikon, or put to the Decision of Arms. The Droid, we see observed, we on the highest Bleton. The Droid was two observed to the the highest Bleton. The Brediens of every Thing, relating to Religion. The Bright, and Guill's bound fined the on in Groods, to be sintended by two. The Challens of the Soldeling, Mata late Paris of Powerly, and key for the Noticelling, Mata late Paris of Powerly, and key the Merc, fonctions for one

tells us, they returnd withal into Caves, or the most declo-lane Parts of Foreris; a nod kept 'em there, fornetimes for an Years, under their Diffcipline.

Befide the Immortality, and Metempfyebofts, they in-firedeed in the Motion of the Heavens, and the Courle of

the State, the Magnitude of the World, and the Earth, the Nature of Things, the Power and Wildean of the Code, Er. They perferred the Memory and Alleuss of great Men in They perferred the Memory and Alleuss of great Men in most their Paulis get me off by Heart. In their constant Confined Learning, they are find to have temple the support of the Mental Confined Learning, they are find to have temple the support of the Mental Confined Learning to the Cartenany whorevolve they guided it cuty You L. XV. C. 44. They placed World Goodfaces at September 1998, and under a timingful on the Cartenany Whorevolve the Mental Confined Learning and the Confined Learning and Confined Learn fame Author concludes, it is, that the Laduceus, or Rod en-compass'd with two Serpents interwove, has been affam'd as a Symbol of Peace. Sustanius, in his Life of Claudius, afcompair'd with two occupants, in his Life of Clausius, as symbol of Peace. Successius, in his Life of Clausius, as Symbol of Peace, Successive, and Mercany is faid to be the force us, they facrificed Men; and Mercany is faid to be the finds us, they facificed Mena, and Járremay is filed to be the God they made their imburna Societies on. Died. Steular LVI. observes, it was only upon carizocalizary Occafions they made factly Vellmen; as to consider with Medicinary take, to be considered the consideration of the con-tact, the constitution of the Members, and the manner of his Bood guilding out. Angular condemned the Cultium ?— Petrins, and Clandins, pusifiled, and abolified it. See Cefer LVI. and Made L III. G. 2.

We learn from Cefar, that they were the Judges, and Ar-biters of all Differences and Difputes, both public and pri-vate, took Cognizance of Murders, Succeffions, Boundaries, vate, took Cognizance of Murders, Sucreffions, Boundaries, and Limits; and decreed Rewards, and Punishments. Such as displayed their Decifions, they excommunicated, which as disocy'd their Jiscibons, they excommunicated, which was their principal Punifilment: the Criminal being hereby excluded from all public Affemblies, and avoided by all the World; no body daring to fpeak to them, for fear of being

Strabo observes, they had sometimes interest and Authority

Streke observes, they had fenestimes interest and Authority trough to slop Armics, upon the Point of Engagings and accommodate their Disferences.

They held an Assembly every Year at a certain Season about the Hiddle of the Country, and there in a Place conference for the Purpose, kept their Assembly and the Differences of the Purpose, when the Society thinks are the Differences of the Purpose, who shock'd thinker from all

Parts.

Coffer, who had feen of the **Draids* in *Britain**, was of Opinion, they had come thence into **Gatif**: But the more able among the Modorms, generally take this for a **Mitlake, and believe the very contarty. In effect, it appears pertry probable, that the ancient **Britain** vere originally **Gatif**; that the Colles, or **Briges, Getail® Nations, were the first that extra our filland, and people it. **And that the **Draids** were the first that extra our filland, and people it. **And that the **Draids** were the first that the **Colles** or **Britain** or **And the **Colles** or **Britain** or **And the **The **Draids** were the first that the **Colles** or **Britain** or **And the **The **Draids** were the **Britain** or **Britai

along with 'em-

auong with tim.
Picard Celeoped. L.H. p. §8. believes the Druids to have born thus call'd from Druit, or Dryuit, their Leader, the 4th, or 5th King of the Gausi, and father of Garon, or Nautes. Phirsy, Salmafus, Vigenere, &c. derive the Name from Δpēt, Oak; on Account of their inhabiting, or at leaft from Apr., Oak; on Account of their inhabiting, or at least frequenting, and teaching in Foreigt; or perhaps, by ration, as Pility [Ays, they never flarificed but under the Oak. But "the hard to imagine, how the Dratis floud dome to fpeak Greek. Menage derives the Word from the close Dry, Ma-Britan, Demon, Magician. Breat from the Saron Dry, Ma-gician; or rather the old British Dring, Orange Dry, Ma-like July to be derived. Georgia Drateon Ad. In these Dry International Computer States of the Computer States of the Computer International Computer States of the Comp

has he's, he be derived. George, Recenter J. L. thack Draws he has an Old-Girls, and Germans Word, formed from I formed, or of I remain, and the Faith. This Emmology Fights expected runs, the control of the Tembor Polyment of the Draws of the State of the Learning and Philidaphy of the Draws of the Nave been derived from the African May to the State of the Control Perfon who has Commerce with the Devil, or is addicted to Magic. And accordingly, in Frigitans, where there assisted were Druids, fuch People are call *\textit{O} prais. Gathe, Dickenfon, and others, control, that the Druids borrowed all their Philotophy, as well as Religion, from the Jews.

DRUIDE. There were alfo Women, call'd Druids, or Druids, among the Gouls, &c. The Authors of the Historia Angusta, particularly Lampridus, and Vopiscus, make mem-

tim theorie.

A Dyuide, Gay Lamfridian, p. 135. and Allerander Securi Something which described in the corns is summing which described in the control of th

Laftly, the fame Vopijeus, in his Life of Numerianus, relates, that a Druide had forcold Diacletien, be should be Emperor, when he should have kill d. Apr., which signifes a Boar, and which was the Name of a Prefedus Pratorii, whom he kill'd with his own Hand.

Salmafies, in his Notes on Lampridius, is a little in easy, and plausible Opinion, that they were either the Wives, or the Children of the Draids.

or the Califers of the Drutist.

BRUM, Yingsteam, a Military, Muficel Joffmunest, of Use principally among the Foot, ferring, to call the Solidiers together, to dieft their Murch, Attack, Recrue, Ge. The Booly of the Drute in made of a very thin Old-boor, the California of Children and California of Californi reason, no Skins can be had to co Dramet, whose Body is of Brass.

DRUM, OF DRUMMER, is also a Soldier destined to beat the Drun

In each Company of Infantry there is at least one Drum, ad a Drum-Mojor in every Regiment. There are divers Beats of the Drum: As the March.

Double March Allemble Charge Retreat, Alarm, Cha-

gae, ccc.
Drum, in Anatomy, or Ear-Drum, a Cavity in the Inner
ar thus call'd from the Refemblance it bears to the Figure

of a War-Draw. See EAR.

Its outer Extreme is cover'd with a Membrane, by Anato-

Its outer Extreme is coverd with a Membrane, by Anatomitis more disulty call a Tymphanum, or more process.

The Office of the Membrane Tymphani, or Drum of the Ear, has been greatly controverted among Anatomitis. The Account beft warranted, it, that being a Medium for the The Account Bert warrance, is, that being a president so the Conveyance of the Sound to the Auditory Nerve, by its dif-ferent Degrees of Tention, it ferves to modify the Sound, and nemparate it to the Nerve well proportioned, and commenda-

race thereto.

The ingenious Dr. Helder has improved on this Theory. He conceives, that the Ačlion of the Mufel, whereby the Draws is fittenthy draw it to a moderate Tention; but when we have Occasion to Hiften, and give a particular Attention to any Sound, the Ačlion of that Mufele is then more intents, and

Occiden to lifter, and give a particular Actorism to any the Control of the Contr

DRUM, in Architecture. See TAMBOUR.

DRINGIS a Rody, or Company of Forces, thus call'd. der the Roman Empire.

under the Remess Empire.

The Name Dressgar, as appears from Vegerius, L-III.
C. 16. was at first only applied to foreign, and even hossist
Troops 5 but under the Estern Empire, it came in Use for
the Troops of the Empire is felt. On which Occasion, the
Word Apolipse was formal. It amounts pretty nearly to what we call a Regiment, or Britade. Leunelavius observes, that the Druneus was not

than 1000 Men, nor more than 400

The fame Leanelevius observes, that \$\Delta\tilde{\text{pl}}_{\text{s}}\$ among the modern Greeks signifies a \$Steff, or \$Rod, the Badge of a Dignity, or Office, as \$Rofa among the Turks; and thinks, that the Name may be form'd from the Latin Truncus. But it appears from Vegetius, that Drungus is a Barbarous, not a

Spelman takes it for Saxon, because at this Day, Trong, Threes, in Emplify figurifies a Multitude. Salmasius deer Throng, in English fignifies a Multitude. Salmessus de-rives it from Poyyes, Beak; on Account of the Barrassion's being disposed beak-wife, or terminating in a Point.

cing diffected beak-wife, or terminating in a rount.

DRUNKENNESS, phyfically consider²d, consists in a reacter-natural Compression of the Brain, and a Discompounce of its Pheres; occasioned by the Funnes, or spirituous Parts of Liquors. "Tis accounted for thus: An immoderate of the control of the contr Parts of Liquors.

Quantity of Wine taken into the Stomach, is there heated, and undergoes a Kind of Efferrefeence; which happens the more readily, as the Liquor abounds the more in Sulrarified: the more readily, as the Liquer abounds the more in Sul-phur. By this Action it becomes attenuated, and ranified, So that the graffer Parts being left behind, is finer Peru are fixed to penetrate, and finot through the Veins to the Brain; or are convey'd through the Veins to the Heart, wheree, after a further Heat, and Rarnfelbou, they are fest through the caroted Arteries, &c. to the Brain. Hence ne-ceffatily arifes a Repletion of the Meninges of the Brain; and a Compression of the Fibres of the Brain it felf, from and a Compression of the Fibres of the Brain it felf, from the fresh Stock of ratefied Sulphur, continually exploded into them; Hence also an Obstruction of the Poren, or Pastages of the Brain; a frequent, and disorderly Pastages of the Fibers, and the other Symptoms of this Diffestion of the Fibers,

and the other Symptems of this Diffeate.

Hence it is, that all Liquors will not give Drumkennofi; but only fach as by their Sulphan, or Spirit, are
dilpofed for an Effervefence in the Semanch, and Heart,
to diffirst their fubric attenuated Paris plentially to the
Brain. See Baratis, Niaway, Museurian Morion, Della-Brain. Sei

Bellin Ge. Breen, a server of the control of the co

Apris. See Goddess. Days, of Comments, and the Hamadryades, in that the Brades differed from the Hamadryades, in that the latter were attached to fome particular Tece, with which they were born, and with which they died; whereas the Dryades were the Goddeffes of the Trees, and Woods in general, and live at large in the Middle there. of. For the Δροέ properly figuifies an Oak; it was also used in the general for Tree.

We likewife find mention made in divers Authors of a Kind of Prophetesses, or Witches, among the Gauls, call'd

Kind of Propheteites, or Witches, among the Gault, call'd Dyvisitis, or Druintels. See Duratinata.

DUCAL Coroner. See Coroner.

Decal. The Latter Patents grapped by the Senate of Pointe are call'd Directles: So are the Latters wrote in the Name of the Senate, to foreign Princes. See Drost.

A Gourier was diffracted with a Zincel to the Emperer.

A Gourier was diffracted with a Zincel to the Emperer. (in 1716) against the Tark, with the Republic of Ve-

The Name Ducal is derived hence, that at the Beginning of fuch Patents the Name of the Deike, or Dege, is wrote in Capitals, thus: N...Dei Grasia Dux Venetiarum, &c. See Denn.

The Date of Directs is usually in Latin; but the Body

Histian DUCAT, a foreign Coin, either of Gold, or Silver, firack in the Dominions of a Duke; being about the fame Value with a Piece of Eight, or a French Crown, or 4 Shillings and 6 Pence Sterling, when of Silver: and twice as much,

with a Piece or rague, and a Silver: and custe as macin, when of Gold. See Co.is.

The Origin of Panests is referred to one Langings, Governour of Italy; who revolving against the Emperce Yoshim the Younger, made himide Dube of Rannung, and called the Company and brinded Dube of Rannung, and called the Company and the Company and Company an

the Younge, mide hinter Dans of Revenue, and called hinter Leaves, i. en either Leave R. or Revier. And to hew his todependence, itself Pieces of Many of vary pair her to the control of the leave of the leave to t

The chief Gold Ducass now current, are the fingle, and double Ducass of Venice, Florence, Genea, Germany, Husgary, Poland, Sweeden, Denmark, Flanders, Holland, and Zurick.

Possing Secretary, Decision of Francer's Institute, and Zurrez.
The heavief of 'cm weight 5 Penny weight 17 Grains, and the lightest 5 Penny weight 10 Grains; which is to be understood of the double Ducats, and of the fingle, in Propertion.

The Spansards have no Ducats of Gold, but in hea there-The Spaniarist have no Ducast or Gold, but in her therefore make Ufe of Silver Ones. Not that the Silver Ducast is a real Species, but only a Money of Account like our Pound, it is equivalent to 11 Rials. See Rial.

The Silver Ducast of Florence firve there for Pintlers, or

Crowns. See CROWN.

DUCATOON, a Silver Coin, firuck chiefly in Italy, par-ticularly at Milau, Venice, Florence, Genoa, Lucca, Man-ems, and Parma; The there are also Dusco, and Plemifa Ducatoons

Distribution:
They are all nearly on the fame footing; and bring a little both finer and heavier than the Prench Crown, are valued at a Fence, or a Pence mene; size, at about 4 Shill. 8 Pence Strel. See Costs.
There is also a Gold Diseaseou, thruck, and current chief-ly in Holdand. It is equivalent to an Ferina, or Guldeny, on the footing of 5 Shilling, it Pence, half Penny, the Rioon the footing of 1 Shilling, it Pence, half Penny, the Rio-

rin. See FLORIN.

DUCES Tocuss, a Writ commanding one to appear at a Day in Chancery, and to bring with him form Evidences, or other Things, which the Court would view.

The fame is also granted, where a Sheriff having in his Cuftedy a Prisoner, in a personal Action, returns upon a Habas Corpus, that he is adeo languidus, that without Danger of Death he cannot have his Body before the Inflices.

DUCENARIUS, in Antiquity, an Officer in the Ro-tan Army, who had the Command of raw hundred Men. The Emperors had also Ducenarii among their Procura-16t Emperors bad also Dinementi among their Procurser, or Instondants, called Procursariers Dinementii. Some fay, that theft were fach whofe Salary was 200 Sefferces; as, in the Camuse of the Greats, Hortes label for two bundred Sefferces, were called Dinementii. On the Others bold, that Dinementii were fach as Levied the two bundred the Panny; Or the Officers appointed to infect the Resiling of that Tribus.

The Inscriptions at Palmyra have frequently the Word Ducenarius, in Greek Ausreigen.

DUCKING-Stool, in our Customs. See Cucaing-Stool. DUCKING-Steel, in our Luttons. See Cucative-Steel, Ducking, or plunging in Water, Olan Magani: cells us, was a Diversion anciently practified among the Geils, by Way, of Exactific: But among the Colin, and Franks, a Sort of Pasishment. Facines Silvenis alluries us, that it was used among the ancient Germans for the Laxy, and Infamous.

among the ancient Germann for the Lasy, and Infances. At Margieller, and Bussion, the Man and Womm of familiation Like are condemnd to the Cafe, as they cill fig. fifted to the Law and market familiar to the Law of a 's habeape, and mark's Great times in the River. The fame is done at 'I habeape, to Bidylands the Law of their Officnoe. Sometimes a Canon-Ball is faffen'd to their Fect, to make the Fall the more rapid. They have tener rece, to make the real time more rapid. They have also a Kind of Dry Dondeling, wherein the Patient is only fuspended by a Cord, a few Tards above the Surface of the Water. This is a Kind of Strapada. The Punishment is made public by the Discharge of a Canen. See Bapti-

DUCT, Doctors, in Anatomy, a Term, in its general Senfe, applied to all the Catalis, or Tubes of a Body, as Verial, Arteries, &C. through which the Humors, Spirits, &C. are convey'd. See Canar, Tunn, &C. The Word has allo a more immediate Application to feare convey'd.

The Word has also a more immediate Application to fe-veral particular Velfice; as the flux Thoracters. Ducrus Thoraciens. See Duffus Thoracters. Ducrus Communis Goldechius, a large Canal form'd by an Union of the Duffus Cylines, and Hepoticus. This Duff-dictacking about 4 labobs, disharpes it left into the Duffus. state, by an oblique folerton, which does the Office of a Valve, in preventing the Regress of the Bile convey'd hereby into the Inteffines. See Bale.

It femetimes opens into the Duodenum at the fame Aperwith the Pancreatic Dull

Ducres Hepaticus, call'd also Meatus Hepaticus, and Ducrus Cyfices, or Meatus Cyfices, a Canal about the ligness of a Goose-quill, which arising from the Neck of the

Gall-bladder, about a Inches Diffance therefrom, joyns the Porus Bilarius, and together with it conflitutes the Ductus memment. See Croric Dult. Ductus Cost-bepatient, or Hepaticossicus. See Cror-

DECTE Cyperpatient, or Hispaticyticit. See Cvar-Hispatic.
Decres Adipol, are little Valcules in the Domentum, which cither receive the Pat Separated from the Adipolt Loculi, or Cells, or cile brings it to them: For the extream Fine-ncia of these Velfalls readers it extreme difficult to trace their Origin, or Cours

Indeed it remains fornewhat doubtful, whether the indeed it femalia formewhat doublish, whether they be hellow, and entil 202013; or whether they be not folloff Frience, fach as are observed in the Spiten, along which the liquid Fat does, as 10, 200 feet, experience in cell in Way, as the caffelt it can find. Molty-job, their first Difference, inclines to the fearme Opinion. All we know for certain, in, that they terminate in initie Chibotics of Fat, concerning the Ufe and Property whereof much termains to be different A. See FAx. DUC

puerus Panereaticus, a little Canal arifing from the Panereas, and opening into the Duodenum, ferving to dif-abore the Panereatic luice into the Intelliger. See Pane-

the Processet Just from the Institute. See Pas-censa, and Phancarary Justice.

This Duth being first distoured by Firstlauges, is fe-cusive called Datient Firstlaugustum.

The Duth being firstlaugustum the See of the Saliral Guida, ferring to discharge the Secreted Saliras into the Month. See Saliras Languages and Saliras into the Languages, ferring for the Efficience of Cases. See

ACHRYMAL Duffs.

LACHENMAL Dufft.

Ducrus Alimentalis, a Name that accurate Austremift, Dr. Yyon, gives the Gula, Stemach, and Inteffices; all Which make but one continued Caroll, or Duff. This Duff he makes the proper Characteriffic of an Animal.

Ducrus Urinarius, the fame as the Urestra. See URs.

WHEA. Ducans Hubilicalis See Francis as Hubilicalis. DUCTUS CHUINGAIS. See FUNICULUS Umbilicalis.
DUCTUS Chyliferus,
the fame as Ductus Thoracicus.
See Thuracic Duct.

Se Tuca acts 'Dust'.

Ducture Thoraction: Sec Tuca acts 'Dust'.

The Theract Dust', Dr. Whetres afficie is, was oblice
to Bornol, the Whetres afficie is, and
classified the Company of the Company of the Company
And have Tecquest, a Physician of Disply, is commonly
disploid to have first discovered in 1641; where is
Decomination Dusture Presentations: The Or Defription
to give of its Intercent is failly. For litera ecolomical it

he gives of its Infertion is finally. Fan Harne confounds it with the Reophraculum, or as he calls it, Ofterna COMI.

DUCTILITY, in Physicks, a Property of certain Bodder, whereby they become capable of being beaten, prefid, drawn, or firetch'd forth, without breaking; Or, whereby they are capable of great Alterations in their Figure, and Dimensions;

capable of great Alterations in their Figure, and Dimensions, and ride fedge in one Way, as they gain in another. See Mar-rana, Bony, Gr.
Sachi are Mexils, which being any d by the Hammer, gain in Length and Breetch what two feds. in Thickach, or be-come flowders. See Mirran.
Such, side, are Gunn, Cibest, Refon, and Same other Bo-dies, which, the or mullesleb, yet may be decommissed of the con-ting of the seed of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the control of the control of the con-trol of the control of the co

MALLEABLE.

MALLEABLE.

So that we have two Claffes of Duffile Eodies. The one

Hard, and the other Soft: Each of which we shall bellow

Circumfiances and Phanomena thereof.

One of the Properties of Gold, is to be the most dudlile
of all Bodies. See Gold.

Of this, the Gold-beaten, and Gold Wiar-drawers, furnish
us with abundant Proof. Fe. Merfenne, Montr. Robeaute,
Dr. Halley, See, have made Computations thereof: But all to the Reports of the Workmen. Monfr. Recommer, untied to the Reports of the Workmen. Month. Rennury, in the Memotries of Andraulie Reput do Sentence Anglis, took a furer Wory: He made the Exponence Smithle. A Leafing will be made the Exponence Smithle. A Leafing will be most for of Gillings, it exceeded into 5 q and a half, figure Inches; and an Onnee of Gold, which his Form of Cales are that fill as flank other high, bread, or leage, if the figure Feet: An Extent almost double what could be done so year ago. In Fa. Mortfrent time, it was doemd providings, that an Ounce of Gold should from 1650 Leaving Gold and the Cales of Gold should from 1650 Leaving Gold and the Gold Science Smith Made South Cales of Gold Board from 1650 Leaving Gold Science Smith Made South Cales of Gold Science Smith Cales of Gold Science Science Contract Contract Cales of Ca

But the Diffention of Gold under the Hammer (how con-But the Differation of Gold under the Hammer (how con-fiderable foever) is nothing to that it undergoes in the Draw-ing Iron. There are Gold-Leave, in fome Parcs, Searce \(\frac{1}{2} \) \) one Part of an Iach thick; but \(\frac{1}{4} \) \(\frac{1}{2} \) \) Part of an Iach is a no-table Thickneft, in Comparition of that of the Gold fpun on Silk in our Gold-Thread.

Silk in our Gold-Thread.

To concrive this prodejous Duffility, it is necessary, to have fone idea of the Minorer wherean the Wins-drawwar.

Thread, Eq., which every holy, known, is only Silb-Very Partend, Eq., which every holy, known, is only Silb-Very gill, second over with Gold, is drawn from a large logar gill, or covered over with Gold, is drawn from a large logar limb of Silver, utility beaut ap Dead Weight. This chep result into a Cylinder, or Rosl, about an Inch and a half in Dismeter, and it is labeled length and over it over with the Linder, and the lost length and over it over with the Linder, and the lost length and over it over with the Linder, and the lost length and over it over with the Linder, and the lost length and length

prepared by the Gold-beater, laying one over another, till the Cover is a good deal thicker than thir in our ordinary Golding. And yet even then the vary thin a swill be caff-by conceived from the Quantity of Gold that goes to gold the 50 Pound of Sätver. Two Ounces, ordinarily, do the Ba-ffisch's; and frequently little more than one. In effect, the fill Thicknets of the Gold on the lague rarely exceeds a so-full Thicknets of the Gold on the lague rarely exceeds a so-

fall Thickness of the Gold on the largor gravly exceeds *set* on Parts and Sometimen not "a.o. Parts of an Inch. But this this Cost of Gold must be yet much thinner; The larger is Received by the Inch of the Inch of Inch o ereafes in Surface. Yet the Gold fill covers it; It follows the Silver in all its Extension; and never leaves the minu-tels Part bare, not even to the Microscope. Yet, how in-connecivable must it be attenuated while the Ingot is drawn into a Thread, whose Diameter is 2000 times less than that

the Icent

of the lagor.

Mr. Rossmurr, by exact weighing, and rigorous Calcultion, Sound, that one Ounce of the Thread was 1512 Fore
long, and the whole lagor 115/55; Feet, Phari Meditor,
long, and the whole lagor 115/55; Feet, Phari Meditor,
lagorithm of the lagorithm of lag only be 1200 Foot: whereas Monfr. Recountr finds it 2222. Dr. Halley makes 6 Foot of the Wiar one Grain in Weight, and one Grain of the Gold, 98 Yards, and confequently the ten thousandth Part of a Grain above one Third of an lock. ten thousandth Part of a Grain above one Third of an lock. The Diameter of the Ware he Sund one 186th Part of an Inch 3 and the Thickness of the Gold one 1845 Part of an an lock. Ber this, too, comes short of Monti. Resummur: For on this Principle, the Ounce of Wiar would only be

safes Feet. But the logge is not yet got to its full Length. The general Bart et long of the Three of the Chall Three is find, e.e wound no Silk's and before they fain, it, in, they fair, is purpting, it between an all before they fair, in, in, they fair, is purpting, it between Wheels, in fairting it, tengthen it by above one Seventh. So that our at 44 Miller are no got to 12 at. The Bendish, now of their Ennine, or Plates, Model, Rennauer faith, is only on the contract of the safe of 120 figure Feet; whereas, the atmost the Godd between teach on, but have clothed, then the safe of 120 figure Feet; whereas, the atmost the Godd between teach on, but have believed, in our noted the

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Leaf is thickest, it will gild the Wist the thickest

Leaf is nikekeli, it will gild the War the thickeli.
Mondin Resumer competing what the Thickell of the
Gold mail be where thinteell, find it is ely one pryocoids
for the war the weath District of the Control of the
Yet this is not the unsumf District of Gold : Fee indeed
of two Ounces of Gold to the lapor, which we have here
computed upon, a fingle occ might have been useful, And then
the Thickell of the Gold, in the thirtness would only
the the Spoon-Orb Part of an Inch., the waitely be made

be the \$500000th Part of as Inch.
And yet, as thin as the Plates are, they might be made
twice as thin, yet fill be gilt; by only prefing 'em more between the Wheels, they are extended to double the Breadth,
and proportionably in Longth. So that their Thickness at
life will be reduced to one thirteenth, or fourteenth Miltife will be reduced to one thirteenth, or fourteenth Millionth Part of an Inch.

Fet with this amazing Thinnels of the Gold, 'tis flill a perfect Cover for the Silver. The best Eye, nor even the best Microscope, cannor discover the least Chalin, or Disconti-maity. There is not an Aperture to admit Alcohol of Wine,

series. Them have an Agentuse to admit Almohol of Ware, the behalfed Hald M. Name, now even Light is field. Add the falled Hald M. Name, now even Light is field. Add the differ has of the string of the first the string of the string. As to the 20xiliary of 509 Holden, it is not because of the string of the st

DUC DUE 252

of 'em us'd in Plumes on Childrens Heads, and divers other Works, much finer than any Hair; and which bend, and wave like them with every Wind.

wave like them with every Wind.
Nothing is more fimple and early than the Method of making them. There are two to the making them. There are two to the making them. There are two to the them to them he pleafes; which drawing out the Threads, winds it on its Rim; till after a certain Number of Revolutions it is cover'd with a Skain of Glafa-Thread.

with a Skain of State Thread.

The Mafa in Pation over the Lamp, diminifines infamilyly, being wound out, as it were, like a Pelcoton, or Chee upon the Wheel; and the Parts, as they recode from the Flame, cooling, become more coherent with thoft next to 'cm', and disb by Degrees: The Parts meant the First, are always the kait connecled together, and of Confequence multiple Ways to the Editor the relia flame to draw our nowards the Ways to the Editor the relia flame to draw our nowards the

The Contour of these Threads is usually a flat Oval, ing three or four times as broad as thick. Some of em fearce feem bigger than the Thread of a Silk-Worm; and fearce feem bigger than the Thread of a Silk-Woom's and are fickible to a Miracle. If the two Ends of fach Threads he knotted together, they may be drawn and bent, till the Aperture, or Space in the Middle of the Knot doot exceed one 4th of a Line, or one 48th of an Inch in Diameter. H. ncc, Mr. Resumer advances, that as the Flexibility of Glafs increases in Proportion to the Fineness of the Threads; had we but the Art of drawing Threads as fine as those of a Spider's Web, we might weave Stuffi, and Cloaths here-

Wear.

of, for Western made force. Experiment this Way & Ha. Mr. Resummer for force the property of t in Silk-worms; we shall here only consider the former.
Something has already been faid of each under the Article SILK, which fee.

Near the Anns of the Spider are fix Papille, or Teats, reprefented in Yab. Nas. Hultery Fig. 6. The Extremities of the feveral Papille are furnished with Holes, that do the Businets of Win-drawers, in forming the I breads. Of these Holes, M. Reatment observes, there are enough in the Compass of the M. Neconnar observes, there are enough in the compain of the finalled Pins-band, to yield a produjous Quantity of diffinith Threads. The Holes are precived by their Effects: Take a large Gardee-Spider ready to lay its Eggs, and applying the Finger on a Part of its Popilie, as you withdraw that Finger, it will take with it an amazing Quantity of different Threads.

Monfr. Resumer has often told 70, or 80, with a Micro-fcope, but has perceiv'd, that there were infinitely more than he could tell. In effect, if he should fay, that each Tip than be could will. In effect, 47th flooid flys, that each Tip of a 29971th familiable a chouldas, be as perfused, as a complete of the control of the contr

may Theods come our at alone a thordinal difficunt Pince in every Payallia, confequently, the Sidde having the Payallia, has ables for above 6000 Threads. The not emerge piller, has ables for above 6000 Threads. The note comedy piller has a good breads of the piller has a good Difficunce of them thereing its line Sharth, or Dad, in which it is brought to the Payllia from a good Difficunce of the work of the Payllia form a good Difficunce of the theory of the Payllia form a good Difficunce of the Company of the Belly, he finals two limits for fillers, which are the first Source of the Sills. Their form and Transparancy rever fill the center factors them the first Source of the Sills. Their form and Transparancy are we fill the secrific dense them. The Type of chi. Bod., at R., goes winding, and makes an Indiatry of Turn, and the trans towards the Payllia. From the Maje, on Koo of the International Company of the Payllia Payllia. The Maje, on Koo of the large variously, forms feveral Knots, and takes in Correl lake

the choice, nowach the Hadd period in Spirite in their levels, and their Baroches | control of Shirney and their spirite in the choice | control of Shirney and their spirite in the Spirite | control of Shirney and the control of Shirney Veillie on each Spirite policy, which shirney Veillie on each Spirite the Spirite policy and the Control of Shirney Veillie on each Spirite the Spirite, which Shir Reconstitute | control of Shirney | control of terminate in a Foint's and from the three Poils of their three Refereins it is, that the Thready, at least the greatest Plant of the Thready, drawn out at the three Poilsile, proceed, Each Referein Sirplies on Poilsile. Latily, at the Rooss of the Poilsile, are differend deveral fieldly Tubes: probably, as many as there are Poilsile. Upon Illings probably, as many as there are Poilsile. The process of the Poilsile, are different developed the Members, or Polisile. The process of the Poilsile of the Poilsi pear lail of Threath, all distinct from each other, and which, of Confequence, under a common Core, how each their personance Control the control of the con vet to be difcover'd.

We have aircady observ'd, that the Tip of each Papilla may give Passage to above a thousand Threads; yet the Diameter of that Papilla does not exceed a small Pina-head:

Diameter of that "Papilia does not exceed a fault Pink band. But we were those only confidency the largist Sydders. In the second of the paper of th The whole Spider is perhaps less than a Papilla of that which produced it.

This is easily from: Each big Spider lays 4 or 500 Eggs; there Eggs are all warmy'd up in a Bag; and as foom as the young Ohes have broke through the Bag, rivey begin to fpin. How fine mult their Threads be?

Yet is not this the utmost Nature does: There are some Kinds of Spiders so small at their Birth, that they are not Kifna of Spieces to main at rifeir nurs, into they are not visible without a Microfeon. There are utually found an Infinity of 'em in a Chaifer, and they only appear like a Number of red Points. And yet there are Webs found under them, the well night imperceptible. What must be the Tensity of one of thele Threads? The finallicit Hair must be to one of these what the most massive Bar is to the finest Gold-wire above mentioned.

The Matter whereof the Threads are form'd, we have ob-

The Matter whereof the Threads are form d, we have ch-ferved, is a wickled Matter. The Books are the fift Recep-tacles where it is gather'd, and the Place where it has the leait Confilience. This much larder when got into the fix great Referroist, whither its carried by Gashe from the former : Thus Conhiltence it adoptes in good Meafter in 18 Paffage 4, Part of the Hemidity being diffigured in the Way 5 or fe-parated by Perus delimed for that Purpofe.

Laffly, the Liquor is dried fill further, and becomes Thread, in its Progress through the respective Canals to the Thread, in its Progrets through the refrective Canals to the Positise. When their Girl appear out at the Inless, they are full glasinous 3 fo that fuch as fyring out of neighbouring Holes, thick together. The Air compleast the drying, it's beiling the Spider, more, or left, the Liquor is brought to a greater or left Conflictor, fit to draw out into Threads, for 'its too fluid for that Parpole, while yet incloid in itage.

fervoirs.
The Matter contain'd in thefe Refervoirs, when well dried, appears a transfiguret Gum, or Glue, which breaks when much beat: Like Glue, if only becomes fiscable by being divided into the finelf i breads. And probably 'two on this Account Nature much the Number of Holes to immerst.' The Matter and the Number of Holes to immerst. The Matter of the Silk form'd in the Bolles of Spiders being much contained to the Silk form'd in the Bolles of Spiders being much contained to the Silk form'd in the Bolles of Spiders being much the Silk form'd in finaller. Otherwise we don't conceive, why the should form a great Number of Threads, which were afterwards to be re-united: a single Canal might have done. See Divisign LITT

DUEL, a fingle Combas, at a Time and Flace appointed, in Confiquence of a Carrel, or Challenge. See Challenge, See Challenge,

This Duelling was to general a Method of terminating Dif-ferences among the Nobles; that even Ecclefishticks, Pricits, and Monks were not excuded from the fame. Only, so pre-vent their being fleind with Blood, they oblig? 4 mm pro-cure Champions to fight in their flead; as is flown at large by Father Dueberi, in the VIIIth Tome of the Spicielerium. Con Contractor

Sée CHAMPION.

None were excepted but Women, fick People, and Cripples, and fisch as were under 21 Years of Age, or above 6c.

The Cultion was for the two Champions to enter a Lift, or final Encloiure, by the Authority of the ordinary Judge, not only on Criminal Occasions, but on fome Civil Ones, for

the Maintenance of their Right. the Maintenance of their Right.

The Monk Sighter even relates, that a Queflion on a Point of Law being prefented to the Emperer Orbo L. viz. whether the Repretentation had Place in direct Secretions. And the Doctors finding themfelves embersafied in the Reformation of the Refor And the Doctors finding themfeives emberrafive in the Reci-lation thereof is the Emperor remitted the Decision of 6 orial-tal a Point to the Judgment of Arms; and picked on two all Pollows to maintain the Pro and the contra. The Vic-tory fell to him who contended for the Reprefentation; In Favour of whom a Law was first physical productions of the Javour of whom a Law was the production of the Property Index. in Force to this Day

This Cuftom came originally from the Northern Nations Arms; as we are affured by Patercular. It afterwards not Arma; as we are affiant by Patereulus. It afterwards pat-fed as a Law among the Germans, Dames, and Franki, efpecially after Gandelsault, King of the Burgandians, ad-mitted it infleed of Swearing. Mr. Gadean, in his Hiftery of the Church, VII. Cent. Iays, it was the Lambard who firth introduced into Italy the Barbarity of fingle Combus, wheree the Cultom freed throughout the eff of Ea-

e Form of the Combat was this: The Accuser and Ance Form of the Combat was this: The Accuster and Accusted giving Piedges to the Judge, on their respective Behalf; the Judge took first up that of the Defendant, and exet that of the Demandant. They were then both clayd up in fair Prison; and the Chief Justice was to familis can ith fuitable Arms. Such as fought on Foot had only a word and Buckler. The Horie-men were arm'd ar all Sword and Buckler. Points, as well as their Hories,

Points, 2s well as their Horfes.

The Day of Combat being come, they made Choice of four Cavaliers, 10 guard the Field; and performed divers Ceremonies, Prayers, Oaths, &c. deferib'd by Profiguier, and other Authors, quoted by du Cange, who mentions an Ordonanaco of King Weilip the Fair in 13:06, perferibing the feveral Rules, Conditions, and Ceremonics, which are curious to

The Vanquish'd, whether Accuser, or Accused, was punish'd with Death, or Mutilation of Members, and ignominiously drag'd out of the Camp, Fung on a Gibbet, or

minothy dragd out of the Camp, Irong on a fither, or beam, attending to the Camandaneou of the Cafe. Retended of confidence providence, to learn who was the Camanda part of confidence providence, to learn who was the Camanda part it was inspired, the Hot God the interrupcing, would not fit to the climate of the providence of the Innovers. But it hap-than they began to be convined, they mad not preferine as his Wildom, the Needliny of Interrupcing the Court of the confidence of the Camanda part of the Camanda particular of the Camanda part of the Camanda particular and Acas of renormalization of the Camanda particular and Acas of renormalization of the Camanda particular and Acas of renormalization of the Camanda particular and the Kings of Themater's had a designed the Frond by Dauly.

and in lieu thereof, appointed the Proof by Thee; and in lieu thereof, appointed the Proof by red hot Iren, which was annull'd in its Turn. See ORDEAL.

and in lieu thereof, appained the Front by sed for lexi, which was smalled in in Term. See Oranta... Held the work was smalled in the Term See Oranta... Held the work of the Term See Oranta... Held the work of the Term See Oranta... Held the West See Oranta... Held the Term See Ora

Deer, is also used for a finale Combat on force private

are used all his Power and Authority towards abolifulity.

The fevere Edicts and Laws by made against the Duels. The severe Edicts and Laws he made against Duel-lifts put a Stop to the Custom.

The Word is form'd from Duellens, used by the barba-

Ane word is torm'd from Discussion, used by the barba-size Latin Writers, gusfi duorum bellum.

DUKE, a foversign Prince, without the Title, or Quality f King: Such are the Duke of Savoy; Duke of Par-

DUKE, a forestign cases of Strong Money or of King: So An are the Dube of Strong Money or of King: So An are the Cubbe of Strong St. Co. See Paince.

Med. See Paince.

There are alia two Soversigns, that have the Title of Strong St. The Great White of Virginary, and the Great Strong of Strong of

The Word is borrowed from the modern Greeks, who call Doness, what the Latinic all Dones.

Dura is afto a Trite of Honour, or Nobility, the next below Frinces. See Nontity, PRINCE, UC.

The Dinears, or Dignity of Doke, is a Roman Dignity, denominated a Dineards.

denominated a Ducessa.

The first Dukes, Duces, were the Ductores Exercisuum,
Commanders of Armies. Under the later Emperors, the
Governous of Provinces were entitled Duces. In latter imes the fame Denomination was given to the Governours of Provinces in Time of Peace.

of Provinces in Time of Peace.

The first Convenour in Quality of Duke, was a Timke of
the Marchia Rhetica, or Gritons, whereof mention is made
in Coffindaru. The Gaths, and Vandels, upon their overrunning the Provinces of the Wellem Empire, aboilfuld the
Raman Dignistics wherever they feetled. But the Pravils, Sec.
to please the Gandjo People, who had long been used to the
Ferron of Government, made it a Point or Politicks, not to Form of Guverament, made it a Form of Fouriess, not to change any Thing therein; and accordingly divided all Goul into Distribles, and Counties; and gave the Names fornetimes of Diskes, and fornetimes of Counts, Comites, to the Gover-

of Ziolici, and Smotimes of Count, Camite, on the Grue-nous thered, See Court.

In Ingland, during the Snewn Time, Camilian öberrex,
In Ingland, during the Snewn Time, or Camilian öberrex,
In Ingland, Camilian of Time of Camilian

Direct, there the comparer came in, the Title lay domman,
time. After the Comparer came in, the Title lay domman,
time. After the Comparer came in, the Title lay domman,
time. All the Easter Direct, Zioles of Carrentall.

Lateral, Table of Camilian Comparer,
They were created with much Solumniay, per Camilianum
Galass, Capitenges, of Cervail Asserts in Legist Lapplysia.

Glatia, Cappenn, W Cremit Ameri in Capite Lugdinemer. The 'the Frende retained the Names, and Form of the
Ducal Governmen, yes moder their found Race of Kings,
there was fince any finch Tings at 20 Mary 3 Best all the
great Lords were call? County, Nevers, or Barens. Excepttages and the control of the County of Barens. Exceptlands and 20th of Frence, which was a Daptay, Eight County
and a 20th of Frence, which was a Daptay, Eight County
and a 20th of Frence, which was a Daptay, Eight County
made themselves Sovernigan of the Province trainful on the
Achanditation. This Canage lappered cherly about me
made themselves Sovernigan of the Province trainful one of the
Achanditation. This Canage lappered cherly about me
member the Kingdom; for that the Private found more Competitors among on than Subpicit. Twa cere with a deal
of Difficulty they could be thought to own him their departs
province, both Duction, and Counties, which had been reet
to long give not to the Governous of Province. Delive was
From that Time. 20th became a more Title of Dignity,
From that Time. 20th became a more Title of Dignity,
and the second of the counties of winter great was recome of the county.

From that Time: Under became a mere Title of Diggity, articled to a Ferfon, and his Heim Male, without giving him any Domaine, Territory, or Jurisdiction over the Place where of he is Duke. All the Advantages thereof confill in the Name, and the Precedence it gives 'em.

The Duke's of our Days retain nothing of their ascient Power, but the Coronet on their Efeuctions, which is the only Mark of their departed Soversignty.

only mark of their departed Soveraignty.

They are created by Patent, Cincture of the Sword, Mantle of State, Imposition of a Cap, and Coronet of Gold on the Head, and a Verge of Gold in their Hand. See Coroner, GRACE, Sc.
The eldeft Sons of Dukes are by the Courtely of England

The cidel Sons of Dinket are by the Courte's of Logitum by the Margingle, and the youngerbons, Lards, with the Addition of their Chriffien Name, as Lord Fanet, Lord Thomset, &c. and the Place of Victionst, the not fo pivileged by the Laws of the Land. A Dinke has the Title of Gravet; and being wire to, is illied, in the Heralds Language, Moß keigh, poseus, and Na **

An **

Royal, Roy

Royal, are filed, Most high, most mighty, and Blustrious DUKE-DUKE, a Quality given in Spain to a Grandee the House of Sydna, on Account of his having several Duthaving feveral Duties, by the uniting of two confiderable Houses in his Person.

Don Rodrigo de Sylva, eldeit Son of Don Ray Gomez de Sylva, and Heir of his Dutchies, and Principalities, married the eldeft Daughter of the Duke de l'Infantado; In Vertoe of which Marriage, the prefent Duke de Pafirana, who is defeeted therefrom, and is Grand-fon of Don Rodrigo de Sylva, has added to his other great Trites, that of Duke-Duke, to diffinguish himself from the other Dukes, fome whereof may enjoy feveral Durchies, but none fo co able Ones, nor the Titles of fuch eminent Families.

DULCIFYING, the Sweetening of any Thing: a Teu ufed in Physick, for rendering a Fluid lets acid, and rong either by taking away its Salts, or breaking their Points, or

covering 'em with fomething fmooth, and foft."

DUMBNESS, the State of a Perfon who wants the natural Use of Speech. People born deaf, are faid to be all naturally dumb, as not being able to learn Words. See DEAF-

Depubnef) is fometimes the Refult of the Want, or even Dissipation of its interest the Retult of the Want, or even the all Conformation, of the Tongue. See Toncore. Yet in the 3d Tome of the Experim Germans, we have an Account of a Hool, entitled, Jac. Reland. Apisfoliomogra-file, five Disferior Oris fine Lingua, quad perfetle la-quiter, See. See Murx.

DUNG, in Agriculture, and Gardening. See MANURE.

DUNGEON, DONGEON, or DONJON, the most elevated Part of a Cattle built after the ancient Mode; fer-ving as a Warch-Tower, or Place of Observation. See In fome Caffles, as that of Vincennes, &c. the Dangeon,

or Donjon, ferves as a Prifon for Perfors they would have the most focurely kept; whence our Word Dingeon. Faucher derives Dungeon from Domicilium, in that the Dungeon being the firongest Part of the Castle, was afually the Lord's Apartment. Menage derives it from Dominional, which in some ancient Writings we find us'd in the same Scafe. Others derive it from Domus Julii Cofaris, or Domin's Pent; and others from Dismus Julianus, the Emperor Julian having built feveral fish Calibia in the Gaudi, where-of there is one fill Handing in Larratine, all 20ms Ja-lien. Du Cange derives the Appellation from Dismo and Calle Adification, which the barbarous Writers have alared into David, Danges, Diegoig, Dangia, and Dismo-lary Danges, Diegoig, Dangia, Dangia, and Dismo-

DUO, in Mufic, a Song, or Composition to be perform'd in two Parts only; the one sung, and the other play'd on an Instrument; or by two Voices alone. It is also call'd a 'Dno, when two Voices sing different Parts, accompanied with a Third, which is a thorough Bass. Unicos and Oktave must rarely be afted in 'Dno's, except at

the Beginning and End.

DUODENA Arteria, and Vena, a Branch of an Artery, which the Duodenum receives from the Cerliac; to which answers a Vein of the fame Name, returning the Blood to

See VEIN, and ARTERY. DUODENUM, in Anatomy, the first of the Intestinations, or small Guts; being that which receives the Food alf chylisted from the Stomach. See INTESTINES.

It has its Name Duodenum, as being about twelve Fin-ers Breadth, long: On which Account, fome also call it

The Disoletims arises from the Pylorus, or right Orifice of the Stomach; whence defending towards the Spine, from Right to Left, quite firaight, it terminates where the Cir-cumvolutions of the reft begin. Its Coats are thicker, and its Cavity, or Canal lefs the

any of the other interiors. At its both his and Gall-nals, opening into its Cavity, one from the Liver, and Gall-Bladder, call'd the Dutius Communis Cholidicus; and the other from the Pencress, call'd Pascreaticus. See Groother from the Pancress, call'd Pancresticus. LIDICUS, and PANCREATICUS

The Disodenum is quite straight; but the Intestitutes Je-junum makes divers Windings, and Inflexions: The renson junuan makes divers Windings, and Inflexions: The realion is, that the Blie, and Pancreatic Juice mixing at the Beginning thereof, or at the End of the Dandersons, would otherwife precipitate not only the grofs Parts of the Excrements, but also, the Chyle is felf, too hattlijs. See BILE, EXERE-

MENT, &c.

DUPLA, DUPLE, DOUBLE Ratio, is where the Antecedent Term is double the Confequent; Or, where the Exponent of the Ratio is 2; Thus 6: 3 is in a Duple Ra-

THE OCC RATIO. SOM-DOWNER Resio, is where the Confequent Term is double the Autocodent; Or, the Exponent of the Resto is 5. Thus, 3.6 is in a Cond-staple Resio. See RATIO. DURLA-Splaidlers. Durla-Sefquialtera
Durla-Superbipartient tertiat Ratio. See Ratio.

DUPLICATE, a focond Infirament, or Act, in Writing; as a Brief, Writ, Difpatch, &c. Or a Transcript, or Copy

or anomer.

The usual to write a Duplicete, when it is apprehended the first Dispatch, U.E., is lost.

In Chancery, Duplicete is particularly us'd for second Letters Patent granted by the Lord Chancellour, in a Case where be had formerly done the same.

The Word is form'd from the Latin Duplows, or Du-

DUPLICATE Ratio must be well diffinguish'd from

In a Series of Geometrical Proportions, the first Term to the third is said to be in a Duplicate Ratio of the first to the fecond; or as its Square is to the Square of the fecond: Thus, in 2, 4, 8, 16, the Ratio of 2 to 8, is Duplicate of that of 2 to 4; or as the Square of 2 to the Square of 4; wherefore Duplicate Ratio is the Proportion of Squares, as Triplicate is of Cabes, &c. and the Ratio of 2 to 8, is faid to be compounded of that of 2 to 4, and of 4 to 8. Sec

DUPLICATION, Doubling, in Arithmetic, and Geom try, the multiplying a Quantity, either diferete, or continued,

Sec MULTIPLICATIO

by two. See MULTIPLECATION.

The Term is chiefly we'd in the Phrafe, Duplication of the Cabe, which is a famous Problem fought by the Geometricians thefe two thoufand Years. See Gues. It was first proposed by the Oracle of Apollo at Diplos; which, being confusing about the Manner of fropping.

a Plague then raging at Athens, return'd for Answer, that the Plague should cease when his Altar, which was Cubical, foods be doubled. Upon this, they applied themselves, in good Farnest, to feek the Duplicature of the Cube, which ence forwards was call'd the Delian Problem. See Pno-The Problem is only to be foly'd by finding two m

Propertionals between the Side of the Cube, and double that Side 3 the first whereof will be the Side of the Cube doubled; as was first observed by Hipperstee Chius. See Proport TIONAL.

TIONAL

Entereits, in his Comments on Archimedet, gives feveral
Ways of performing it by the Melolabe. Parpus Mesonerinest, and his Commentator Commenting, give three Waystriest, and his Commentator Commenting, give three WaysThe first, according to Archimedes; the Second, according to
The first, according to Archimedes; the Second, according to
The first and the second to the second to Contact

The first according to Archimedes in Difference in the most of the Contact

The first according to the second to th Hero; and the third, by an Instrument invented by Pappus, which gives all the Proportions required.

The Sleur de Comiers has likewife publish'd an elegant Demonstration of the same Problem, by means of a Compass with three Legs : But these Methods are all Mechanica DUPLICATURE, in Austrony, a Doubling, or Folding of the Membranes, or other like Parts; as the Duplicatures The monoments, a distribute a laws a size of the Periodentum, of the Periodentum, of the Omentum, of the Periodental Science Pleaston and Committees, Planta A, Ec.

In the Hiftory of the Promot Academy for the Kent 1714, a Account is given of a young Man, who died at the Age of the Peritoneum,

of 27 Years, in the Duplicature of whole Meninges were found little Bones, that icem'd to proceed out of the inner Surface of the dura Mater, and with their scute Points slimulated the pia Mater.

Thus Duplicature of the Peritoneum, wherein the An-

ents placed the Bladder, is not found by the modern Ana tomifts. Dionis.

Fabricius ab Aquapendente first discover'd the Duplica-

Passician as Induspriseering and encoured the District.

BUFONDIUS, In Anciquity, a Weight of two Pounds; Or; a Money of the Value of two Asis. See As.

As the Asi, at Sift, weight a just Poundo, or Libra; the Disposition, then, weight two. And hence the Name.

And the the Weight of the As was afterwards diminified,

and of Confequence that of the Dupondius alfo; they shill re-tain'd the Denomination. See Powne, and LIBRA.

DURESSE, Harding, in Law, is, where a Perion is kept in Prifon, or refiraind of his Liberty, coortary to Order of Law; or threatend to be kill'd, maind, or bestem, In which Cafe, if a Perion fo in Prifon, or in Fear of fach Threats, make any Specialty, or Obligation, by reason of such Imprisonment, or Threats, such Deed is void in Law: And in an Action brought on such Specialty, the Party may plead, at it was brought by Dure

that it was brought by Through Brook, in its Montgomen, poor Durryth and Menaffi to-Brook, because the property of the Con-DURA Advers, or DURA derivan, a through thick Mon-bons, which have, overe all the more Curiy or the Cor-ton, which have, or cover all the more Curiy or the Cor-ton in tens, or concave blick by the pix Advirs, or Advisor search, See Marsha very claim to the fine of the Staff, and its Sturme by the Fibres, and Votilla is finds to the "Devicements. See Basta, and Coastur. Bellow, by the Votilia which paid from one to the other. It gives a Cost, or Covering on all the Never which it from the Emila was

DITE T 255 1 DIT

and to the Medulla Spinalis, and all the Nervea, which see

and to the Midulla Spinalit, and all the Nerves, which rife from it. See. Narva. In Surface is rough towards the Skull, and finoselt so-wards the Brain. It is a double Membrane, worse of strong Fibres, which may be plainly seen on its Infide, has very little on in Outfolt cent the Skull 1 is has there Proceedings and by the Doubling of its inner Membrane. See Devilearwar.— The first retemble a Sickle, and is therefore call'd False.

FALX.
The fecond feparates the Cerebrum from the Cerebellum The fecond feparates the Cerebrium from the Cerebrium food adown to the Madulla Obbiqueta, that the Weight of the Cerebrium may not officed the Cerebrium, which lies under it. This Process is very flrong, and thick, and in ravenous Beatls it is for the most Part bony, because of the violent Motion of their Brain.

Motion of their Brain.

The third is the fimalleft, and separates the External Sub-

subgrances. See Cerrerellum

agreement of the property of the Company of the Perin the data's Affect are feveral fisters, or Chanels, which
can between its internal and external Mumberses: The four
principal Does, are, the Soure Longerdousling's, the found
and third Siem's are call'd the Laterakary and the fourth,
Period to the company of the Company of the Company
Deficies their there are more of interior Now, measured
by Antonnills, as do Ferray, Dr. Riddy, Sc. Their Ufig, to receive the Bildeo of time disparer favors from they do
the Company of the Company of the Company
Deficies the Company of the Company
Deficies the Company of the Company
The Vedicia of the Area Addres, are, fift, a Brench from
the Corrollad, while it is in in long Canal, which is difCoughly, an Agreen, which enters the Bildeo (or in State 1 with).

perfed in its Fore- and lower Part of the dama Matera 5 cently, an Artery, which enters the Hole of the Skull, call'd, Foreume Arterie dure Materia: It is differred on the Sinus Longitudinalis: The Vein which accompanies the Beauches of this Artery, goes out of the Skull, by the Foreume Lacerman. Thirdly, a Branch of the Vertebral Artery, and Vein, which laft pulles through the Liolic behind the Occipital which laft paties through the Hole behind the Occipital Apolybis, where they are differed in the Hind-part of the days a Moster. It has also Nerves from the Branches of the fifth Pair, which give it an exquisite Sende. It has a Motion of Sytlole, and Distrole, which is cra-fed by the Arteries, which enter the Shull. No doubt, the

great Number of Arteries in the Brain contribute more to be than those few proper to it felf, which may affile a little, the not very fensibly. because of their Smallness, and Paucity. The Use of the dara Mater is to cover the Beain,

The Use of the sursa Master is to cover the Brain, the Spinal Marrow, and all the Nerves; to divide the Cerebraus in two, and to hinder it from pecfling the Cerebratium. DURATION, an Idea we get by attending to the flect-ing, and perpetually perithing Parts of Succession. See Sur-

CRISION. The Idea of Succession we get by reflelling on that Train of Ideas, which continually belian one assetter in our Minds, of Ideas, which continually belian one assetter in our Minds, of the Entirect of our fetre, or any Thing effection of the Entirect of our fetre, or any Thing effect comments in the General nutries of the Entire the Comments of the Entire the Entire

When the document of the philosophy, is a Mode, or Model, Therston, in Mr. Lee's Philosophy, is a Mode, or Model, The finish Mode of Zienzine, are say Legis, or Para The finish Model of Zienzine, are say Legis, or Para The finish Model of Zienzine, are say Legis, or Para Week, Menth, Tent, Time, and Estrany, Soc. See Hoes, Dietzeite, as muck'd by certain Persons, and Medicare, is when the property of the Company of the Company Legistant Company, and Company Legistant Company, and Company Legistant Company, and Medicare Company, and Medicare of Zienzine, and Medicare and Company when the Company of the Company of the Company Legistant Company (Company), and the Company deep company of the Company of the Company deep company dee will, we come to imagine Direction when carding railly en-dence, or callist. Thin, we imagine, an survey, eary Eart, appliedee, Ge. 3, 19 being alte to repeat to a late of any will, and add on noon another, without ever coming to so End, we get the late of Europhy. See Eyrabayry. Time is to Direction, as Place is to Survey, and Immensity, as is fet out, and distinguished from the rid; and that ferre to denote the Politics of fairt, early all memority, as is fet out, and distinguished from the rid; and that ferre to denote the Politics of fairt, early DETCHY. Carry, a Court wherein all Matters belonging to the Zinzoly, or County Palatine of Lucasiler, as deci-ded by Level of the Chancellor of that Court. See Fa-

The Original of this Court was in Henry the IVth Time; who obtaining the Crown by Deposition of Rubbard II. and

The Dursly of Lineafors, by Delcas, in Right of his Mother, became field thereof as King, nor an Dule, for the Lineafor of the Mother, became field thereof as King, nor an Dule, for the Lineafor of the Lineafor of Lineafor of the Lineafor of Mother, and other Pattients, and the Lineafor of Mother, and other Pattients, which defound to him hydrogen the Lineafor of Lineafor Original Pattients, and the Lineafor of Lineafor of

The Dutchy of Laucafter, fays Gwin, grew out of the Grant of Edward III. who gave that Dutchy to his Son Tabe of Game, and endowed it with Royal Rights, could yabn of Gaunt, and endowed it with Koyai Rights, equal to rhofe of the County Palatine of Cheffer. And for a much as it came afterwards to be evined in the Person of Kino as it came streward to be entirely in the Perfox of King Harry IV. by ending of its Union with the Crown y in time King dispeting himlest more rightfully Duke of Zur-ority, than King of Zurjand, determined to few his Right-gority, than King of Zurjand, and the Common of the entirely he Squarent the Zurzdy from the Crown 3 and entitled it for his two Perfox, and Elect, as if he hald been not King, or beliefs Body at all: In which Gondition is con-mon King, or beliefs Body at all: In which Gondition is con-recontinuing the Right of the House of Tork, appropriated the Zurdy to the Geoma again. Yet, 6, no he ristliff of the Common of the Common again of the Right, indeed, he denied the Kingdom) re-Spranted the Zurzdy, and fo left to the In Tork Yet, whe full enjoy it room, in Zieney VII.

it to his Fosterity, who fill enjoy it.

DUTY, in Policy, and Commerce, an Impoft, Iaid by Authority of a Prince, &c. on Merchandines, and Commodities, either of his own Country, or brought from abroad; to-wards improrting the Expenses of the Government. See

Currous.

The Duries on various Kinds of Commodities are infinite. The principal are, the
Durias of Experiation, and Imperation, pay'd upon
the bringing in, or carrying our of the divers Kinds of Groots,
Animals, and even Perfons; agreeable to the Tarifs fettled
between the feveral Nations. Nee hyporyaryons, and Ex-

Sentation.

The sign of the property of private in the World, and Then is shown in the present with the many, and for confidentially, as in England. The two principals, are, the Daties of Household, Daties of Liquen, in Properties to their Menture, and The force of the other Commodities, and paid according to their Valent, fettled in a Tacti. See Fourback. The first Valen, fettled in a Tacti. See Fourback. The first Valen, fettled in a Tacti. See Fourback. The first Valen, fettled in a Tacti. See Fourback. The first Valen, fettled in a Tacti. See Fourback.

In England, we were exhibiteful exist the Kalustrion of King Clargial. In a see, upon the Parliament's amolting all the Laws made under Charriell. the ancient Ordonnances.

To these there have been eighteen new Duties added fince that Time: Ten of em for Liquids, and the other cight on other Kinds of Commodities.

eight on other Kinds of Commodities.

The Duties on Liquids, are the ancient Duty of Tunnage,
or old Subfly: the Additional Duty Duty of Excife, Duty
of Coinney, the Outpoint, the Additional Impolition, the
Orphonic Admery, the Duty on Franch Wines, the New Milfidy, the Duty on Hungary Wines, and the one Third, and

The Duries on other Commodities, are the Ancient Ducy

The Duties on other Commodities, are the Ancient Duty of Poundage; the Additional Duty of 1650, on Livens, and Silks: the new Imposition of Poundage, call'd the Imposit of 1650: Another Indestinate of Journal Polythin in 1693: the Duty of 25 per Cent on French Goods, inappled in 1653; the www Shiffidy of Poundage in 1637: Another Additional Salfidy of 4 Thru of 9 Poundage in 1703: Another Salfidy of Poundage in 1703: Another Maria Salfidy of 4 Thru of 9 Poundage in 1703: Another Salfidy Salfidy of Poundage in 1657: non-company of a Third of Pointage in 1703: Another Third in 1704: A Duny on Figh, Oils, and Whale Fins, in 1709: Another on Leather, Velom, and Parchiment, in 1711: A fecond on the fame Goods, in 1712: And laftly, in the fame Year, A Duny on Paper, Pagle-Board, and Sosp

We shall here enter into a more particular Detail of the Duties on Liquid; as Wines, Brandies, Vinegars, Cy-

arts, occ.
Fifth, then, the Zenny of Tunnings, or the Old Sofflidy, we have already obfered, was citabilité in the rwelth Year of King Chariet. It is was a fifth only granted him for Life; but afterwards continued in the first level of King Tanas and Admiry, but during the Life likewise of the Prince. And harry, by feweral Acts, in the Region of Queen Janes, it was again continued to the Acts and the Janas and Admiry, by feweral Acts, in the Region of Queen Janes, it was again continued for 50 feeting, chain, in the Jean sloce.

This is the Acts of the Jean sloce.

This first Days of Tennings, is a Pound to dishing Sear. For the Control of the C fo that the Duty per Tun is about 7 Pound to Shillings, which is a Fourth more than that of French Wine. Spanish, 10 mas which is a Fourth more than that of Frence was and Portagenese Wines, Majordines, Malaufers, and other Greek Wines, pay the Laws as Frence Wines; and the like is to be underliced of Vinegars made thereof.

10 mas of Jones of the old Subfigs. This first Aug-

Additional Duty of the old Subflay. This first Aug mentation of the old Tunnage, was made in 1660, and con tinued like the Subflay it felf to 1808.

For this Duty, French Wines pay 3 Pound Steel per Tun. Rhengh Wines, prosec wines pay 5 counts steet per tun-Rhengh Wines pay as 15 ench Wines. Spanish Wines pay 4 Pourd; Portugai Wines, 3 Pound; Mujeadimes, Malanjesy, and other Greek Wines, pay the fame as Spanish Wines. Vinegai, Cyder, and Perry, are exempt from this Duty. See

Zuny of Excife, is not laid on Wines, but only on Malt-Liquous, U.c. See Excuss. Zuny of Cainage was imposed in the 18th Year of King Charles II. to durary the Expuses of Coining of the Money, it has been continued by dirts Acts to the Year 1715, and

even fince that Time. Wines of all Kinds pay equally 10 Shilling Steel per Tun on this Zong. See Connage.

Day of old Imposition of Tunnage was established in the
Year 1685, and continued by divers Acts; that of 1711

made it perpetual. French Wines pay 8 Pound Stetl, per Tun By this Laty, French Wines pay 8 Pound Stetl, per Tun in all the Pout of England 4, Spanish, Portugal, Minicadame, and other Greek Wines, 12 Pound: Vinegars 8 Pound.

Duty of Adastional Imposition was established in 1690, ntinued by divers Acts to 1720, and in 1712 made percontinued by divers Acis to 1720, and in 1712 made per-perual. This Daty none but the French pay, the other Na-tions being exempt from it.

tools being exempt room it.

Each Tun of Frencé Wine pays for this Dnty 8 Pound

Sterl. in any Port of England: Vinegar, Cyder, and Perry
pay as per Conf. of their Value.

Orlows: Zury is only charge on Wines brought into the
Orlows: Zury is only charge to Wines brought into the
Orlows: La Name expresses the pious Office it is

intended for It had its Rife in the 6th Year of King William III. It is fix'd at 4 Shillings for Tun on all Wines indifferently.

See ORPHANS. Sec ORFHANS.

Additional Duty on French Wines, is one of the Duties
Additional Duty on French Wines, is one of the Duties
to which French Wines alone are inhipeft. It was effablished
in the Year 1955, see 10 Yearn, and fines centimed.
It is rated at 13 Pound Sterl. per Tun: And Vinegass

New Subfidy was granted to King Williams III. in 1695, for his Life, and fince continued to Queen Aune for her Life.

This is properly a Duplicate of the Duty of Tunnage, to which French, and other Wines are equally fubject, whether which French, and other Wines are equally fabject, whether brought in English, or foreign Veffens, a tho't here are feme Difference, as to Vinegars, Cyders, and Perry, 2 may on Hungary Bines, is very late, only effablished in the first Year of Queen Anne. It is the fame with that payld by Rhenish Wines.

Duty, call'd Third Subfidy, is a'Third of the old Subfidy, first clubbish'd in 1703, and since continued by divers Acts.

to expire in 1805. to expire in 1805.

Duty, cell'd Two Third Subfiely, is likewife a new Duty,
fifth citabilified in 1704, to lait only for a certain Time,
the fince made perpetual.

It confilts in two other Thirds of the old Subfiely, fo

that thefe two Duries of 1703, and 1704, are equal to the whole Subfidy.

Befides these Duties imposed on all Wines imported Belie's their Zouter impoted on all Wines imported, both by Natives, and Foreigners, here are likewise the Zonty of Zhillerots, another Zony call'd Foreign, another of Zhi-shout, es Shillings per Tun, but as when Zhiri zee only levied on Wines imported in foreign Welfel, 'dis but ran-y hey are paid;' and of the Wine-Trade being managed by Englight Velfels.

From this Status of the Zhatier yald by Wines and other From this Status of the Zhatier yald by Wines and other

Liquors brought into England, it appears that French Wines imported by Englishmen into the Port of England, pay 55 Pound, 16 Shill. 8 Pence Seerl. for Tun. Those imported by Found, 16 Smile, Seeline Seeling For Falls. Indee imperied by the fame into the other Ports, 51 Pound, 15 Shillings, and 6 Peace: Tho'e brought by Foreigness into the Fort of London, 61 Pound, 15 Shillings, and 10 Pence; and into the other Ports, 57 Pound, 15 Shillings, and 8 Pence.

Spanish, Italian, Mulcadine, Mainfey, and other Greek Wines, imported by the English into the Poet of London, pay 27 Pound, 7 Shilling, and 10 Pence Sterling; and brought by the tame into the other Poets, 23 Pound, 4 Shillings, and The fame Wines brought to London by Foreigners,

9 PURCE. The same Wines crought to Louison by Foreigners, ppv 35 Pounds, 4 Shillings, 3 Fourths.

Journal of Rhenife, and Hangary Wines brought to Louison by Legifty Verlin, pp v36 Founds, 10 Shillings, and 3 Peners; into the other Ports, 22 Founds, 5 Shillings, and 2 Peners.

The Liane Wines imported to Louison by Foreigners, ppv 32 The Line Wines imported to Louison by Foreigners, ppv 32 The Line Wines imported to Louison by The Gravigners, ppv 32 The Line Wines imported to Louison by The Gravigners, ppv 32 The Line Wines imported to Louison by The Gravigners, ppv 32 The Line Wines imported to Louison by The Gravigners, ppv 32 The Line Wines In Control of the Control be tame Wices imported to London by Foreigners, pay 32 cand, 9 Shilling, and 5 Pence; and into the other, 28 Pound,

Pound, y Shilling, and y Pince; and late the other, 88Pound, 6 Shilling, 1 Pince; and late the other Pince, Present Vinegari imported to Lendon by the English, pay 1 Pince; a said into the other Pince, 1 Pince, and I was the other Pince, 1 Pince,

27 Shillings, 3 Pence; and in the other Ports, 12 Pound, 10 Shillings, 1 Penny. As to Cyders, and Perries, the Importation is not confiderable.

Shillings, i Fenger. An to Cyden, and Euricia, the importaproceed Boundary of the Computer of the Computer of the Cyden, and Europe of the Cyden, and an experimental engineering of the Europe of the Cyden, and the Cyden of the Cyden, and the Cyden, and an experimental engineering for the Europe of the Cyden, and the Cyden of the Cyden of the Cyden of the Cyden of the Cyden, and the Cyden of the Cyd

and Silver Linco, a Real's Quartern, the Mark Weight. The Denies of Exportation are nowly on the fine footing. In Ferrings, the Desire of Exportation are marked to fine for the present for the present form of the present Turst, and reduced to 1 year Cent. For Exportance and Turst, and reduced to 1 year Cent. For Exportance and turst, and reduced to 1 year Cent. For Exportance and turst, and reduced to 1 year Cent. In Exportance and Society of Exportance and Society and Society of Exportance and Society and three has been supported to the Society of the Society of Society of Society of Society, and three has the Society of Society a Number of petry Dues, become as great as at Venice. In the Ports of the Levant, Conflantingble, Smirna, Alep-to, Sc. the Daties of Exportation, and Importation are nearly on an equal footing, vio. 3 per Cent. except to the Venetiens, and Jews, who pay 5 per Cent.

The Confuls Daties are likewife to be added for Smir-

The Contain District are likewife to be added for Smir-ne, &c. which are about a few Care. At Caira, Alleasan-dria, and Gene other Citis of Egypt, the District are of two Klauds. One for Goods brought in Ship from Energy-Klauds. One for Goods brought in Ship from Energy-th on the Contained Contained Contained The The first are field at an few to the Contained Theory, the place pay the Goldsen Distry, which is the stends Pairs of What is paid for the first Distry. As to District of Experien-ties, they may be fish to pay 1000, the a and a shift for Cont. being attent of Columbioside Fey, than any Daty of

the Soveraign,
DUUMVIR, a general Name among the ancient Romans, for several Magistrates, Commissioners, and Officers, where sees were joyn'd together in the same Function. So that they had almost as many Donnwirs, as they had Officers

they had almost as many Dommorts, as they man Officers joynd two by two in Committion.

There were Dommorts to direct the Building, Repairing, and Confectating of Temples, and Alters; Copital Domes-virs, who took Cognizance of Crimes, and condemned to Death. Dommorts of the Marine, or Navy, Se. But the most considerable Dommorts, and those utually thus called by Way of Eminence, were the

Dumwird Screening, which were created by Tarquin, for the Performance of Sacrifice, and Keeping of the Sybils

Books. They were chose out of the Nobility, or Patri-cii; and held their Office for Life. They were exempted from ferving is War, and from the Offices imposed on the above Citizans. Without them the Oracles of the Sybils could not be confided.

could not be confaired.

The Commission held till the Year of Rome 288; when, at the Request of C. Licinius, and L. Sewins, Tribunes of the People, they were chang'd into December; that is, in lice of prop Perfors, the Tuttl was commissed to rea. half Pa-

the People, they were craining a into December 1; that is, in new of rece Perfons, the Trust was committed to ren, half Pa-ricians, half Plebeigns. See DECEMBER 1.

ritians, half Picheians. See DECEMVIEI.

Sylla sadded five to their Namber, upon which they became denominated Quindecenvoirs. Their Body was afterwards much increased, and at length amounted to fatty; yet till retaind the Denomination of Quindecenvoirs. See OUINDECEMVIR.

They were entirely abolish'd under the Emperor Theodo-fus, along with the rest of the Heathern Supersistions. See System.

Synils.

The Capital Duumvira, Duamoviri Perduallionis, were not ordinary Magistrates; but created on certain Occurrances. The first Duamovirs of this Kind were those appointed

to indee the furviving Horatius, for killing his Sifter, after

to judge the 'furviving Hardson's, for kinning has ounter, ancer vanguithing the Curistii.

The Word is composed of due, two, and Vir, Man. Three were also Dimmoviri in the Ramon Colonies; who held the fame Rank and Authority in their refrecibit Colonies, that the Confuls held at Rome. They were chose one, that the Confuls held at Rome. of the Body of Decuriones, and were the Presents, or Robe

of the Body of Decurrence, and wore the Frances, or a border'd with Purple. There were also Municipal Dunmuirs, whom Vige compares to our Sheriffs, or rather Mayors of Towns.

DUITIMVIR ATE. Donnonir arms, the Maniferature, Office.

er Dignity of the Dunmvirs. See Devievia.

The Dunmvirste lafted till the Year of Rome 388; when it was chang'd into a Decemberate. See Decemberate. DWAL, in Heraldry, the Herb Night-Bade; afed by fach is blazon with Flowers and Herbs, infiend of Colours and

Merals for Sable, or Black. See SABLE, Co.

DWARF. See Gyant, Pigmy, and Stature DWARF-Trees, are Fruit-Trees, thus call'd from the Low-ies of their Stature; frequently planted in the Borders of Sardens. See Fault-Tree.

Cardone

Garden, See Facts of Jire.

They felding may here or or Floot high; and here thanks a Hoop leid within the Middle of the Brendon, is a Discovery of the Control of the State of the Brendon, is a Discovery of the Control of the State of the Güstür, from Treet whole Coatings will grow, or which in the Places they are to be grifted in are a lexist in Inch thick. Cu'rem off in Hand's Breach below the Knoss, or Buen, which are the Places where they drailly put forth, their which are the Places where they drailly put forth, their which are the Places where they drailly put forth, the Yard Inng. If they cannot be get 6 long of Quincoe, florer mit do. Cut off all Side Breaches ofter to the Body, except one finall Twip near the Top for the Sap to vent it feld its 8ct them in Below, as Seed-plassar ser, and lang vin as Foot

above Ground. above Ground.

It being formershat difficult, to get enough of fach Bennches as have Burs and Knots on 'om'; a particular Method has been invented to bring thofe Knots, and Burs, artificially, call'd Creamfolities. It is perform d by tying fome Barth in a Piece of old Hat, a Fock olog, about the Place where you intend to cut, in the Month of February; and in Officer it will have then Knots the Creamfolity in the Control of the Control of

for it will have flot Roots therein.
Such Irres alone, as are ay to put forth Roots, are payer for Develop Glocked, e.g. are a given to put forth Roots, are payer for Develop Glocked, and the Roots of Glocked Roots and the Roots and the two Years Age may be transplanted, or elfc inocalised where they fined.

As for Develop Teach Teach, Socked may be rained for them. from the Suckers of old Pear-trees. Elfe, cut off the Top of fome old ill Pear-tree, and the Roots will cast forth Suckers.

some old ill Pens-tree, and the Roots will call forth Sackers. For JPonsy Cherries and Plums, Sackers of the common red Cherry, and ordinary Plum-tree, are the belt.

As to the Grapting, or Inscattanting of JPonsy-Sacets, it must be done as low as may be, with two Cyons, and thole longer than in Geriffing for long Standards, that they may french from the Ground. See Engagarting.

As to the Planting of Dwarf-Trees, 'tis best in a light, het Earth, from the Middle of October, to the End of No-pumber. In cold, wet Soil, 'tis best in March and April. The Street of the Tree to be cut off feven or eight lookes about The Simm of the Tree to be cort off fevon or capitudes above the Graft; and netember to cat off half the Length of the Rooms, and harly lithers TO turn the Cat of the three towards above the Grandle, left is take Roots, and harly lithers TO turn the Cat of the three towards above the Grandle, left is take Roots, To Planter find findless above the Grandle, left is take Roots, To Planter find findless, as being age of themsfores, in light Ground, to fink a Root Planter, and the Grandless of the Grandless of the Cat of the Planter, and the Grandless of the Grandless of the Planter, and the Grandless of the Grandless of the Planter, and the Grandless of the Planter, and the Grandless of the Grandless of the Planter, and the Grandless of the Grandless of the Planter, and the Grandless of the Grandle

that Parr which lies between the Bafe and the Comine: being 6 named, because it is frequently made in the Form of a Cabe, or Zyp. It is also call'd Dado, by the Italians; and by Firmwans, Transans. See Parrarat.

Data, in also and for a Cabe of Stone, placed under the Feet of a Statue, and over in Pedefial, to raise it, and flow

it the more.

DYNASTY, a Tenn in Hiftery, fignifying a Race, or Sacceffion of Kings of the fame Line, or Family. See Race. We find frequent Mention in ancient Hiftery of Dynasists of Perfora, Affrican, Moset, but Manarthe has left an Hiftorical Caronology of Egypt, divided into 30 Dynasists.

The Word is form'd from the Greek Swastia, of Swastis.

The Word is form'd from the Greek Invastia, of Invaini, to be powerful, to be King.

DYPIYCHA, or rather DIPIYCHA, in Antiquity, a public Register, wherein were wrote the Names of the Confulls, and other Magilirates, among the Hearhens; and of Bistrops, and other Magilirates.

other Magifiarse, among the Hearhers; and of Biftops, and defance, as well as fureving Berthern among the Chrittians. Julyaniam, offended at Pope Viget, for relating to fablerine the Condemnation of the three Chapters, gave Orders to this Name to be eraffed out of the Dispytch. Dis Pin. The Emperer commanded the Name of the new Partiach to be

enterd in the Dippycho Sacra.

The certain, there were prophane Dippycho's in the Greek Emphet, as well as facred Ones in the Greek Church. The

of the Magitirates were enter'd : In which S. nie Dij tycha

of the Magitimites were enter'd: In watch Sante Differents is a Term in the Greek Chancery.

Sacred DIFTYCHA. The Word is plural; Differents being a doubte Catalogue, in one whereof was wrote the Names of the Living, and in the other those of the Dead, which were to be rubeared during the Office. We meet with formers thing not unlike the Sacred Districts of the Greeks, in the Canon of the Mass, according to the Latin Usage; where

the People are enjoyed to pray once for the Living, and once for the Dead; feveral Saints are invoked in different Times, &c.

Times, G. G. Genten Herver caphins the Word Districts, Herveys, by Astro-Caubt: Moneylas, by Astro-Caubt: Moneylas, by Astro-Caubt: Moneylas, by that of Libriti Reciplicities, Chard-Beechs, Be retarder of the Astrone, the 'n either religion of great Abilities, and well verified in the Greek Astroneylas of the Caubt C

had govern'd their Books sciples, and were more capsual core of the firms, most they were convolved of Herdy's, of time or other good Green. In our Diffysiche were likewise entrel de Names of their a had done on pingul Service to the Names of their a had done on pingul Service to the same of the same and their and their services of the Litzury.

The John Repringer attemp, that the Names were entered in the Service Jopenson of their desired Diffysich, but tolds of Biffings and Ferriarries, play the presented Set Linzuppin, English Berraries. C. H. shirter in were custed the Names of the new hapstand, with their God-feithers and God-enterin, were their meet the Diffysical Confession and God-enterin, which their meet the Diffysical Set Confession and God-enterin, which their meet the Diffysical Set Confession and God-enterin, which their meet the Diffysical Set Confession and God-enterin, which the Westing & Bengelities, which to be teared.

their Merits, or Benefactions, were us'd to be enter'd. their Marries, or Benefactions, were used to be enter e.

Mentflest, in his Goffarram Greco-Barbarum, imagines

cm to have wrote the Term Diprycha, by reason there were

stres Books, in one of which were wrote the Living, and in the other the Dead. But Fa. Referred thews, he is mittaken:

other the Bond. But Fa. Reforcy theres, he is militabra: For la militabra: For la militabra: For us better, the results of the Bond on the other. And if the Living, and the Dood on the other. And if the Living, and the Dood on the other. And if the Living, and the Bond on the other was called Sulprycales, and not both engotize.

**Gefinder, in his Otherwaitens on Arthureau, I. VVI. C. 14, fragregate the Chaffings on how becomed the Californ or wastern Names in a Bond, and the most of Performance of the Chaff, from the Chaffings of the Chaff, in the Chaff of the Cha

But Fa. Referryd does not approve this Notion of Cafan-bon. The pretended St. Dionyims, a very ancient Author, fays the contrary, and afferts the first Establishment of this Using to have been founded on Scripture. 2 Tim. II. 19. Pfal.

CXV. 15. Refravel adds Eccl. XLIV. 1. and takes thefe to have been the Pastages the ancient Church had a View to, rather than the Salian Verfes.

rather than the Stition Vertex.

The Prophone Disprobe were frequently fint as Prefents to Princes, &c. On which Occasion they were fixedly all and embellish dig as appears from Symmachus, L.H. E. St. Those prefented were aftuilly of Ivory. The first Law, &c. Expend. Lattor. C Theos. Stribed all Magiltaress below does be appeared to the Company of t Expan. Ludor. C. Theod. forbids all Magistrates below Con-fuls, to make Prefents of Dipsychs of Ivory, in the public

Fs. Rojveyd owns himfelf at a Lofs for the Origin of this Custom of making Prefents of Disrgeba's. Lus. Carrion, L. H. Eusender, C. 6. Supposes it to have arose hence, that such Profess were at first made to the Persons who that isoch Professis were at first made to the Perform who had been nominated Bugglorest, to whom they were to be of Ufe. Many imagine rhe Dijtyyebs to have originally been a Kind of Table-Books and by Lovers. Thus Papins defines 'em, Yabellee, in quibut Americs feribebustur.'

The Wite Object in quibut Americs feribebustur.

fines 'em, Tabulle, in quibut Jimores feribibutur."
The Word Dipripelo is form of town the Greek Newsyn
and Nytrope, and that from Newsy, a Mafaillen Noun derived from relevan, Ifold, or plait, Form in Future ertige
is formed and greek, a bold, or Plait, to which adding the proince,
is formed with the plain of the plain of the plain
when the Newsy in the Gratitive delrappe, when the Nominative Neuer Pierrope, q.d. a Took falded in two LawritThan the new formed to the New Section of the New
Than the New Section of t

mmative Neutre Herroges, q.d. a Thook fielded in two Leavest.
The three were fome in 5, and others in 4, or 5 Leaves.
An ingenious Author imagines this Name to have been
fift given "on the distinguish" on from the Books that were
roll'd, cill'd Fairmins. See VOLEMERS.
DISCRASS, from 5-5, mathy, band, and searie, or sparie,
Tampermentum, Conflictation, is an ill I abit of Body; as
in a laundice, or the like.

a Jaundice, or the like.

DYSENTERY, or DYSSENTERY, in Medicine,

bloody Diarrhes; or a Flux of Blood by Stool; attended with Pains and Griping. See Frux. The Word Dyfestery is form'd from the Greek \$04,

cultly, and forepor, Intofine; and properly fignifies that Kind

of Flux of the Belly, characterized by the Frequency of Snools, or Dejections, mix'd with Blood, and accompanied with Gripes: The Fever, Ulcar, &c. which attend it, are not effectual to the Difease; the many, both of the Ancients Gripes: The Fever, Ulcer, & which attend is, are not effential to the Diffeste, the many, both of the Ancients and Moderns, think the Ulcer is. The Diffestery, Sydenbase olderver, begins with a Chil-nets, and Shivering, which is followed by a Heat; then Gri-pings of the Belly enfire, with macous, or famous Stools, which in Progress of Times are found interfered with Steeks.

of Blood, with vehement Pain

of Blood, with vehement Pain.

The Stools are founctimes void of Blood; and yet, if they be frequent, and attended with Gripes, and a mucous Colluvies, the fame Author flays, it is a proper Physmetry.

Along with the Excrements, befide a whitifith Mucofity, frequently come Scrapings of the Gues, in Forms of little Skins. If pure Blood he exacuated, the Patient's Life is in great

Einstiller makes three Kinds of Dyfenseries: 1. When a laudable Blood is evacuated, from a mere Plesbara, or

Hemorrhoidal Plans. See Hamonanous.

2. Whon a thin, watery Blood is evicasted, call'd the Henric Plans of the Blood is evicasted, call'd the Henric Plans, the Or really arining from the Hemorrhoidal Velicit.

The third Kind, which is that we properly call Dyforery, is, when Blood is cut out mix'd with a puralent Mattern Charles and the Charles of t

ter in the Extrements.
This is either benign, i. e. without a Fever, and not con-tageous; Or malignaus, which is attended with a pefiller-tial Fever; and frequently ravages whele Cities, and Pro-vinces: Happening most commonly in Armics. In the laft rial Fever; and frequently ravages who armies the property in Armies vinces: Happening most commonly in Armies. In the sax Stage, a Sort of Caruncles are frequently eighted along with the purulent Matter, which are difficult to be accounted for, unless from an Exconation, and Ulceration of the Intellines. Sometimes the Intellines are even gangered.

Sometimes the Intellines are even gategorend.

The next Caufe of the Dyferitory, as affigir'd by fome
Fhysicians, is a ferous, or other morbid Humons, mix'd with
the Mais of Blood; the Confequence of which is a too great
Fermentation in the Blood, and a Diffilolation of its Parts,
which are thus gender'd too liquid. The fecond Caufe is a

est Aureliat, and long Time before, during the Age of the Vellention, and Initiation of the norvous Fibres of the In-Respublic, to Manurary Firstins, and Lond Fellomatis, as stellines, conclined by Burry, and Humann Espatand from ver are said by Testins, L. Li. 2-graine, Cost. Fefore, With the Booley which excepts the Spirit Fibre, that produce 1 arch, Sec.

But Fa. Referryl does not approve this Notion of CollemBut Fa. Referryl does not approve that Notion of CollemBut Fa. Referryl does not approve this Notion of CollemBut Fa. Referryl does not approve that Notion of CollemBut Fa. Referryl does not appro The Mediate Cause, in the Physicians Language, is some neeign Bold, culture in temp? to the landingling, as foste forces and the process of the contract of the feeting the process filters of the feeting that process are any state of the contract foreign Body adhering strongly to the Intestines,

into the Stomach, or at least into the higher Intestines, and

cause more frequent Stools.

Pecacuanha, however, is excellent on this Occasion: Not fo much as a Vomitory, Dr. Priend observes, as a Sudorific, having this Faculty, beyond all other Emeticks, that it cor-sects the Dysenteric Ferment, in Proportion as it evacuates it. In the Philosophical Transations we have an express
Difference on the Subject; where it is afferted to be infallible in all Dysenteries, and Looseneffes, how dangerous and inveterate forver; except in Pulmonic and Hydropic Pa-tients, whose Fluxes are Indications of approaching Death. Sydenbass commends Phleboromy: But Willis fays, no

Assembleau committents Philecommy: But Wills Says, no Fernantion is good 1 and preferrishes hot Cardiacks, as Spirit of Wine a listle burnt, Cec.
Ballianie, and Symptic McIchines are allo to be ufed, according to the divers Cuafes, and Symptoms of the Diffeath, Sorver, in a Letter to Bartholin, athirms, there is no heter Medicument in Dyfaneries than Rofe-Water wherein Gold has been extinguished. Dotests relates, that he cured above an hundred Persons

with Oil of fweet Almonds, mix'd with Orange Juice, DYSPEPSY, in Medicine, a Difficulty, or Weakness of Di-

DYSPEPSY, in Medicine, a Driftpulty, or weakness of Di-gettion. See Distriction.

The Differsy may arise from the Softness of the Ferment of the Stomach, or its being sparing in Quantity; from a Relaxation of the Fibres of the Stomach; the Want of a proper Heat in the Stomach, So.

Bitters, and Sub-aftringents, are its proper Remedy.

The Word is form'd from the Greek bos, difficultly, and

RESPIRATION. The Difputs admits of three Degrees: A Short-Breath;

The Short-Breath, is the first, and lightest Degree.

The Short-Breath, is the first, and lightest Degree.

The Afthma is more violent, accompanied with a wheezing.

See Asthma. See ASTIMA.

The Orthophomes is the highest of all; the Patient affected therewith not being able to bye down, but obligd to keep exect, without which be could not refpire.

The most utilal Causics of Dyptimes's are Phigonsecontain'd in the Branching so the too Strong Constitution of the Branching however, which measure the soft Demonstration for the Astronomics should be the Most of the Astronomics of the Astronomics and the Stronomics and the Stronomics and the Stronomics of the Astronomics of the As

chia themselves, which prevent the easy Ingress of the Air in-

to the Lungs. The Word is form'd from the Greek 20s, difficultly, and in, I breath.

spine, I stream.

DISURIA, in Medicine, a Difficulty of making Urine, accompanied with Pain, and a Senfe of Heat.

It is also called Arther Crine, by reason the Urine Stems to harm the Creative, as it illuses forth. See Univer.

The Digitary difficus theirly from the Strangery in this, and the Strangery, the Urine only come out, as it were, the Strangery, whereas in the Option is the Option in the Strangery, whereas in the Option is the Option in the Option in

out Interruption, and frequently in the proper Quantity. See STRANGURY. The ordinary Causes of the Defuria, are the Acrimony, or Sharpness of the Urine; and the Excertation, or Exulce ration of the Neck of the Biadder, or the Urinary Passage.

The Word is form'd from the Greek Ive, difficultly, and issip, to make Urine.

of E. The Green, c. gr. nave their long and port c, even, y and s, Pfilon and Ets.

The Latins have an opener c, called unfilm; fach was the laft in the Word Here Mafler; and unother clofte, as that in the Adverb Here Yefterday. This latter c and i, were frequently ufed for each other: Thus for here, they wrece her? And in divers Places we more with file, quade, &c.

heri: And in diver Places we meer with file, quigle, &c. for file, qual, &c.

The Reman e, was likewife fometimes wrote z: For which Restlon, there are fome Antiquaries, who take that Medal of Gallian, GALLIANE, AUGUSTE, not to be any Savyrical Medal, as the relt have imagined; zo no as Detree Feminies, but a Veretire Matchine, Galliane

an article of the control of the con marked at the Ends of Words with an Accent 6. The Fifth, is counter, or longe, having the fame Sound with of, as in mer, fifth, &c. In the middle of Words it is formetimes marked with a Circumflex, and in the End, with an Accent. 2. The Sixth, is an Intermediate c, between the owners and

5. The Sixth, is an latermediate a between the owner and formus; as in Coherry, Letters, &c. Soons and a Seventh formus; as the Coherry, Letters, &c. Soons and a Seventh for the Coherry shades and the Co Medals, and the Jeduice Soucies's Differentiate thereos, §, 143, all the Difference between them conflish in this, that the Hiebreus reading from Right to Left, curn their Letters that Ways, whereas the Moderns, reading from Left to Right, write their Letters accordingly.

The little e, was form? of the great one, in writing it fift, and making the croft Strokes at Top and Bostom without exhing Pen of Paper, and then adding the Stroke without exhips.

in the Middle E.

In the MINGOR E.

The Greek 8, 19, Etc., was no original Letter; but added to the Alphabet in after Times. Of this we have Proofs iffill extant in the ancient Monuments; particularly, the Farragic Columns, brought to Rome from the Vis Mygics, where the Egiffone E, is still on likes of the H. e. gr. DIMMITTON KONES, for DHAMETON ENERS. The field or have been added by Simontees E. Bibliand. & Ration. Commun. Linguar. p. 40

The Prenunciation of the s, feems to have been varied: Terentianus informs us, that it was prenounced like the Latin c; but the Greeks themselves, for several Ages, pronounced it like an t. "Tis diffrated how the Latins render it in their Language. The common Opinion is, that they it in their Language. The common Opinion is, that they render it by an e: As in Assarta@, form, future, often, Ocean@, &c. which they rendered Demering, first, fi-mera, Thefan, Thefanrus, &c. Tho' there are Perfora, exceedingly well veried in Antiquity, who hold that they pronounced it like an i.

pronounced it like an i.

Lud. 40 Diens, one of the most Learned Grammarians of
his Age, observes as much in his Animadversions on Georgis
VI. 44. Adding, that 'tis for this Rectoe, that the Hebreus, e. gr. the Paraphrasit Jonathan, experts it by a

forms, e.g., the Parapheni Jonathen, expect it by a Blanks, as, siers, NICOM. Inten is the Leaned Octains on the tree Frenzenistics of the Greek Tempor, from an Indirity of Indiance. Cleding to the Purples at Ma. Pillate of the VIIIda Canstry, where all the H's are exper-fed by P.1. In Editor, Wileyler proves, nor only that the did by R.1. In Editor, Wileyler proves, nor only that the happen from its being focality confounded with a x s just all the third produced it by as en all zig, that it was often used for T and E1 3 and that to the Time of Pillate, this Leaves that the Canada of Internations Sound between the

s and s. See that Author. See also Voffits de Moloi. H. G. 16.

E on the Kew of an Organ, or Harpschoed, denotes the Tones E, mi, Ia. On the Compass, in Sea-Charts, &c. it marks the East Point, or Wind. E. East. BS E. East South East. N. E. North East, &c. Sec. Wirns and Coserass. In Calendars, E is the 5th of the Dominical Letters. See

DOMINICAL Letter

DOMINICAL-Letters.

Among Authors, E. gr. flands for Exemple gratin; for leftiner. See Characters.

In feveral Difformers, we find it noted, that the Letter E, among the Amients, was a Numeral Letter, figuifying 500, according to the Verfe.

E. angane Decemtos & Duinguaginta tenebit,

But it has already been observed that this Tife of No.

meral Letters was unknown among the Antients, Iffdore Hiffhallenfe, an Author of the Vilth Century, fays as much in exprets Terms, in the first Book of his Origines, Cop. III. In Effect, it was first introduced in the Times of Barbarism and Imperance

EAGLE, Aguila, Arris, in Natural History, the largest, fironsect, and swifted of all the Birds that live by Prev.

reaches the Earth or Water. "Philof. Transfell. No. 2011.
It lives very long, and as Natamilla failure up, netry data bar of Hunger; the upper Part of its crooked Besk growing to long, with Alag, that it closes up the lower, and to dishlate it from opening and taking in Food.
Its Sights in quick, from and appering to a Proverb. The Reafica why the Engls, the Fibres of whole Optic Nerves are not stronger than the thought of the America, and the Control of the Control

not fireager than thoic of other Animals, is able to fine the Sun, and endure its highted Rays, the Jedited Angelesi, in his Opicicks, affures us, is, that it has two Sets of Eye-ellas, the one thick and clock, and the other thinner and finer, which laft it draws over the Eye, when it looks at any luminous Edy, and thus breaks the Force of its Rays. The Falconers have trained up Engles to the Games but they only fucced in Mountainous Countries. On Polism they

can't keep any time on the Wing, and when they floop, or light, are weak, fo that the Saker heats them. See Falcon.

Ariforte, and Pliny, reckon up Six Kinds of Engles, to which they give Names corresponding to the Difference of their Plumage: As the Engle-Royal, called by Ariforte, ther Finnings: As the Legis-Reyal, called by Arijonte, possess, proposed and septisa, from the ruddy, golden Golour of its Feathers, which are Hewel's flootted as it were with Scan, The Black-Engil, Federics, the finalled and most vigorous of all. The White-tail'd Engle, or Grygorgen. The modelle freed Engle, with a large Tail, living in Moreflet a Marphumi: The Sea-Engle, Halistoni: And the bearted

Marphum: The See-Engle, Haussetter: The see Sergle, Offinger, engling, engling and Expans, as being, Easten, in Heresleys, is the Symbol of Royalty, as being, according to Philiphratus, the King of Birds; and for the Residen dedicated, by the Anxiens, so Jupiter.

The Engle, is the Arms of the Emproor, and the King of Poland. It is accounted one of the mod Noble beatings of Poland. It is accounted one of the Mod Noble beatings. of Points. It is accounted one of the molt Noble beatings in Heraldry, and, according to the Learned in that Arr, coght never no be given, but in Confidention of fingular Beatury, Greenofity, Gr. On which Chemions, either a whole Engle, or an Engle Naiffant, or only the Head, or other Parts, agreeable to the Exploit, may be granted. The Engle is founctions represented with one Head, and

ane Logge is founctimes repetented with one Head, and founctimes with two, the never more than one Body, two Legs, and two Wings open d, or flerethid out, in which Poissre, it is faid so be present or diployd: Such is that of the Empire, which is blacered a fired Engle, Soble, state of the Empire, which is blacered a freed Engle, Soble, Sadden'd, langued, back and mambred, Guies.

The Reason why Engles are generally given in Heraldry display'd, is partly, because in that Pediure they fill up the Escuchoon better, and partly, because the imagined a Podiare natural to the Engle, when it planners its Pesches, or faces the Sun. However, there are Engles boro in other Podiares is Serra, mentioner, one with Winning as Wights Head, of

Till that Time, they aided indifferently Wolves, Leopards, and Egglets, occording to the Humour of the Commander. Several among the Learned maintain, that the Russurd borrowed this Cultima from Julière, who had appropriated the Engle as his own Badge, in Commemoration of its free properties of the Company of the Commence from the Entrops.

The Roman Engler, it must be observed, were not painted on a Cloth, or Flag; but were Figures in Relieva, of Silver or Gold, bere on the Top of Pikes; the Wings being difplay'd, and frequently a Thunder-bolt in their of Silver or Gold, bear on the Top of Pikes; the Wings being diffullyd, and frequently a Thandes-but in their Talons. Under the Engle were filed on the Pike, Backlers, and formetines (rowns. Thus much we kearn from the Medals. See Fefchus in his Differt, de Infiguidus. And Lipfus, de Milstra Ramana, L.TV. Diff. 5. Conflamine is falid to have first inmoduced the Engle

Configuration is field to have first immediated the English with two Heady, to instinant, that the the Empire formed divided, it was yet only one Robb, Others far, has it was been also as the configuration of the config and inited of doubling their Engles, joyn'd them together, and represented them with two Heads. In which they were followed by the Emperors of the West.

Fo. Papebrach, wishes that this Conjecture of Menestrier

Fig. 2-Appearance, where that this Conjecture of Managarian were confirmed by ancient Coins; without which, he rather inclines to think the Ufe of the Engle with two Heads, to be merely arbitrary: The's he grants it probable, that it was first introduced on Occasion of two Emperors in the same

Theore.

EAGLE, Appille, in Africompt, in a Confiduction of the Northern Hamilphere, having in right Wang contingous to Hamilphere, having in right Wang contingous to the West Search S

Chain, which they were on the Stomach, whereon hang a Silver Eagle crown'd. Black-Eagle, was a like Order, instituted in 1701. by the Elector of Brandenburgh, on his being crown'd King

of Pruffig. EAGLE, in Architecture, a Figure of that Bird antiently ufed, as an Attribute, or Cognizance of Jupiter, in the Capitals and Friezes of the Columns of Temples, conferrated to that God.

EAGLES-Stone, in Natural History, a Stone, by the Greeks. Excussions, in Natural History, a Stone, by the Greeks, and the Inhaten, prince the Appella; as No-cliff Antiers, and the Inhaten, princer the Appella; as No-cliff Antiers, and the Polivery of Woman in Labour, canceding as it is applied above, or below the Woman, according as it is applied above, or below the Woman, according as it is applied above, or below the Woman, according as it is applied above, or below the Woman, according as it is applied above, or below the Woman, according as it is applied above, or below the Woman, according to the Notice of t

The Englis on Medals, is, seconding to M. Symbium, a Symbium, a Symbium, and Providence, and seconding to all colors have been as for the second seco

erly fignifying young Eagle. The Eagle is faid to prove is Eagless in the Brightness of the Sun; if they shut their

Eye-lids, he difowns them.

Ep-bid, he difform them.

In Hersdry, when there are feveral Engles on the fame
Beauthene, new are called Taggles.

EALDERMAN, sy ACLALDOMAN, among the Samon,
EALDERMAN, per ACLALDOMAN, and the Samon,
EALDERMAN, per ACLALDOMAN, per action of the Samon,
EALDERMAN, per ACLALDOMAN, per action of the Samon,
EAR, per action of the Samon, or Statesman,
Hexa, at this Day, we call their distressman to the chief Officer in the Common-Council of a
Carlos of Theory and Carlos of the Common-Council of a
City, or Corporate Town. See Alternative
EAR, the Organ of Herings; or the Samon See Haarner

and Sound.

The Ear is generally divided into Internal, and Ex-

ternal. The Extract of course fair, in medical resistance of the Experiment of the E

second to use Sequenting to the america, too Goodelle, She Takawa, Concerta, S.C.

The America threads out from the Head, and is furroused with driven winding Canda, which receive and collect the with driven winding Canda, which receive and collect the Sanda, and modify and forward them to the time Ear, it is formed of a time Cartillog, covered with a Sikin, it is forme Amazenitis duty there are any at all, the'd other in-creache that Yamber's trince, one Amblers, and two Re-tracteur; and others to fine, one Amblers, and two Re-tracteur; and others to fine. But to Dissess, which more being and conditional. Think who have del their America, M. Dissess observes, here but a contained Way of Heisring; the Cartillogical Control of the Cartillogical Con-trol of the Cartillogical Control of the Cartillogical threads and the Cartillogical Cartillogical Cartillogical Cartillogical M. Dissess observes, here but a contained Way of Heisring; the Cartillogical Ca

and are obliged either to sorm a Cavity route use fair with their Handle, or to make use of a Horn, applying the End of it to the Advatus Anditorius. See Avanctir. The inner Part of the External Eng. is possible of the Massive Anditorius, or Auditory Passage, which commences from the Boxons of the Geneba, called the Alverrium, and from the Bostons of the Gentals, called the Allocarium, and incomined in winding Direction, narring floorations that Way, and Sementines that, to the Montherns Typepon, The Merson is along out of the O'I Temporis, and lined the Montherns Typepon, The Merson is deep out of the O'I Temporis, and the contract of the Montherns Temporis, and the Contract of the Montherns of the Montherns Temporis and the customers Bodies, see, and II deviance, of Ear-ton, for the Golden of the Montherns Typepon of the Montherns Typepon of the Montherns Typepon of the Montherns Typepon of the III Temporary Symptoms, or Donn, which fupurates the External Ear Income the Montherns Typepon of the Montherns Typepon

from the internals. See MALTON Amountains, 1800. A NATE (The Internal State of the Inter

The two Mossus's are finance at the Sides of the Cavity 5, the one opening into the Palane, tailed Agrandstiller, too andy on Account of the Form, but because it may ferre for Mossus and the Cavity of the Cavity

and bodger, opening into the donor in the Mannilary
The two Agretines, or Faright, or the Egylapoums, are
in the Surface of the Ox perception, which is opposite to the
Manhenies of the Typiapoums. The Affin, claude Jerupher
Affin, and the Affin of the Capter. The
other culff Rerosine, and withinfinding in Figure, is real
than the other, and receives the Blaft of the Oxyler. The
other culff Rerosine, and tolded by a thin, dry, transparent MenaThe last Thing to be considered in the Cavity of the
The first Thing to be considered in the Cavity of the
The state of the Capter of the Capter of the
Thington, is a first Chord which runs over the inner Surhave long of proper, whether it was an afterty, a Veria, or,
Ners, or the Transon of one of the Machineri
But 'to now different' to be a Branch of the fifth Jense
Ten 'to now different' to be a Branch of the fifth Jense
Ten 'to now different' to be a Branch of the fifth Jense

at Newes, which meets the Pertie dura of the Anditors

Nerve. The two Fensites abovemention'd, open into a Cavity dag out of the Os petrojum, called the Labyrinth, as being dag out of the Os petrojum, allow the Labyrinth as being and Manufers. In this Cavity ought of the to persymm, cannot the Edgyrina, as being perplex'd with divers detours and Mesnaders. In this Cavity is supposed to be contained the innate Air. It is divided into surce Parts; the first called the Vestible, by Reason it isto direc Parra; the first called the Fightish, by Reasfon; itself more than there was in it are observed in a Aperians, or Firenama. The forend, comprehends there rouse Caming of the Conference of the Confere heing faften'd by its Bafe to this News, and by its other Extremity, to the Surface of the Canal, opposite to the News, by Means of a very fine Membrane. The Cavity of

Neural, by Menns of a very fice Mumbrane. The Curvy of the Golde Am advised, kenn, as it were, two wrading the Golde Am advised, kenn, as it were, two wrading the Control of the Control

Particular Descriptions of each Part of the Eat above reared, for under the proper Articles; Tympanum, henestra, Malleolus, States, Incus, Orbiculais, TARRESTRA, MALLECEUS, GIAFES, INCOS, CARICULARIS,

LANYAINTH, VESTIEL, CORNILA, Gandas SANCIR-CULLIS, SAUDION NARY, GIG.

The immediate Organ of Heating, has been generally happefed to be the Membean of the Tympanau: But laur Anatomité flow this to be a Militake, from diven-nilationes wherein that Members has been abloately de-fitoyd, and broke, without the leaft Diministration of the Sence of Heating.

The Parts that bid the fairest for the Prerogative are those The Parts that hid the faireft for the Percognitive are those which compose the Lelayrinds, viz. the Cachles, Lamina Spiratsis, Vefitible, and Semicrecular Canadis: The Partia modify of the Auditory Nerve, ramified and diffield through the Partia, receives the Imprellion of Sounds, and propagates

it to the Brain. See HEARING. it no the Brain. See Hearing.

Rehind, and under, the External Ear, are a Number of lage Glands, called Paretiées, wherein is separated a great deal of Sastrea, which is convey'd by the exerctory Dieds into the Mouth. See Parotidea.

The comparative Anatomy of the Ear furnishes abundant Inflances of the Creator's Wildom.

dara findinens of the Centure's William.

In Birth, the outer Br is of R from prope for Fight; not pronisenas, as that would obthest their Properfit, but any productions, as that would obthest their Properfit, but Birth is Birth in Birth in

feree, that the Matara; or Ferlige, is closed with a little Skin, which opens and flusts like an Ey-clid. The Sea-cal, and the terrutal Species of Lanark and Serpens, are and the Care of the Care of the Care of the Care of the Cameloon, and Generality of Fiftee, and the Toroxide Cameloon, and Generality of Fiftee, the Parties of the Eer quite flusty of coroxid over. These as Gener of White, which has the Aperture of the Eer under the Shoulders.

While, which has the Aperture of the Lorr under the Among all the Varieties in the Struckers of this Organ, soc., Dr. Grew observes, are more remarkable than those in the Palling into the Os perspine. For in an Oole, which the Palling into the Oscillation of the Palling into the present of a Tree, or Beam, and bestream after the Prey Section of a Tree, or Beam, and beaten after the Prey Section of the Company of the Company of the which Gootst undermeath the Prey at Rood, it is for the which the Company of the the taking of a forward Sound: Whereas in a Harr, which is very quick of Harring, and thinks of english got being patient in it deppted win a how Table, disched tockwards, corner behalf or.

nes behind her

to at the scores the financia, and most onlines coones man Schellenmare denient the Entience of the insuck Air, for much talk! of, in the Leleyaint's; and with good Reeffor, as there is a Pallies one of the Lelyaint's land the Threat as there is a Pallies on the the Lelyaint's land the Threat dealer. Since the sames Air might efease. This is parti-dealer. Since the sames Air might efease. This is parti-dealer. Since the same and the same and the same dealer. Since the same and the same and the same talking is a When the Pallies is any Way donyth, as by a facility of the same and the same talking the same and the same and the same talking talking t

Sound, Deadream, Whitevening-Place, Speaking-Transper, Bellowing-Gaup.
Several Naturalities and Phyticians have held, that cutting off the Earst render'd Perfons burren, and unprofife; which Notion was what fifth occasiond the Legislators to order the Earst of Thieves, &c. to be cut off, left they flooid the Carte of Thieves, &c.

produce their like.

produce their like.

The Ear has in Beauties, which a good Painter ought by no Means to diffigural: Where it is well formed, it would be an Injury to the Head to be hidden. Successite infinite particularly on the Beauties of Angustus's Ears, and Ethins, deferribing the Beauties of Afficial, observes the had thought Ears. Married ranks large Ears among the Number of Deformities, Felibion.

Among the Athenians, it was a Mark of Nobility to have the Ears bored or perforated. Among the Hebrews and Romans, it was a Mark of Servitude,

Remans, it was a Main of Servinade.
Exa, in Mode, a chief of Israriado, Exa, in Mode, a chief of Israriado Servic, wheneby we perceive and judge of Harmony, and maintal Stoude.

In Mode, we fore mustically to acknowledge funcional like a distinct Serule from the current one of Israring, and call it a good Exe. And the like Diffusible we should probabily acknowledge in other Affairs, had we go defitted Nomes on deman for Power of Prevention by See Service.

Names and cannot the Power of Prevention by See Service Production, and power Capacity of prescring the Beauties of Palariago, Service Se

TAST

Phinting, Architecture, Gr. or either to a prort of the Sea Filter, East-Rieg.] See [Transvire. East-Rieg.] See [Transvire. East-Rieg.] See [Transvire. East-Rieg.] See [Transvire. East-Rieg.] See of the certain Planns; offully called by Bost-nich, Jiffer, and the certain Planns; offully called by Bost-nich, Jiffer, and Jiffer See of See

Cown.

Hence alio Earli are called to Letin, Camiters, in French, comes, Comm. &c. The German call them Granest, as Comes, Cambridge, Carlo, Cambridge, Carlo, Cambridge, Carlo, Ali fift the Title Earl always ded with the Mann Philima the Camperar first made it Hencilurgy giving it williams the Camperar first made it Hencilurgy giving it williams the Camperar first made it Hencilurgy giving it williams to come the Camperar first made it Hencilurgy in the Camperar first the Camperar first the Camperar first the Manne first the Camperar first the C

Earls are now created by Charter, without any Authority over, or particular Relation to, their Counties; and without, any Profit arifing thence, except forme annual Scipend out of the Exchequer for Honours Sake. The Number of Earls being of late much increased, and no more Counties being being of late much intreafed, and no more Counties being left for them, § feveral of them have made Choice of form eminent Part of a County, as Lindfey, Holland, Crawen, &c. Others, of forme Towns as Mar. browagh, Exest., Briffed, &c. And others of time Village, or their own Seat, Park, Ge. as Goulophin, Bolton, Danily, Wharson, &c. Two Earls we have which are not local, i.e. not dignished. from any Places, but from Noble Families; tris. Earl Rivers, A third is denominated from his Offi and Earl Poulet.

a. the Earl-Marfial. See Manshal.

Earls are created by Cincture of Sword, Mantle, a Cap and a Coronet on his Head, and a Charter in his Hand. They are flyled by the King, Confanguines insfir, our Confine. Their Their is, Afolf potent and Noble Lord. Their Coronet has the Peat's rais'd on Points, with Leaves between. See

Earl was a mighty Title among the Sexous: It is ob-ferred to be the most ancient of any of the Perage; and that there is no other Title of Honour in Use among the prefent Nobility, which was likewife used among the Saxons, befide it.

The Original Titles of Honour among the Seasons, were ESchng, Calbenman, and Dejeri or Dane. The first was appropriated to those of the Royal Family. The other two to the reli of the Nobility. Only the Tham were afterwards diffinguished into Majores and Minores. See

THANE. EARL-Morfad, is a great Officer, who had antiently fe-veral Courts under his Juridiction, as the Court of Chrealry, now almost forgotten; and the Court of Homour, now quite laid afide: But he hash till feme Prehemicence in the faid agget: But he barn till tome Prenemience in the Court of Marybalfea; where he may fit in Judgment against Criminals oftending within the Verge of the Court; whence the chief Officer under him is called Knight-Marybal. See

MARSHAL, and MARSHALSEA.

Under him is also the Herald's Office, or College of Arms.

Under him is alto the Herski's Office, or Cellege of Arms. See Hers Alto, and Contacto of Jerms.

The Office of Earl-Marphal is Herodizary in the most Noble Family of Howard; and enjoyl by the Dake of Nor-fulk, the principal Branch thereof; the now, for Reafons of State, it is dicharged by Deparation: But yet it is to be observed, it is now given out of the Name and Family of Howard.

EARNEST, called also Arrhes, Money advanced to compleat, or affare, a verbal Bargain, and hind the Parties to the Performance thereof.

to the Performance thereof.

By the Civil Law, he who recodes from his Bargain, lofes
his Zerzegi: Or, if the Perfon, who received the Zerzegi
give back, he is to return the Zerzegi
give back, he is to return the Zerzegi
au, the Effect of Zerzegi is more. The Perfon who gave
it, is in Strictions obliged thereby to ableb by his Bargamy
and in Cafe he decline it, is nor diffused upon Servicing
his Zerzegi's but may be fixed for the whose Memory thepulated.

EARTH, Terra, in Natural Philosophy, one of the four Vulgar, or Periparetical Elements; defined, a simple, dry and cold Soldinace; and as such, an ingendient in the Composition of all Natural Bodies. See ELEMENT.

Composition of all Natural Bodies. See ELEMENT.
It should be well observed, that the Element Earth is a
very different Matter from the Earth whereon we tread a
Artifastic having laid down cold and dry as his first Element; to give it a fuitable Name, look d among the divers ment; to give it a futtable Name, look'd among the divers Boddes, for that which floud come the nearest thereo; which being Eurob, be gave his first Element that Denomi-nation: Tho', thus borrowing a Word, that had been side for a different Thing, occasioned a great Part of his Fel-lowers to run into an extravagant Error, and to Suppose, that this habitable fossil Eurob, was an Element. See PRINCIPLE.

EARTH, in Chymifry, is the fourth of the Chymical Elements, or Principles, into which all Bodies are rejolvible by Fire. See Painciples.

by PIRC. DOC PAINGIPES.
After drawing off the Spirit, Sulphur and Phlegm, e.gr.
of Wine, what remains in the Recorr, is a safelets, finellleft, duffy Matter, not capable cither of being raid by Difillation, or diffolved by Solution, and called Earthy or Terra damnata, or Caput Mortuum. See Capur Mor-tuum and Terra damnata.

This Earth is supposed to be the Basis, or Substructum This Extro is Supposed to be the Basis, or Subfratum of all Bodies, and that, wherein the other Principles reside. "It's all that is folid, e. gr. in an Animal or Vegetable Body, i. e. all the Vascular Part; the rest being Juices. See South, Verell, Vegetables, &c.

EARTH, in Natural History, is a fosfil, or terrestrial Matter, whereof our Globe principally confists; whose Character is to be neither disfinithly by Fire, Water, nor Air;

Thefe Earshs are all refolvible into an Oil, a little acid a more moriss are all retolvible into an Uil, a little acid Salt, Sc. and a Cale, which is the Bash, or the Essrib property so call'd. See the divers Kinds of Earths described mater their proper Articles: Chale, Pemice, Bole, Sightlata-Terra, &c.

Naturality generally rank Sand as a Species of Earth; the with no great Propeiety. Sands being, in Strictnets, a Sort of Cyfuls, or little transparent Pebbles, cakinable, and by the Addition of a fix'd alcaline Salt, fulfible, and convertible into Glafs: And therefore properly reducible to the Class of Stones. See STONE.

By Means of Sand it is, that the fatty Earth is render'd By Means of Sand it is, that the latty Ecrib is rendered fertile, and fir to feed Vegetables, VE. For pure Earth is liable to coaledic into a hard coherent Mafs, as in Clay; and Earth thus imbedded, and as it were gued together, would be very unfit to nearifu Plants. But if with flich Earth, Sand, i. e. hard Cyplais which are indistiplible in Water, and still seaain their Figure, be interumed, they will Water, and tith cream more regues, no intermixes, they will keep the Peecs of the Earth open, and the Earth it fell loofe and incompact, and by that Means give room for the Juices to move, aftend, Ge. and for Plants to be nourified thereby. Thus a Vegetable, planted either in the Sand alone, or in the far Glebe and Earth alone, receiving no Growth alon, or in the fin Globe and Earth alone, receives no Growth or Internation in the inther internation of influented. But mix or International Conference of the Conference of the Conference of State, the Earth alone common for the Internation of State, the Earth alone common for the Conference of State, the Earth alone common for the Conference of State, the Conference of State, the Earth alone of State, the Conference of the Earth among the Conveylor prepared, digitally circulated, and at length excreted and thown off into the Control Falence. See Warra and Watertaylors.

EARTH, in Geography, this terraquerous Globe, or Ball, whereon we inhabit, confising of Land and Sea. See TRRRAQUEROUS Globe; See alid Octan.

The Earth, confider d in different Relations, or Habitudes, makes the Subject of Geography and Geometry. See

The Figure of the Earth is demonstrated to be nearly Spherical. Thus: the Moon is frequently from eclipted by the Shadow of the Earth; and in all Ecliptes, that Shadow the Shadow of the Lerth's and in all Ecliptic, that Shadow appears circuits, what Way fover it be projected, whether towards Eath, Weit, North or South, howlcover its Dismeter vary, according to the greater or left Dislance from the Earth. Hence it follows, that the Shadow of the Earth, in all Situations, is really Conical; and confequently the Body that projects it, i. e. the Earth, is nearly Spherical. See

SHADOW. The Natural Cause of this Sphericity of the Globe is, The Named Confe of this Sphericity of the Globe is, according to St. Pider. Neverue, he great Principle of Axecording to St. Pider. Neverue, he great Principle of Axecording to St. Pider. Never and the Parts of the University whereby all Bodies, and all the Parts of Bodies, mutually stated one smooth. See Arran Across. The time is the Canife of the Sphericity of the Dirays of We fay't as energy Spherical; See the Inequalities on its Sarface prevent in being perfectly for. Beddeet that, Hopgens and higher modes the Equature, then at the Lincoln Robbits and higher modes the Equature, then at the Lincoln Robbits and higher modes the Equature, then are the Lincoln Robbits.

and bigger under the Equator, than at the Poles: So that its Figure, nearly, is that of an oblate Spheroid, fwelling our towards the Equatorial Parts, and flatted or contracted totowards the Equatorial Parts, and flatted or contracted to-wards the Poics. The Ratio of the greater Diameter to the lefs, However determines to be as 578 to 577. See Mountain, Spherold, Pendulum, Ec. The Readon of this Inequality is deduced from the Diamal

Rotation of the Earth on its Axis; as is already shown in

that of the Sun. Sec Sun. This Roundness of the Earsh is further confirm'd by its naving been frequently fail'd round: The first Time was in having hear frequently failed rounds. The first Time was in the Vest 151, 184, 184 Feet. Magnetism made the Tour of the whole Globel's in 114, Doys. In the Year 157, our Countryman 1516, See Thomas Corossify made. Feet failed, See Thomas Corossify made to the first Veryage in 777. Davis, Shrow Coroll, See Heisselberg, in 1977. Davis, Shrow Coroll, See Heisselberg, in 1972. Davis, Shrow Coroll, See Heisselberg, in 1972. Davis, See Heisselberg, in 1974. In 1974 and 1974 the Milling continually from East to Wish, at length survey in Europe, where they for forth; a sell in the Coroll of their Veryage Colorious. the Phenomena, both of the Heavens and Earth, to con-

the Photomera, both of the Havum and Euril, to cor-relpond to and conside this fishers! Figure. However, the respondence of considerable figure is the substitution of the Valley, is nothing on the first substitution of the Valley, is nothing on the substitution of the Series of a Lemon: What it tokes by the Serielling of the Series of a Lemon: What it tokes by the Serielling of the Series of a Lemon: What it tokes by the Serielling of the Series of a Lemon: What it tokes by the Serielling of the Series of the Serielling of the Legar than the left, fixing the Reisin, as 6 yas to 85%. If the Legar thus the left Serielling is recombined to the Serielling of the Legar through the Serielling of the Serielling of the Serielling of the Legar through the Serielling of the Serielling Earth were in a flaid State, its Revolution round its Axis would needlarily make it put on fact a Figure, by Reafon the Centrifugal Force being greatest towards the Equator, the Fluid would there rise, and fwell most: and that it should be so now, seems needlary to keep the Sea in the

flould be fo now, feerms necessary to keep the Sea in the Equinctial Regions from overflowing the Bettle threshouts. Add, that Experiments made on Pendalums, which must be of different Lengths, to faring equal Times beer and at the Equator, evince the fame Thing. See Paxmerum.

the Equiver, crime the fine Thing. See PRINTERS.
Montile de la Hire and M. Derbans, indeed, have flewer,
in the Allemirs of the French Academy, and Philippin,
in the Allemirs of the French Academy, and Philippin,
greater Heat, or the French and the Academy and Philippin
protect Heat, or the Academy and Academ

the Earth past Ouestion.

the Earth path Quelifion.
The Anticosts had various Opinions as to the Figure of the Earth. Some, as Antenamentar, held if Cylindrical, 20 feet the Parth. Some, as Antenamentar, held if Cylindrical, 20 feet the patients of the Company of the Parth of the Horizon, that the Herevine and Earth above this Ocean was thew whole visible Universely, and that all beneath the Count was Earth. Of which Clyndron were not early diese Count was Earth. Of which Clyndron were not early diese. Ocean was Hades. Of which Opinion were not say of the ancient Poets and Philosophers, but also some of the Christian Fathers, as Lactantias, St. Angustine, &c.

of the ancest Peers and runstopiems, set into some on the Charles A. Leiferantin, S. Orogolius, Sc. the Per Treatment and Leiferantin, Sc. Orogolius, Sc. the Spherical Figure of the Earth seeve quite Pains; a Min could be Spherical Figure of the Earth seeve quite Pains; a Min could be Statice of the Earth seeve quite Pains; a Min could be Spherical Figure of the Earth Spherical Peers of the Spherical Figure of the Montains; a Thirt the Treatment that a Forentia, Spece than his Peers of a Hardman than a Forentia, Spece than his Peers of a Hardman than a Forentia and morning equal Archeo of genure Circles; a Thirt a Veddi will be continually flowing one, yet the Veddi full remain fully and on the course; if a Veddi full of Warr be let used to be full. On the Pains of the Warr is consistent to be full. See the Pains of the Warr is consistent to be full. See the Pains of the Warr is consistent to the Full of the Pains of the Warr is consistent to the Full. A L. C. a.

The Magnitude of the Earth, and the Vamber of Min Letter and the Pains of the P

t, is, by finding the Quantity of a Degree of a great Circle
of the Earth. But this Degree is found very different, according to the different Methods and Instruments made use well as the different Observers. See DEGREE.

of, as well as the different Osferven. See Placana;
The Method Osfervel by Mr. Niversees, and the Prevail
Altenomers Placard, Loffers, See, via, by meetinging the
interaction of the place of the place of the place of the
interaction of the place of the creating Actumers, effectively by Meni. Loffers, that hardly
that cannot be seen as the place of the Earth of
\$1355,500 Parti Feet; see, \$1455,500 Parti See,
\$1355,500 Parti Se

On the Surface of the Earth are conceiv'd the fam On the ourside of the Laris are current of the same Circles, as on the Surface of the Mandame Sphere already deficibed, via. an Equator, Ectivite, Tropics, Polar-Circles, Meridians, Horizon, Parallels, Ca. hich Sec, as also SPHERE and GLORE.

which bee, as allo SPHERE and GLOSE.

The Terrogeous Globe is now generally greated to have two Motions, the one Zhimnel, around its own Asia, in the Space of 24 Hours, which conflictuse the Natural Day, or Nyethemeron. See Divennet Affection.

The other Amanda, round the Sun, in an Elliptical Orbit, or Amanda, in 36 June, and in 36 June and in an Amanda, induction and in an Amanda Charles and in the Space of the Space of

From the former we derive the Divertices of Night and Day: See Nion: and Day. And from the latter, the Vicilitudes of Sections, Spring, Summer, &c. See Strang, Summers, Warrang, The See the Motion of the Earth proced under the Article

EARTH in Maranage

stor site Maisson of the Eurote process under the Article
Lawren in Alformous (Globe ve diffusion), the period of the
Lawren in Alformous (Globe ve diffusion), the period of the
Regions, evic. 1. The Euroraad Part, or Cook, period
Lawren in the Cook of the Cook of the
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La

The Country and reference of the children could be proposed. The country and Faller; or the plan and first; or down in Channels, Filiners, Bods, &C., for Revers, Laker, &C., and the country and the country

In the External, or Cortical Part of the Earth, we meet with various Strate, which are fuppoided to be the Sudments of various Floods, the Waters whereof being replications with Matters of divers Kinde, as they dried up, or osced through, deposited theid different Matters, which in Time Matters, which in Time Strate of Store, Send, Coal, Clay, St. See Strans, Coas, Sc. Coas, Sc. Coas, Sc.

Dr. Woodenard has confider'd the Bulinels of Strata with Dr. Woodward has confider'd the Bainett of Strate with great Attention, one, their Order, Number, Situation with religied to the Horizon, Depth, Interfections, Fiffare, Co-ton of attention, Coto, and attention the Origin and Forma-tion of Contract, Coto, and Coto, and Coto, and of the Coto, and Coto, and the Coto, and the original coto, and the Coto, and the Coto, and that terrible Revolution, be (uppoles all the corontal Back-ton of all Kinds to have been allowed and mixed with the Waters, and fellatind therein, so as only to confirm to common hids therwish. This Mains of recretified Particles, common hids therwish. This Mains of recretified Particles, common Moti therewith. This Mai of invertical Partice, internetial with Ware, he fuppole to have been at language propionated to the Bosson, and thus, according to the first the second of the second of the second of the second of the Borne of the Second of the Second where the Borne conflict, which can integrate the Second of the Second of the Second of the Second of the property of the Second of the Second of the Second of Time, drew Changes Impring from Earthynesis, and Fallowsky, does the Order Changes Impring from Earthynesis, and Fallowsky, does the Order of the Second of the Second of Time, drew Changes Impring from Earthynesis, and Fallowsky, does the Order of the Second of the Second of Time, drew Changes Impring from Earthynesis, and Fallowsky, does the Order of the Second of the Second of Time, drew of the Second of the Second of the Second of Time, drew of the Second of the Second of the Second of Time, drew of the Second of the Second of the Second of Time, drew of the Second of the Second of the Second of Time, drew of the Second of the Second of the Second of Time, drew of the Second of the Second of the Second of the Second of Time, drew of the Second of the Second of the Second of the Second of Time, drew of the Second of the Means, brought to the irr gular Form in which it now appears. See further Particulars under Fossit, Volcano, PRING, ATMOSPHERE, &c.

EARTH, in Aftronomy, is one of the primary Planets, coording to the System of Copermons. Its Character is 5.

according to the System of Operations as a Sec Parkstry, Eq. In the Hypothesis of Prelomy, the Earth is the Control of the System. So Systems, we make at Reft, i.e. Whether the Earth move, or emails at Reft, i.e. Whether the Earth move or emails at Reft, i.e. Whether is the fixed in the Control, with the Son Harvare and there is the fixed in the Control of the West Parkstrong to the Systems of the Systems of the Earth move that the Control of the Earth move that the Control of the West Design is the pure I Archive System. See Corratcontrol of the Systems of the System

NICAN, and PTOLEMAIC System.

The happy Induity of the Earth.

The happy Induity of the Aftronomes of our Age, has per the Moscen of the Earth beyond all rationable doubt: how which Account, the Names of Copernical, Gaffensus, Maylor, 1908, Flamplend, See, will ever be mentioned with

Reper, Hook, Frampers, occ. was ever the higher Honour, Indeed, the fame Motion had been bold by many of the arcicer Philosopher. Cerery, in his Toffe, Month, afters us, that Niceras of Syraepic first discoved that the Earth had a dimental Motion, by which it revolved roand its Arch in the Space of \$4 Hours: And Pietersh, de Pilatin.

Philosoph. tells us, that Philosous discoverd its Annual Morison round the Sun. About 100 Years after Philosoph Artilarchus the Samian, proposed the Motion of the Earth in stronger and clearer Terms, as we are affared by Ar-

un tronger and cotare Terms, as we are anarcu by Archimetes, in Arenar.
But the Religious Opinions of the Heasthen World, prevented the Declinic's becoming more cultivated. For Arither Archim, being accused of Sacringe by Cleanabes for moving Volta, and the trackery Deittes of the Universe out of their Place; the Philosophers began to lay afide 50 perilous a

FORMON.

Many Ages afterwards, Nie. Cufanus revived the ancient Syltem, in his Thef. de Piguerant,; and afferted the Motion of the Earth's But the Digmas got but little Ground till the Time of Capterniant, who thew'd its great Ufs and Advantages in Affronomy; and who had, immediately, all the Philotophers and Aftronomers, that durft think diffthe Philosophers and Attronomers, that durit think cur-ferently from the Croud, and were net stail of Eccle-fishtical Cenfures, on his Side. So that Kepher, his Con-temporary, made to Scruple to cry: Haderon temporary preflantiffini quique Philosopherum & Aftronomerum Copernico addipulaturo: Ectel of the ecfosses; vincumum juffragii melouribui: Caterii peus fola obfast Superfitio

Infiregrit motorrbus: Ceteris pens Jole object Superfitted and Matte a Cleanthibus.

The Argaments alledgd against the Motion of the Earth, are vain and frivolous. The Principal are, I. That it is a heavy Body, and very unit for Motion.

2. That if the Earth were to move round its Anis in the Latter, Publisher Set went-1.

a. That if the Lerich were to move reund in Asix in 4. Hours, allow Heatt, Baildings, Cerwold numbe down, 5. This Eddies would not full upon the Places perpendicularly mobile them. As the second with the place the continuous con

They are thefe:

They are thefe:

1, The Sun will equally appear in Motion, and the Earst,

1, The Sun will equally appear in Motion, and the Earst,

as fleading till, to a Speciate on the Earst's whether

Earst move round the Sun et Redi;

The finpole the Earst's in T, (fab. Affreaum. Fig. 14)

and the Sun in 1, the Sun will then suppose in ov. And

finpole the Sun to precond the suppose in ov. And

finpole the Sun to precond the suppose in Original to the

proceed intertor to 3, be will be from in ox; and the will

be appear to go on, according to the Order of the Signs in

the Signs.

the fieldpric. It is a proper sign to the zero in τ_1 (Fig. 2.1) the Sun, δ_1 will be from in τ_1 . Let harden so in two at two, and Sun be from in τ_1 . Let harden so fine Earth to have proceeded from τ_1 to θ_2 and if the Earth proceed to g_1 the Sun will appear to have advanced farther from τ_2 to τ_3 and for a caccerding to the Socorfison of the Sign of the Echipton. Thus does the Sun appear aille to move, whether it really move, or fined fillig τ_1 that the Objection isom Soufe really move, or fined fillig τ_1 that the Objection isom Soufe

really move, or train fitting to that the Conjection from some is of no Force. See Visions. But again,

a. If one of the Planets be furpoled to have moved a certain Space, from Well to East; the San, Estric, and other Planets, together with the hand Stars, will all seem to an Inhabitant of that Planet, to have moved just to fair

roand it the contrary Way.

For fuppose a Star M, (Fig. 16.) in the Zenith of an
Inhabitant of a Planet placed in T; and suppose the Planet
to have revolved on its Axis from West to East; in a certo have revolved on its Axis from Wet to East; in a cer-tain Space of Time, the Sun S, will have arrived at the Zenith of T; then the Sar I, then N, then the Earth L, and at length the Star M again. To the Inhabiteaus of the Planest therefore, the San S, with the Earth L, and Starts I, S, M, Ge, will appear to have moved round the Planest a contrary War. This, the Uniform Schows of the Planest, if any fact, the

ever is not in the centre of any of them, as we have already flower under the Articles, Store and Flanker, 4. The Eersh's Orbit being proved to be between those of Fours and Adary is fridiouse, that the Earsh's must term round the San: for, as it lies within the Orbits of the imperious Plancer, their Motions would indeed appear un-cipals and irregular; her they would nerve either be itationary or extremelle. We Say when and Revenue and Reof tetrograde. See STATION and RETROGRADATION.

5. From the Orbits and Periods of the feveral Planets out the Sun; and of the Moon and the Satellites round the Earth, Japiter and Saturn; it is evident, that Law of Gravitation is the fame towards the Earth,

Law of Gravitanien is the fame towards the Eierzi, Typi-piter and Satzum, as towards the Sun 3 and be periodical. Times of the feveral Binders moving around each, are in the fame Letter to their feveral Binders into them, Sce Panzon, amount Mosien, her periodical Time exactly faint that Law, bearing fact a Proportion between those of Jafers and Venux, as the Sevual other Bodies directed by the fame Law do bear, i.e. the Squares of the Fericola seria all, as the Celes of the Diffusion from the Centre of their Orbitis. But depoting the Letter to be as Relating that Law is both Dan Gappeling the Letter to be a Relating that Law is been

most exorbitantly

But lappointing the Letters to see at kich, that a new a neese. For if the Letters does in more read to the Sing, the Sun main more with the Moon round the Letter? Now the Diffusce of the San to that of the Moon Jeding as root of the Letters of t

courts, have been observed to be various at various Tim of the Year. That, particularly, of the Pole-flar from the Pole, has been difcover'd by Mr. Planglead from repeated

Pole, has been differed by Mr. Flanghand teen repeated Otherwaten, he y Treas fracefreely to be practer about the Sammer Solffice, thus about the Winter, by about 40 Seconds. Where it appears, that the Entryl Cangon is to be significant to the Sammer Solfie of the Sammer Solfie to he significant the Sammer Solfie Solfie Solfie to he significant the Sammer Solfie Solfie Solfie Solfie Which Augustens is further confirm of from this, that the Earth is nature the Sammer Carlinson, than at Medigeneurs; as appears both from its apparent Distance being greater in Liferander than in Yoring and from its Monton being the Sammer Solfie Solfie Solfie Solfie Solfie Solfie property of the Form in the former Solfie, than the former property of the Form in the former Solfie, than the solfie Solf latter: Whence it is that there are about 8 Days more in the Summer half Year, was from March to September, than in the Winter, from September to March. See Solstice

ed Equino

ther the heavenly Bodies revolve round the Earth in 24 Hours, or the Earth revolves round its Axis in that in 24 Houns, or the Earth revolves round its Azi in that Time. Now the Planes, revolving good the Sars, perform Time. Now the Planes, revolving good the Sars, perform the Sars (1998) and the Sars (1998) are supported to the Coloria are greater or left, for , as they are more supported to the revolved round the Earth, they would perform their Revo-rectived round the Earth, they would perform their Revo-rectived round the Earth, they would perform their Revo-politances, were accountable join. As that, the first Gira-politances, were accountable join. As that, the first Gira-month of the Coloria and Coloria, we the nearest Planes is demonstrated to the Sars I and I lowers, as the nearest Planes is

fupposed to do. See Revolution.

This is an Indepancy, which is avoided in the System where the Earth is supposed to move; and where every

where the Earth is Supposed to more; and whatevery planet is formed the Super in definition in small Other road the Sun, at the Other in greater. See Onatava-tor and the Sun, at the Other in parameter. See Onatava-tor of the Other Super in Super in Super in Super-damphal Menn. Now, if the Earth is an Red, and the Seas more, the Volcely of Reds Intern mult be immunity of the Moonie of the Earth's lane. For the Moonie norm Dilisance from the Earth, it yet Sean-distances of the Earth's lane. For the Moonie norm Dilisance from the Earth, it yet Sean-distances of the Earth's lane. It yet the Moonie of the Earth's lane. It yet the Moonie of the Earth's lane. It yet the Moonie of the Earth's lane. It was a superior of the Earth's lane. It was the Earth's lane in the Earth's lane to spoke Sulka. Heavy, the Circumsterne of the Moonie damal Carlo, being 114788 fairs Confidency in each See Moon, the's the Index of the Index of the Moonie of the Index Moon, the's the Index of the Index of the Index of the Index Julies and the yeak See Moon. Again, the Sulm's monie of Moon, nôt 'te tlewell of all the heavely Bediet, mell' more 3 Allein and the yeah. See Moon. Anglin, the Sum' mon. 2015. Since time the Earth, et a 1950.000 Companied Miles a configuration Miles a configuration Miles a configuration Miles a configuration Miles a Martin Miles And therefore in the Space of one Second, 17, 180 Miles And therefore in the Space of one Second, 17, 180 Miles And therefore in the Space of one Second, 17, 180 Miles And therefore in the Space of one Second, 17, 180 Miles And the twinking of a Bry place multi more 180 Miles. Anglis, the Diffuse of the Space of one Second, 17, 180 Miles and 180 Miles an

described in the same Time, are in the same Rasso; Mars, in

one twinking of an Eye, must fly \$222, Jupiter 28688; and Saturn 32000 Miles. Latily, the fix'd Stars being yet vally more remote from the Earth than Saturn, their Motion in, or near the Equator, must be vastly swifter than that of Saturn.

9. If the Earth be at Reft, and the Stars move by any common Motion, the feveral Planets must each Day describe General Spirals running forth to a certain Term rewards the North, and thence returning to the opposite Term towards the North, and thence returning to the opposite Term towards the South; femetimes narrower, and fometimes broader. For the Diffances of the feveral Planess from the Zewith

the South; Genetines narrower, and Genetines besoder.
For the Diffuser of the Ferral Fusions from the Zenth Zenth

Daniely die

The Experiment was proposed to Dr. Hook, in the Year 1679, by a Person, who suggested, that if the Earth had any diarnal Motion, the Body would full to the East of the perpendicular. Dr. Hook, on that Occasion, read a Dif-courle before the Royal Society, wherein he endeavour'd. s courle before the Royal Society, wherein he endesvour'd, a priori, to affign what Curve a falling Body would deferibe. prioris, to saugh what curve a faining Body would deferibe; affecting particularly, that the Fall of the Body would not be directly Eaft, but South Eaft; Which was confirmed by

divers affinal Trials divers actual Trais.

11. The Power of Gravity is found to decrease as you approach nearer to the Equator: Which is a Circumfiance that agrees to all Rodes, which have a Motion on their Axis; and them only, as being really the necessary Results of such many and the Rodes of the Motions. See Gravity.

of futh Motions. See Graviers.

For a Body, rendring on in Axis, the Parts, or Appendings thereof, are continually endeavouring to recode trom the Centre. Confequently, the Equator being agent Circle, and the Parallels all decreasing towards the Polos, the Centraligal Force is greated in the Equator, and decreases towards the Polos, in the Retrie of the Diameters of Parallels to that of the Equator. Now the Power of

Parallels to that of the Equator. Now the Power of Garwin determines the ferrual Parts or Approachage towards the Cares of the whole: Confequently the Countfigal Experimentary on the Power of Garwiny, return in the District Computer, that the Force of Garwiny to the Contrigual Force, art the Foquer is a 55 gm s 1, conf-quently, a Body placed there, would lefe one sky there of the Wight it would have, were the Errar at Refs. Conf-quently, the Cartridgal Force, at the Pack, being infinitely final, a Body will there which also Pounds, which at the

imall, a Body win there weight 209 Founds, which at the Equator only weights 188.

1. The following is an actual Demonstration of the Earth's Motion, drawn from Physical Coustes, for which we are indebted to the Discoveries of Sir Base Newton; and

which Dr. Keil takes for conclusive, and unantwerable.

All the Planets, 'its demonstrated, gravitate towards the

Sm: And Observations testify to us, either that the Earth first round the Sun, or the Sun round the Earth, in fach Manner, as to defenhe equal, Area in equal Times. But in demonstrated thereby, that shearest before turn road each other, and regular their Motion by final Lax, causily, if the Same in its Motion for graviture to the Causily, if the Same in its Motion of graviture to the Earth and Richard gravitate router the Sam. Again, the Earth multi Richard gravitate router the Sam. Again, the Saviture to nee mether, without directly approaching one studies in the Same Same Same Same Same Saviture to nee mether, without directly approaching one studies in the Same Same Same Same Same Same Saviture to nee mether, without directly approaching one studies in the Same Same Same Same Same Saviture to nee mether, without directly approaching one studies in the Same Gravity; but the Sun is fo great a Body in Respect of our Gravity, but the Sun is to great a Body in Respect or our Earth, which is, as it were, but a Point; that the common Contre of Gravity of the two Bodes, will lie within the Body of the Sun it fell; and not far from the Contre of the Sun. The Earth, therefore, turns round a Point, which is in the Body of the Sun; and therefore turns round the Sun. Q. E. D. To fay

To fay no more, to suppose the Earth at Rest, con-bunds and destroys all the Order and Harmony of the Universe, annuls its Laws, and fets every Part at Variance

with other, tobs the Creator of half the Praife of his Work, and Mankind of the Pleafure of the Contemplation thereof. In Efficit, it renders the Motions of the Planets in-extricable and affeld, which otherwise are plain and simple contemplation of the later Afferomer, as have affered it with the most Zeal, have been forced to fer it affel, when they came to compare the Motions of the Planets. Youn only came to compare the ratherns of the Planess. None
of them would ever attempt to compute these Motions in
variable Spirals; but in all their Theories they tacily suppose the Parch to move on its Axis, so as to turn the diarnal Spirale into Circles

diernal Spirals into Circles.

Thus, the Jelaite Ricciolus, who, at the Pope's Command, oppopied the Motion of the Eurob with all his Might, as something contrary to Holy Scripture; yet, to frame Adronomical Tables, which filould any thing tolerably agree to Observation, he was sured to have Recounte to the

space to Obtevation, he was faced to have Recourte to the Montion of the Earth, as in only Retigo.

This, De Obdes, another of the fame Festerity, family confided: " P. Reconsides — miles I behald a space point of the confidence L. X. C. I.

The System, then, which supposes the Earth at Rest, is, of it felf, of no Use, or Significance in Astronomy: Nor The System, then, which supposes the Earth at Rest, is, of it self, of no Use, or Significancy in Altronomy. Nor does it avail more in Physicks: for the principal Phanomera are no Way deducible from it; but the Retainers thereto are either forced to sity to the immediate Agency of the Deity, (which in Physicks is the same as the Re-Mailto ad Alfaridancia in Geometry) or to Restons and Principles unknown.

Principles unknown. Some oppose the Motion of the *Earth*, as contrary to Revelation; there being mention made, in Holy Scripture, of the Sun's rising and letting; of his flunding fill in the Time of \$\tilde{P}_0 \tilde{B}_0 \tilde{B}_0 = \tilde{B}

scripto.

Now, on take the genuine Soufe of theft Paffinge, the Now, to take the genuine Soufe of the Paffinge, the pool, that the festions much be fettled. It. Then, we fape pool, that the festions are sourced by the reading pool, that the festion of the pool of the po he fupposes prior Notions, and leaves us to take their Sinfe the ordinary Way. Hence, 4. We argue, that no other Ideas are in he affixed to the Words of Scripture

other bless ner in be affixed as the Wood of Scenpure, both finds accor to a Perform who looks or attend to the Carling's incident fipide of. See Drynsyrios.

Physical Surface, bettering, in manifest and the surface of the Sun, bettering the Surface of Surface

that mey did not change their Pines, with Religiet to the Earth. For that General, by Sun fland thou fill own Gibeon, and thou Moon, over the Veility of figlon required no more, than that the Sun, which then appeared over that City, floudd nor change its Situation. And from his bidding the Sun to keep his Stuation, it would be un-just to index, that it moves round the Earth at Refl.

at to inter, that it moves round the Earth at Relt. Galfradus, very perinently to the prefent Puipole, di-inguilhes "two facred Volumes, the one written, called the Bibbs, 5 the other, Nature, or the Worlds, God having manifelded himfelf by two Lights: the one of Revealation, and the other of Demonfitzation. Accordingly, the Interpreters of the former are Divines; of the latter, Mathematicians. As to Matters of Natural Knowledge, the Mathematicians are to be confulted; and as to the Objects of Faith, the Prophets; the former, being no lefs Interpreters, or Apolities, from God to Mee, than the latter. And as the Mathematician would be judg'd to wander out And as the Mathematican would be judged to washing our of his Province, if he should precend to concriver, or for adde any Arcicle of Faith from Principles of Geometry, for it must be granted, the Divites are no lefs our of their Limits, when they vecture to pronounce on a Point of Natural Knowledge, boyand the Reach of any not veriful in Geometry and Opeska, merely from Hely Scripter of the Control of the C Yor Inflances, we may quote Lattantius, and Angufunes the first of whom render'd himself ridiculous by disputing, from Scripture, against the Roundacts of the Earth;

tiom Scripture, aggind the Roundreft of the Entrils, that the litting aggind the Astephatics. See Averreenses. The Entrils, thing proved to move, it is to be further deferred, that the Mainton of the Post Stage South Child, the Children of the Child of

TION, and PARALERLISM.

According to Sir Ifaac Nowton's Principles, the Earth's Axis does, in every annual Revolution, incline twice towards the Ecliptic, and twice return to its former Polition. On which Nutation it is, that the Preceding of the Equinoctial works **meand#118, that the Preceition of the Equinoctial Points is inprofed to depend; and as Mr. F. sauffeed like-wife imagnes, the annual Parallax of the fix'd Stars like-wife. See Nevartons, Paraclass, vic. Earns, in Agriculture and Gardening, See Sort. **Untried Earls, i. e. the Soil, or Earls 6 or y Jocked deep, where neither Spade nor Plow has reach'd, is greatly

recommended by Mr. Lawrence, for Amendments and Im recommended by Sir. Lewrence, or Amendments and im-provements, both in the Fruit and Kitchem Garden. He affure us, from his own Experience, that no Kind of Compoil, made with Arts, excreds it. And adds, that if the choicell Fruis-Trees be planned berein, they perfensily different uncommon Healthfulrefs and Vigour: And elifover an uncommon Healthfalzefs and Vigora: And that if any render Gors of Annahas be differently from in this Bern's, make fire by fifting, their Looks, Colons, Sci. Deep, Colon Colon Colongub has the Bern's Colon Colon Deep, nock no other Compath has the Bern's Edited And Alparagus it fell will profice, at lead, as well in this Durined Earth; if Itad a Score and a half deep, as with all the ultual Esquates of Deng, The fire the render are controlled to the Colon Colon Colon Colon Colon Colon and Colon Colo any extraordinary Excellencies. For annual Plants, produced from Seed, a Coar of this Untried Estrib, 2 Inches deep, may fuffice: Un other Occasions, a greater Depth is re-

Fulers Earth, 506p Earth, \$06p Earth, \$06d'd Earth, Lemmon Earth, \$5. EARTH-Bogs, in Fortification, the fame with Courses

Zagy; which fee.

EARTH-Flex. See Accuracy Parameters.

EARTH-Flex.

EARTH-Flex, and agriculture and Gardening, the Covering of Vince, Sellery, and other Trees and Plants with Earth.

EARTHQUAKE, in Natural History, a vehement Shake EARLINGUALC, in Natural Hiltory, a whement Shake, or Agitation of fome confiderable Place, or Part of the Earth; from Natural Causes; attended with a hage Nosie like Thunder, and frequently with an Eruption of Water, or Fire, or Smootk, or Winds, Sec.

or Fire, or omosk, or Winds, De.

Earthyndess are the greatelt, and most formidable
Phanomens of Nature. Arigane, and Phiny, diffinguish
two Kinds, with Refract to the Manner of the Shake, eight
a Trenor and a Finite; the first being horizontal, in alter-

a Trenor and a Fully a the first being horizontal, in aiscr-nant Whetmon, compared to the fallings of a Perion is made with the compared to the fallings of a Perion is latter Kind are affo called by drifteld, Agence, for Agreement and the Whotmon to that of Enslings, for Agreement with the Whotmon to that of Enslings, the which Alli-Alegory, spain reduces to these, one Ledwin which Alli-Alegory, spain reduces to these, one Ledwin leifs; by which Monnation have been functioned to expect to ment, and child a spaint chuck other: Papillation, when it beats up and down like to Arrays: And Translangs, when it fallies and lower cow Way, like a Takme.

The Phenomens of EARTHQUARES.
The Philipph. Tranjadi. furnith us with Ahmdance of Hillories of Earthquaker. Fardcularly, one at Orford, in 1663, by Dr. Wallis and Mr. Boyle. Another, at the fame Place, in 1638, by Mr. Pigor. And another in Society, in 1692-5, by Mr. Harrop, Fa. Alleffundro Europa, and Schotter, which left, is one of the most terrible Ones Bondarius; which left, is one of the most terrible Ones

in all History.

It shook the whole Island; and not only that, but Naples and Malta shared in the Shock. It was of the second

ture, which does not pretend to teach any thing of the Kind mention'd by Arifvete and Pliny, viz. a perpendicular Palfation, or Saccution. It was impossible, fays the For Indiance, we may quose Laftentian, and Angelius's Noble Bensieus, for any Body, in this Country, to Note amongstate, for any Body, in that Country, to keep on their Legs, on the dancing Learth 3 any, their that lay on the Ground, were todid from Side to Side, as on a solling Billow: High Walls keep from their Foundations feveral Pacas, Sc. "Phil! Yfrest", N. 207.

The Mitchel it did is amazing a almost all the Buildings in the Constrict were thrown down. Fifty four Cities and Towns, before an incredible Number of Villages, were

either defiroyed or greatly damaged. We fhall only in-flance the Fate of Catanaa, one of the most famous, antient and floarithing Cities in the Kingdom; the Refidence of feveral Monarchs, and an University. This once famous feveral Monarchs, and an University. now unhappy Catanta, to tile the Words of Fa. Burgos, had the greatelt Share in the Tragedy. Fa. Austron. Servoita, being on his Way thither, and at the Diffance of a few Miles; observed a black Cloud, like Night, hovering a fau Mitte 3 obtéred a latet Gléad, lite Nijht, howeing over the City3 and there ands from the Monda for Afforder the City3 and there ands from the Monda for Afforder the State of a finden began to roug and off the State of a finden began to roug and off in Milway and there was a Blow, as it all the Artillery in the World hald been ac once difchanged. The Britler five about antion of the City of the State of the Stat when casting his Eyes towards Cossness, be with Amaze-ment faw nothing but a thick Cloud of Duft in the Air. This was the Scene of their Calamity: For of the magni-This was the Sozes of their Calminys. Not of the magni-ficant Catents, there is not the left Broothy to be form. S. Brasijanus stierns wa, that of thysa lababitans, 1800. The control of the Brasilanus, 1800. The Catenty Lababitans, 1800. The Catenty Laboratory of the Brasilanus, 1800. The Catenty Lababitans, 1800. The Catenty Lababitans and 1800. The Sozial Lababitans, 1800. Short informs us, expect one every Year, That Author gives we the Hillings of non 1855; Another horrish one in 1859a, the distributed by feveral accomposed Authors. I now Mourat Finner the Octom and Stoward Catenty.

mine to the Town of Porr-Royal. The Houses funk out-right, to or 40 Fathoms deep. Phil. Tranfall, No. mine notion of the Town of Part-Royal. The Hoofes fash conceptly, not one Fathouss deep. Pabli Trangell, No. 209. The Earth opening, fuellowed up People; and they sold in other Streen's, fines in the middle of the Harbour, and yet stree faved; I fine, there was now Pro-vent the Company of the Company of the Company were through one should be the Company of the theory of the Company of the Company of the Company of all Wells, from one latthout to face from the Water flow one rat the Toy with a velocuted Motion. Edd. While the Harbour one one of the Company of the Company of the Harbour one of the Company of the Company of the Harbour one of the Company of the Company of the Company of the Harbour one of the Company of the Company of the Company of the Harbour one of the Company of the Company of the Company of the Harbour one of the Company of the C on the other they were thrown on Heaps; and the Sand in the Street role like Waves in the Sea, lifting up every an the Storet role like Waves in the Sea, Itting up every Dooly that fred on it, and immediately dropping down Dooly that fred on it, and immediately dropping down beaking its, rolld them over and over; fome catching the body of Beums and Rafters, W.c. Ships and Sloops in the Harbour were overfit and left; the System Frigate particu-larly, by the Motion of the Sea, and fashing of the Wharf, was driven over the Tops of many Houfes, 1834, it was attended with a follow rambling Novile like that of Thum-tured over the Tops of the System of Thumattended with a hollow rumbling Notic like that of Thun-der. In lefs than a Minute, three Quarters of the Houfes, and the Ground shey flood or, with the Inhabitants, were all funk quire under Water 5 and the little Part, left be-hited, was no better than a Heap of Rubbiffi. The Shake was to violent, that it threw People down on their Knees, was fo violent, that it threw People down on their Knee, or their Faces, as they were running about for Shelter. The Ground heav'd and fwell'd like a colling Sea and feveral House's, full standing, were thusself and moved fome Yards out of their Places. A whole Street is fail to be used as broad sown as before 3 and in many Places, the Earth would carek, and open, and thus, quick and fail. Of which Openings, two or their Hustlerd angle be form Or which Openings, two or inter-riundred minger to zear at a Time; in flome whereof, the Pcople were (wallow'd up; others, the closing Earth caught by the middle, and pecifid to Death; in others, the Heads only appeared. The larger Openings (wallow'd up Honfes; and out of fonce would filter whole Rivers of Waters, fipouted up a great Height into the Air, and threat ning a Deluge to that Part the Earthquake spared. The whole was attendthat Part the Laytophane spared. The whole was attended with Steuches and offenfive Smells, the Noile of falling Mountains at a Didance, See, and the Sky, in a Minutes Time, was turned dull and reddiffh, like a glowing Oven Time, was turned dull and reddiffs, like a glowing Overs. Yet, a great Suffere as Port-Royel was, more House were left standing thereon, than on the whole Illand be-fole. Scarce a Planting House, or Supar Work was left standing in all Justice, and Agreet Fart of them were the properties of the standing of the standing of the late of the whole standing but Stand, without any which when dried up, left nothing but Stand, without any Mark. Mark that ever Tree, or First, had from thereon. Above, 12 Mills from the Sear, the Earth paped ted Specard cost, with a predigious Force, with Quanties of Warris from the American Search of the Search Sea Mark that ever Tree, or Plant, had been thereon the Shakes all that I time being so violent, and coming so thick, formerimes two or three in an Hour, accompanied with trightful Nosiss like a ruslling Wind, or a hellow rumbling Thunder, with Birmssner with the durft nor come a Shore. The Consequences of the Europeanies was a general Sickness, from the notsome Vapours below. forth, which fwept away above 3000 Perfons. Ibid.

After the Detail of these horrible Convulsions, the Reader After the Detail of thefs horrible Convulsions, the Reader will have but little Carlofty left, for the 'left confiderable Phenomenn of the Earth peake at Lissas, in 1687, de'cribed by Fa. disrace de Toleda, wherein above 5000 Perfons were deftroy'd; this being of the Vistratory Kind, fo that the Bells in the Church rung of themselves: Or that at Barausia in 1699, by Wirmen: 'That in the North of that the Bells in the Church rung of themselves: Or that at *Batevia in 1699, by *Witzens: That in the North of England in 1703, by Mr. Thoresby: Or, hilly, those in New-E. gland in 1603 and 1670, by Dr. Marber: We will theretone collect him with form Attempts towards a W will of Earsiquakes.

of Estimates. Canfer of Enarroyanas.

Naturalitis are here divided. Some afeathe Estributable to Water, eithers to Fire, and others not hit; and all of my with fone Exteliae. To conceive which, it is to be discussed to the control of the Control Sulphur, Bitumen, Vitriol, &c. See Anna Stranger

This premified, 1. The Earth it felf may be the Caufe its own shaking; when the Roots, or Basis, of some This premijed, t. The Earth it self may be the cause of its cwn shaking; when the Rocas, or Benis, of some large Mais being chicalved, or wore away by a Flaid underscath, it finks into the fames and with its Weight, occasions a Terror of the adjacent Parts; produces a Noi.e.; and frequently an inundation of Water.

2. The fubtervaneous Waters may occasion Earthquake. 2. The fubervaneous Waters may occasion Earthquaket, by their overflowing, cutting out new Coarles, \$2e. Add, that the Water being heated, and rarifold by the fubervaneous Fires, may emit Fumes, Blaits, \$2e. which by their Action, either on the Water, or immediately on the Earth it felt, may occasion great Succussions.

 The Air may be the Caufe of Earthquakes: For Air, being a Collection of Fumes, and Vapours rais'd from Air, being a Collection of Fumes, and Vapours rais'd from the Earth and Water; if it be pent up in the too narrow Vifera of the Earth, the fubrerrancos, or its own native Heat, rarifying and expanding it, the Force wherewith it endeavours to cleape, may fhake the Earth. Hence there entervoirs to chape, may make the Earth: Hence there arife divers Species of Earthquakes, according to the different Position, Quantity, So. of the impetion'd Aura.

terent Position, Quantity, Oc. of the imperior of Jura.

Laftly, Fire is a principal Caufe of Earthquakers; both
as it produces the aforefaid fubterraneous Aora, or Varpours;
and as this Jura, or Spirit, from the different Matter and
Composition whereof arife Sulphus, Bitumen, and other inflammable Matters, takes Fire either from some other Fire it meets withal, or from its Collision against hard Bodies, it meets withal, or from its Collifion against hard Bodie, or its Internstant with other Flaids; by which Means bariling our into a greater Compañ, the Pince becomes to moreow for light of that predding against its on all Solds, the national state of the product of the produc

1966/P. Yranjact. N. 157. is of Opinion, that the material Caufe of Thunder, Lightning, and Earthquakes, is one and the fame, viz. the inflammable Breath of the Pyrites, which is a fubfiantial Sulphur, and takes Fire of it felf.

See Prairies, Thunder, Go.
The Difference between these three terrible Phanom

The Difference between these three terrible Pharmomena, he takes only to confiss in this 5 that this Sulphur, in the former, is fired in the Air; and in the latter, under Ground, Which is a Notion that Pliny had long before him: 2nd enim, says he, asked of in Terra Tremor, quant in

Nube Tomirus 1
This he thinks abundantly indicated by the fame falphurcous Smell being found in any Thing burnt with Lightning; and in the Waters, etc., cuft up in Earthynakes, and
even in the Air before and after them.

Add, that they agree in the Manner of the Noise; which is carried on, as in a Train, fired 5 the one rowling and rathing through the Air, takes Fire as the Vapours chance to drive; as the other fired under Ground, in like Manner, moves with defultory Noise.

moves with defailery Nolfs.

Thander, which is the Effect of the Trumbling of the Air, caseful by the fame Vapours differed through it, has force enough to finke our Hondris and why may not the state of the Air, caseful by the Air, and the Air, and the Air, and the Air and the Air

That the Earth abounds in Cavities, every Body allows a

That the Earth absunct in Cavities, every Body alloway, and that their foldermoness Cavities are, at cettern Trave, and in certain Section, full of inflammable Vapours, the leavest property of the Cavity things: "An interest the Cavity things are supported by the Cavity things and the Cavity things are supported by the Cavity things and the Cavity things are supported by the Cavity things are suppo Now, of natural Brimfone, which is found in and about the barning Mountains, is certainly the Effects of Sublimation; and those great Quantities of it faid to be found about the Skirts of Volcaso's, is only an Argament of the Roag Duration and Vehemence of those Frest: Positibly, the Pyrites of the Volcaso's, or burning Mountains, may be more fulphureous than ours: And, indeed it is plain, that forme of ours in England are very lean, and hold but little Salphur; others again very much: Which may be one Reafon, why Bogland is so little troubled with be one Reason, why Logians is 10 little troubled with Earthquaker; and Italy, and almost round the Mediter-raneau Sea, so very much: the another Reason is the

Erribayekts; and Beisy, sed shoult reced the Addient-reasens Su, for vey much the Journell Redfin is, the Pancity of Psystes in England. Completing our Europeanier, Thunder and Lightning, Completing our Europeanier, Thunder and Lightning, the Completing of the Companier, the Companier of the daily, effectibly in Sammer Time, her Electron about daily, effectibly in Sammer Time, her Electron about the Good of the Companier of the Companier, her is foon over; short the Europhysical are frequent, teng, and Department of the Companier of the Companier of the To this Purpole, the Substrancous Cavities in England Parts of the World; which is evident, from the fidden Derro of the World; which is evident, from the fidden Derro of the World; which is evident, from the fidden Derro of the World; which is evident, from the fidden

Pares of the World; which is crident, from the tandem Differencemen of whoth Monntains and Hand, Derhystender, Hender Montains and Hand, Derhystender, Henderstein, Henderstei

nay, it is formetimes fo violent, that it forces the super-incum-bent Strats, breaks them all throughout, and thereby perfectly bent Streets, breaks them at throughout, and thereby pericety undermines, and ruins the Foundation of them; to that thefe failing, the whole Truck, as foon as the Shock is over, finks down into the Abyls, and is favillow'd up by it; the Ware thereof immediately rifing up, and forming a Lake in the Place, where the faild Tract before was That this Effort being made in all Directions indifferently, the I fast this Elbot being made in all Jarictions Insurecently, the Fire dilating and expanding on all Hands, and endeavouring to get room, and make its Way through all Oblitacist fells as fool on the Water of the Abyts beneath, as on the Earth above, forcing it forth, which Way foever it can find Verns, or Petlings, as well through its ordinary Exits, Wells, Springs, and the Outlets of Rivers, as through the Chafins ther Springs, and this Qualess of Rivers, as through the Chaline time movily opened, a through the Chamist, or Spiracles of Alless, movily opened, a through the Chamist, or Spiracles of Alless, Bettems of the Sec, whereby the Alpyfi below opens into its and communicate with it. Thus a she Weste, resident in the Abyfa, it, in all Piers of it, shored with a condisi-in the Abyfa, it, in all Piers of it, shored with a condisi-in the Abyfa, it, in all Piers of it, shored with a condi-in the Abyfa, it, in all Piers of it, shored with a condition of the Chamistra of the Chamistra of the Chamistra of the Cataconlineary Aggregations of this Fire Imperig. blikewise is the Wart, which is thus forced out of it; in-to-fined, that when thrown Erds, and mixed with the formed, that when thrown Erds, and mixed with the Waters of Wells, or Springs of Rivers, and the Sea, it renders them very fentibly hot.

He adds, that though the Aby's be liable to these Com He acus, that though the Abyts be made to these countries when all Parts; yet the Effects are no where very remarkable, except in these Countries, which are Mountainous, and consequently short and experience underneasth; and effectively where the Disposition of the Strata is first, the Abyts, and to fively additional to the Abyts. that blot Carrens com Into the Abyts, and fo freely sei-mits, and current the Firey which affembling therein, in the Caulie of the Shock; it summily therein; in Confe-fetative, where it is the second property of the Caulie Carrens of the Shock of the Carrens of Stone, or Marke, making the irrogatory Drypfishin to this Effect, are the Earth, which shound with Streas of Stone, or Marke, making the irrogatory Drypfishin to this Effect, are the most invarially fluttered; and fuffer much more by its there are the second property of the Shock of the Carrens Reditions; but show all, these Countries which yield great Store of Sulphus, and Nitres, are by the, the most linguest tuning in the Earth a kind of satural Gempowiers, which risking Fire upon that Affenthologs, and Approach of its cour-ting Fire upon that Affenthologs, and Approach of its cour-ting Fire upon that Affenthologs, and Approach of its courthat those Caverns open into the Abyis, and so freely admit, and entertain the Fire; which affembling therein, is turing in the Earth a kind of natural Gunpowder, which raking Fire upon this Affemblage, and Approach of it, occa-fions that murmuring Noife, that fubterraneous Thander, which is beard rumbling in the Bowels of the Earth during Earthquaker, and by the Affilhance of its explosive Power, renders the Shock much more greater; fo as foractimes to make miferable Havock and Deftruction.

And it is for this Reafon, that Hafp, Sicily, Anasolia, and some Parts of Greece, have been so long, and so often alarm'd and harafs'd by Earthquakes; these Countries being all Mouncinous and Cavernous, abounding with and Marble, and affording Sulphur and Nitre in

Stone, and great Plenty

great Fleury.—Further, that Ettus, Vefuvius, Haela, and the other Vid-Further, that Ettus, Vefuvius, Haela, and the other Vid-cause, are only fo many Spiracles, ferring for the Difcharge of this fulherraneous Fire, when it is than percentantally altim-bled. That where there happens to be lach a Structure, as that the Fire may pais freely, and without impediment from the Corrent, wherein it affembles unre those Spiracles, it then Coverts, whereas the memors are not more operators it without flaking, or diffurbing the Earth: But where fach Communication is wanting, or Paffage not fufficiently large and open, so that it cannot come at the Spiratles, it heaves up and shocks the Earth, with greater or leffer Impetue fity, according to the Quantity of Fire thus affembled, till it has made its Way to the Mouth of the Visicous. That therefore there are scarce any Countries much annoyed with Earshquakes, but have one of these fiery Vents; which are constantly in Flames, when any Earshquake happens; as difgorging that Fire, which, whilst underocath, was the Caufe of the Disfather. Lattly, that were it not for these Diserticula, it would rage in the Bowels of the Latth much more furtously, and make greater Hayock than

We have feen what Fire and Water may do; and that either of them, in good Hands, are fufficient for all the Pharametra of Earthquakes: If they should both fail, we have a third Agent, scarce inserior to either of them: The Reader mult not be furprized when we tell him it is Air.

Merd. Amontons, in the Memotres de P. Acad. des Sciences, An. 1703. has an express Discourie to prove, That on the Foot of the new Experiments of the Weight and the Fost of the two Experiments of the Weight and Spring et its Art, a substante Experiment, the Art was a Constitute, explain of entling Earthquaket. It is flowen, then the Digith of entling Earthquaket, it is flowen, then the Digith of the Spring Indian behavior of the Constitute heaviel Budes we know of in Niture. But it is found by Laprimuse, that the most Asi is compressed, the more construction of the Niture and the control of the Niture Budes in Spening, and the more capable door in treader let of a videor Budes! A solid let be not compressed to the niture Budes in our control of the Niture Budes! And the Niture Budes! Not the Niture Budes! Not control of the Niture Budes! Not control of the Niture Budes! Not control of the Niture State S capane et a very voient one below. And as we are afferted, that there are in Nature, Degrees of Heat, much more confiderable than that of boiling Water: "Is very possible there may be fone, whole Violence, Grether at-fitted by the exocoding Weight of the Air, may be methan fufficient to break and overtram this fold Orb of 43128 Exthems; whose Weight, compared to that of the initialed Air, would be bar a Triffe.

Detricial Errugares. Chymiley families us a Method of making Artificial Earliepsales, which fluid have all the gear Effects of turnul once; Which, as it have all the gear Effects of turnul once; Which, as it to be a superior of the control of the

Earth will begin to tremble, crack and fmuck, and Fire and

Earth will begin to irmshe, crack and mnock, and Jire and Filmse lamf through, eas of cold Bodies, in the cold Ground: There only wants a fufficient Quantity of this Mixture to produce a true EFIAS. See Volcanoo. If it were fappoold to baril our ander the Sea, it would pro-duce a Spoat. See Soovy. And If it were in the Clouds, the Effect would be Transfer and Lightning. See Trues-DER. Sc.

EASE, in the Sea-Language, is the fame as let go flacker; thus they fay, Eafe the Bowling, Eafe the Sheet, that is, let it go flacker.

EASEL-Prices, among Painters, fuch finall Picco, ei-ther Potralts, or Landhips, as are painted on the £afel, i. c. the Fraine whereon the Canvas is Intrallat. They are thus called, to dillinguish them from larger Fictures drawn on Walls, Collings, &c.

EASEMENT, in Law, a Service, or Convenience, which one Neighbour has of another by Charter, or Prefription, without Profit: As a way through his Ground, a Sink or the like. In the Civil Law, thefe are call'd Services

EAST, in Aftronomy, Geography, &c. one of the Cardinal Points of the Horizon, being the Point wherein the prime Verrigical interfects that Quatter of the Horizon the Sun rifes in. See ORIENY, CARDINAL-Point, HORIZON, &c. To find the East and West Line, Points, Sc. See Mx-

RIDIAN Line. Easy-Wend, is that which blows from the East Point. Sec WIND

The Word East is German. In Italy, and throughout the Mediterranean, the East Wind is called the Levante. In Greek, amounts, because it comes from the Side of the Sun, er ihle. In Latin, Eurus.

EAST-Dials, See {DIAL. ORIENTAL. EAST-Indies. See Indies. EAST-Indies. See Indies. EAST-Indies. Company.

EASTER, a Feaff of the Church, held in Memory of our Saviour's Refurection. See France, See. The Lating, See, call it Paglaba, A Hebrew Word, fig-nifying Paffage; applied to the Feaff of the Paffore, which is held among the Jews, much about the fare

Time. See Passover. In English it is called Easter, from the Saxon Cayven, Goddels, worthip'd with pecaliar Ceremony in the Month

Easter is one of the most confiderable Festivals in the bristian Calendar; being that which regulates and deter-sines the Time of all the other movesble Feasts.

mircs the Time of all the other moreothle Fosits. The Ratio for the Colbertson of Lefter, field by the The Ratio for the Colbertson of Lefter, field by the Colbertson of Lefter, field by the Colbertson of Lefter, field the Sanday sidewing the Ratio field Moon next after the Sanday sidewing the fift faill Moon next after the Vernal Epizons, happen on a Sanday Joseph Sanday Joseph Sanday Lefter Sanday, happen on the Colbertson of Lefter of Left Sanday Sa

See EQUINOX, See Equision.
To find Leifert, agreeably to this Rule, the Method that obtained throughout all the Charch, from the Time that the control of the Collecter water Proper Gregory; and which fill Oction to England, Structure, and among the Greeke, where the Gregarian Correlion is not admirted jie, by Messus of the Galeke, Numbers, duly distributed throughout the Julius Collecter of States and Collecter of Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of the Microsoft of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States and Collecter of States and Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Collecter of States and Collecter of States are the Coll

The Vernal Equinox, at the Time of the Nicene Coun The Vermil Equinos, at the Time of the Nicere Com-cil, bappening on the 21st of Merch, has been, upon Discognize's Austhority, affix'd to the Isme Day of the Pulsan Near ever Snoce; for that in the Tyllian Way of comparing, no full Moor on 12 Psychol, but that immediately after the 21st of Moreh. Therefore Edder, on merc hap-pen earlier than the 23st of Mohrel, Now, by finding the Moor, near after the 21st of Moreh, There have no like Moor, near after the 21st of Moreh, for the feveral

Gold. Numb.	Full Moons next after Ver. Equin.		Gold. Numb.	Full Moons next after Ver. Equin.	
II.	s April,	D G	XI XII	15 April,	G
III	13 April,	E	XIII	24 March,	F
IV.	2 April, 22 March.	A	XIV	12' April, 1 April,	D G
VI	10 April,	B	XVI	21 March, 9 April,	G C A
VIII	18 April,	C	XVIII	29 March,	D
ix	7 April,	F	XIX	17 April,	В

Now to find Eafter, for any given Year, find the Domi-sical Letter, and the Golden Number of the given Year, as directed under DOMINICAL Letter and GOLDEN

is a Souday, and, thereion, Egler will fall on the Righth Day following, not. to that of July following, not. to that of July following, not. to the Color of Goldon Numbers, in deposit on person of the Royal of the Cycle of 1 y Scar, or Goldon Numbers, in deposit on person out the Planca of the now and like Bloom, and the Cycle of 1 y Scar, or the Color of the Royal of the Royal

The following Table renders the finding of Easter in the Gregorian Year, from the Year 1700, to the Year 1900, very eafy.

Epalis.	Pafchal full Moons.	Epatts,	Pafchal full Moons.	
X XI XXII III XIV XXV VI XVII XVIII	13 April, E 2 April, A 22 March, D 10 April, B 30 March, E 18 April, C 7 April, F 27 March, B 15 April, G	IX XX I XII XXIII IV XV XXVI VII XXVIII	4 April, C 14 March, F 12 April, D 1 April, C 9 April, A 29 March, D 17 April, E 6 April, E 16 March, A	

Now, to find Eafter for any given Gregorian Yest. Sock the Duminical Letter, and the Gregorian Epids, as and the Gregorian Epids, as a second of the Comparison Chiefester by the Comparison of the Comparison of the Comparison Chiefester by the Comparison Chiefester by the Comparison Chiefester by the Comparison of the

Golden Numbert, or Years of the Least Oycle, we shall Add, that the fall Moon happening on the sorth of March, have a Table for the finding of Enforce for even.

Such Table being of number Use in the Julius Compation the Gregories Companion. As, on the context, who while the relation in the Gregories Companion of Allerdon, may be also of the Julius (Moon of the 2nd of Allerdon, may be also of the Julius). full Moon of the 22d of Marco, may be allow'd for Patchal, which yet it is not. Scaliger and Calvifus have proved other Inaccoracies on this Calendar. See Calendar.

other Inaccuracies on this Calendar. See Calendar. EAVES, the Margin, or Edge, of the Roof of a Houfe; being the lowell Tiles, Slate, or the like, which hang over the Walls, to throw off the Waters to a Diffance from the Wall. See Roor.

Wall. See Roor.

Enves-late, is a thick feather-edge Board, generally skilled round the Estate of a House for the lowermost Talke

Selven and the Jerus of a Hoofe for the lowermost Tries, Shir round the Euror of a Hoofe for the lowermost Tries, Shir round the Jerus of a Hoofe for the lowermost Tries, EHONTES, antiest Henricks, who red in the Church, from the very Registing thereof. Se Heart reas, Heart reas, the second of the Hoofe that the mean the lower house the Hoofe that t

and Time there were few but goor People, that emmences the Chrighten Religion.

This Opinion Gregor himself feems to give into, in his Book asynint Cepting where he key, that they colld Elisable, so that the same of the state, the among the Jesus, as helicred that Juffer with the product of the month of the same of the same of the same probability, but the Plumilier even the unpole of the melione Probability, but the Plumilier to their Prefettion. This was the medical colderes in Collegently to their Prefettion. This Published oblives, they valued themselves on Name of themicives, in Conformity to their Proteinon. Lie certain, Epiphanian observes, they valued themselves on being Poor, in Imitation of the Apostles.

being Toor, in Imitation of the Applies.

The same Epiphosius, however, is of Opinion, that there had been a Man of the Name Ebion, the Chief, and Founder of the Soft of Ebionies; a being contemporary with the Nanaranes and Cerimbians. He give a long and with the Newsrenes and Cerimbians. He gives a long and casel Account of the Origin of the Ebionies, making 'em to have arose after the Destruction of Yerujalems', when the first Christians, called Navaries, went out of the same to live at Pella. See Navaries.

to live at Polla. See NARARTY.
The Ebiouriest, then, are livite cife than a Brunch of
Naratriets; only, that they alter'd and corrupted, in many
Things, the Purity of the Falith, held among hofe faith
Adhamats to Christianity. For this Renfon, origen diffiadhiest to Khindo of Ebiomete, in his Aniture to Ceifurs,
the one believed that Tyless Christ was born of a Vingin; and
the others, that he was born after the Manner of

and the others, that he was come and context Man.

The first wave Out-flowing in every Thing, except that to the Cardillane Declarat, they joyed the Ceremonics of the Cardillane Declaration, they share the context of the Cardillane Theory, Sameriteer, and Nasapries: They difficult from four Sameriteer, and Nasapries: They difficult from four Sameriteer, and Nasapries and Sameriteer, and Sameriteer and Sameriteer Sameriteer, and Sameriteer Samerite

Abhortmor, See PENYATEVEH.

They received nothing of the Old Toftament but the Pensatemets, which floudd intimate them to have defended rather from the Semaritans than the Jeon. They agreed with the Nanaritas in wing the Hebrew Golfel of St. Masthew, otherwise called the Golfel of the twelve St. Matthew, otherwise called the Gofpel of the reader Apolities: But had corrapted their Copy in Abandance of Places. And, particularly, had left our the Genealogy of our Savien, which was preferred rather in that of the Nazariries, and even those such by the Cerimbians. See Gooyst. These list, whole Smitnessen, as to the Bitch of our Savienr, were the fame with those of the Elbinoiries, built

carvair, were the inne with thoic of the Elimines, built as the General System of the Control of

that Sinte #1 a World of Fallmood, the lotter to subschole their own Practices. See 5. Epiphemia, who is vey diffi-fier on the animet Herdy of the Ebinates, Here 30-fer to the animet Herdy of the Ebinates, Here 30-th 1990, I was a subschole and the Sint I wought for the Pallin, and so that Account, wild in Majdie and laid World, Toye & See Woon, Montae, Gie. There are divers Kinds of Energy the most usual sumage was a black, read and green; all of them the Product to the Illinds of Madage ser, where the Native call them laid world to Madage ser, where the Native call them laid world to Madage ser, where the Native call them laid world to Madage ser, where the Native call them

of St. Maurice, belonging to the Dutch, likewife furr Part of the Ebonies aled in Europe.

part of the Edonies ided in Europe.

Authors, and Travellers, give very different Accounts of the Tree that yields the black Eleay: By fome of their Deferiptions it should be a Sort of Palm Tree, by others a Cytylis, See. The most authentick of them, is that of Mont. Placeurs, who resided many Years in Madag glear as Governous theory. It allows no thesis are more than the property of the Sorting and the Sorting and the Sorting and Sor

Mont. Fisteners, who resided many Years in Medagagier as Governous throat. He altiens as this it grows very high, Governous throat. He altiens as this it grows very high of our highest, at a deep, dustly, green Colour. Taternier alliters in, that the Hunders take Case to bery their Trees, when ear down, to make them the blacker, to be the state of the contract of the contract of the by him as \$2. Dissings, which he cells Gyerrium general failst exclusive Eleman untertie. Canda allo bean a little Struck, howen to the Dotterlis, hander the Name of Eleman 1900.

Shruh, known to the Bottailit, under the Name or a zerous College and Disposition for, the left Edges comes from Edgis; and Edges and the Real Edges comes from Edgis; and the word from India; but Thengingfast protein that of Lind. Block Edges; me much priorist to Property of the Property of the Property of the Property of the Real Edges and the Property of the Real Edges and the Property of the Real Edges and the Real Edges and

Burk is a white Kind about two Inche thack; all Incomats which, a thic two Placet, is a deep gene, approaching which, to the very Placet, is a deep gene, approaching the property of the property of the property of the View. In Ufe is not comined to Mofate Week; "The like-wise good in drying, a picking a face grown Tinchure. As to red Eulery, existed also Grenatolist, we know inthe The Colhert-Mullers, Indiryne, Che, make "Pare Tire, and other Woods, past for Eulery, by Plassiffing, or giving it the black Colors thereof. This, forme da, by a few Walfles of a hot Decockion of Galk, and when dry, adding which are the property of the property of the property of Walfles of a hot Decockion of Galk, and when dry, adding and a little bot Wan of publishing it with a size Book. little hot Wax.

and a HERE not Wax.

Others hear, or burn their Wood black.

ERRBUHARITES, a Selt, or Order of Religious among the Mahometon; thus call'd from their Founder Ehrbards, a Dikiple of Nacfehr bendi.

Emblin, a Phaspe of Nation Jennals. The Estyphianies, nowwithinning the extraordinary Sanchity they make Profession of, with an absolute Dermont, as no better than Hereticks, by Reason they don't cleem themselves object to go in Phigramage to Mesea. To excuse themselves herefrom, they urge that the Purenefs of their Souls, their fublime Contemplations, Extages, Cc. flicw them Mecca flirring out of their Cells. flew them Mecca and Mahomet's Tomb, without

EBULLITION, in Physicks, the Act of Bailing; or, a vehement Agitation of the Parts of a Fluid, produced by

See BOILING.

Fire Sec Borkson.

Philodrophes are different about the Casis and Mosses.

Philodrophes are different about the Casis and Mosses.

Philodrophes are different about the Casis and Mosses.

The Casis and Casis are also as a second of the Parisde of

BEULEING, in Chymithy, Ur., is also uted for a violent intelline Motion, or Collectation of Parts, octafond by the Mixture of Salts of different Natures. Dr. Harris will have it properly, and immediately, to fignife that particular Grungle, or Efferweience, arising upon the mingling together of an acid and alcalifate Liquor. Sc Acts and Accast.

Mr. Royle has an Experiment to show, that a confide-rable Ebullition may be produced by such a Mixture, without the Bodies acquiring any Heat; may, that a Degree

ECARTELE, in Heraldry. See QUARTERLY. ECCANTHIS, or ECKANTIS, in Medicine, is a Difcase of the Eyes.

The Eccantors, or Eckantis, is properly a fielly Ex-creference, in the Cantons, or Angle of the Eye; thus call'd from the Greek, 27,2500k, which fignifies the fame Thing.

FORTH the verse, you have a nignate the same having. ECCE-Have, a meng pittings, a Name given a Painning, wherein our Saviour is repreferred in a Parple, Robe, with a Crown on his Head, and a Reed in his Hand, fuch as be was preferred better Plate by the Yest.

The Partie at Alini, borrowd from the Words of the Yest them dives, g. 4. Then is the Man.

He has a fine Eloe Boune.

He nas a time zeer town.

ECCENTRICK, in Geometry, is applied where two Carcies, or Spheres, tho' contain'd, in forme Meafare, within each other, yet have not the fame Centre, and consequently are not parallel: In Opposition to Consequently are not parallel: In Opposition to Consequently are not parallel: In Opposition to Consequently are not parallel; In Opposition to Consequently, where they are parallel, have one and the fame-common Centre. See Concentrate. centrie; where they are parallel, have one and the fame common Centre. Set Concentrate.

The Sun's Orbit is Eccentric, with regard to the Globe of our Earth; Mars is very Eccentric, with regard to the Sun, that is, his Mocion is about a very different Centre. See Earth, U.S.

See ERRYH, Oc.

ECENTRIC, in the New Aftronomy, or Eccentric Circle,
is a Circle, as P D A E, (Tab. Aftronom. Fig. 17.) definited
from the Centre of the Orbit of a Planet C, with half the Axis C E, as a Radius. See Eccentricity.

Eccurrace, or Eccurre Gross, in the Antient Prolo-mace Altronomy, was the very Orbit of the Planet it felf, which it was furpoided to de'ernle about the Earth; and which was conceived Eccentre thereto; called also the Deferrent. See Different.

in Lina of Eccentric Circles round the Earth; the Mo-crus make the Planets deferibe Elliptic Orbits round the Gras mixe tak Planets defende Elitpie Orbits round the Sun a wink at account for all the frequenties of the Mo-tions of Planets, and their different Distroys from the control of the Planets of the Motion of the Mo-dernic of the Planets of the Planets of the Control Grafe as A.K., intracepted between the Aphellen A₂ and the right Line K.L. which palling thro' the Centre of the Planet K., is drawn perpendicularly to the Line of the Apidets A.P. See Assossor.

ECCENTRIC Equation, in the Old Aftromony, is an Angle made by a Line drawn from the Centre of the Earth, with another drawn from the Centre of the Eccentric. Profesherofis; and is equal to the Difference, (accounted in an Arch of the Eclipsic) between the Sun's, or a Planer's, real, and apparent Place. See PROSTAPHERESIS.

real, and apparent react. DOE PROSTAPHERESS.

ECCENERAL PROSE of a Planet, in its Orbit, is the Place wherein the Planet is fees from the Sun. See PLACE.

ECCENERAL Place, is fees from the Ediptic, is the Point of the Ediptic, to which the Planet viewed from the Sun, is received. Talls coincides with the Helinecurine Place. See feer d. Talls or included the Helinecurine Place. HELIOCENTRIC.

ECCENTRICITY, the Diffance between the Centres of wo Circles, or Spheres, which have not the fame Centre. See ECCENTRIC

See Eccarrace.

Recurracerry, in the old Afrenousy, is the Diffuse of the Came of the Chet of a Flanc, from the Carte of the Came of the Chet of a Flanc, from the Carte That the five Flances have fish an Externitive, is all lord on all Sole, and may be criscal from forward Confidentions, chally this, that Starrac, Popiliers, Mart. All Lord on the Carte of the Carte o

has been

has been misse.

The Moderna meany of them hold, that the Sun and Moon appear formerimes larger, and founctimes less; not that they are nearer as are one Time them another, but because they are view'd through different Columns of Arr, which producing a Difference in the Refreshion of their Air, was protesting a Directive in the Arrection of their Light, may occasion those different Appearances. Accord-ingly, we find very fudden Alterations of the apparent Magnitude of the Moon; where nothing but a Change in the Air-can take Place. See Moon and Sun.

EARTH, ST. EARTH, U.S.
ECCENTRICITY, in the new Altronomy, is the Diffence
of the Centre of the Orbit of a Planet, as C., from the Sun S,
i.e. the Diffunce between the Centre of the Elliphis and
the Focus thereof: called alife fample, or fample Eccentricity.
Double ECCENTRICITY, is the Diffunce between the two
Feel in the Elliphis which is equal to twice the fample Eccentricity, See Focus, Engineer Fie

Executivities, See Focus, Etainsia, Eta.

To find the Executivity of a Planet, e. gr., the Earth :
Since the Sun's greated apparent Diameter is to his leaft,
as 3t 43t 10s 3t 35t, or as 1565 to 1585 the Sun's
greated Diffance from the Earth will be to his leaft, as
1945 to 1595. Since then, PS + SA = PA = \$865 t; the
Radius of the Executive CP, will be found 1950: And
configurative CP = Since the Sun's CP being
configurative CP.

confequently SC=PC=PS=32. Wherever, CF being access, CS will be found = 16;8.

Hence, as the Farth's Eccentricity SC, is fearer the Sixteenth Part of the Radius of the Eccentric CP; the Sixteenth Part of the Radian of the Excensic CP₂ the Enriv's cliptic (viction on deviate much from a circuity one. So that 'this no Wooder a Calculus, undo on the You of an Excensic Choice, fined authors root enough to Co-ference. And fine the Eccuration, determined from the formation of the Company of the note Company of the Company of the Company of the Eccentration, and the Piles of the Apogen, may be demi-mined on the Hypothesis of the Excensic Circle. ECCHIO, or rather Edo. So. Enco.

ECCHYMOSIS, from expels effication, to pour out, and effort, Sampus, Blood, fignifies those livid Spots, or Blotches, in the Skin, which are made by excrevated Blood: The fame with Lockymonas. See Examplement. ECCLESIA, a Latin Term figuifying Church.

CHURCH.

Crueren.

In our antient Law-Books, Fitz-Herbert observes, Ec-lesses properly figalises a Parsonage. Whence, if a Presentation were made to a Chappel, as no a Church, by the Name of Ectofies, it changed the Name thereof, and it presently commenced a Church.

parfemily commerced a Charch. When the Quellion was, Whenher it were, Ectolys, are Copelia pertinent all Ectolyses 1. The little was, Whether it had the Aptivitions of Septemans 1. Fee if it is had be the Aptivition of Septemans 1. Fee if it is had be the Copelia of Septemans of Septemans 1. Fee if it is had to be the Copelia of Charch. See Copelia of Charch. See Copelia of Charch See Copelia of Charch Higher, Upper any filling out, or Milanderfunding, between the Emperor and the Charch May, the Adherents on the Emperor called fish as facil to the Instruct of the Charch and Charch-Rich Charles of Charch Charch and Charch-Rich Charles on the Charch May of the Charch and Charch-Rich Charles on the Charch May of the Charles of the Cha

ECCLESIASTES, one of the Books of the Old Tellsment; Thus call'd, by a Greek Word, fignifying Preacher.

By Reason the Arthur declares, or preaches, against the

Vices and Vanities of the World. Vices and Vanities of the World.

This is Mariana's Judgment; Grotius thinks otherwise:
He takes it to derive its Appellation from its being a Cultellian of fine Sentences, and Reflections on the Vanity
the Things of our Earth, Ge. For the World happened to amail to collect example(iss.

to sample or colleit evanhylism.

Some Relever Declore take its Name to stife from anoffigs a deal of Wildows Others, because the Austor's Aims

condition to the state of t

Grerius, indeed, takes the Work to be posterior to 55not what Authors, fix in Number; who, to give their Book the greater Aethority, put Solomon's Name to it, and repreferred him as Repentant. What he found it, and refounds fo many prefented him as Repentant. What he founds to many positive Facts on, is, that we meet with Words in this Book, which are no where elfe feen, but in Daniel. He

Book, which are no where cili feen, but in Denselt, 25-dres, and the Chelder Purphents.

Box, via certain, all, both Hebrews, Greeks and Lesting,
Box, via certain, all, both Hebrews, Greeks and Lesting
Box and Author, bed via as Wheel of Schoome, Indeed, three
are Author, bed as a White School of the Chelder, and the School

Fragher had collected them. If it he true, that there are
Childer Words in the Enclopingles, via cater to Suppose
Schoolman underflued that Language, than to deep him the

Author of the Book

Solumen underthood that Language, than to deny him the Anthrow of the Endo, Solumen's, because Creatin has read for a Anthrow of the Endo, Solumen's, because Creatin has read for a few for Editions, which are early to be explained by the Caladre and Archies we are not the Anthrow of any Endo, in the Bills. Mafri small root be the Anthrow of any Endo, in the Bills. Mafri small root be the Anthrow of any Endo, in the Bills. Mafri small root be the Anthrow of any Endo, the Caladre and Anthrow of the Endo, and Endo, an

The Y hadamasht, and other Rebbins, however, note that the Book of Exclessings, was foure Time Ce it was put in the Canon. See the Gennera on Tricke Abbort of 1, to col. 1. Maffield Schebbath C. II. fol. 30, co. col. 2. Absu Eura on the Ecclessing VII. 4. Maintainidest, March, Nebeobins, L. III. C. 28. Mercerus, Calcuius, and Ge-jeras on this Book.

eriss on this Book.

ECCLESIASTICAL, for ECCLESIASTICAL, fomething belonging to, or fix apert for the Church; in Contraditional to Civil, or Secular, which regard the World.

See Civil. &c.

Sec Civil, E.c.
There are Ecclefisfical Things and Persons: Ecclefision fical Law, Jurijalition, History, Coronamies, Discipline, Preferencia, &c. Sec Law, Jurisdiction, History, CREMONY, E.c.
Ecclefisfical Persons, are either Regular or Secular.

Ecosphagical Persons, are cellula Degana, to the See Regular and Secular.

In the Empire there are three Ecologiafical Electors, circ. the Archbishops of Monra, Treves, and Cologne. See

ELECTOR. In France, they have Ecclefiaftical Peers, &c. PEER.

Pres.

Ecclesiantical Court, are the Convection, Court of Delegates, Of Arches, Of Audience, Preregative Court, Court of Peculiars, Biplops Court, and Archesacout Court. See each under its proper Article, Convocation, Audience, Arches, Court, Archesacout, Court, Court

See eich under its proper Arick, Convocation, Au-Britance, Amerin, See. A Pompineeris, are Economical Excipiolitical Confure und Displacetica, and Displacetica, or Depertations, See Excoharge Confusion, Frances, Superantos, Dienardation, See EXCLESIASTICUS, and Apolityphal Book, company of Displacetical Company of the Company of Displacetical Company of the Company American See Company of the Company of the Company American See Company of the Company

It is frequently wrote by an Abbreviation, Eccli. to di-

It is frequently were by an Abbervistion, East. to dissipatif, it from the Eastlington, which is wore Eastlington, which is wrone Eastlington, the in which is produced to the Eastlington, they then Autor of the Eastlington of Eastlington of Eastlington on Taylorius I. But this does not Eastlington.

of his ALCC by Jan 20 has an JayrenSt. Ferrime affures us, in his Perface to the Books of
St. Stream affures us, in his Book in Hebrews; and that
the Hebrews initied it Parables: From which the feluite
Marissas concludes, what the High Pricit Fight wrote this
Book in Hebrews; as it appears likewife from the Prologer

to she Book it felf; and that his Grandfon translates Greek, which likewife appears from the Prologue: that he made this Translation in Feyfr, where the Author lived in his 58 th Year; that it was done under the Reign of Prolomy his 30th Year; that it was done under the Reign of Probany Everygets, bucceffor of Probany Publishedships, who began to reno in the Year of Route 112, 240 Years before Christ; that the Grandisher had initited it Paresbies, which the Grandish changed into Ecclefishies, q. d. Pressber: Latily, that the Book, however, is arributed to the Transface, by Reison he changed, and added many the Translator, by Real Things to the Original.

Things to the Original. For Cather thick the Book of Euclidations to have been composed under the Postificate of Origina III. See of Somes, and the first method the Australia of the Estimation, nor the Time when it was made, is known as but being queen requirely by all the Australia of the Little Freshlation, nor the Time when it was made, is known as the being queen requirely by all the Australia Falsaches in order of its being very durient. He takes it to have some of the Court o

ECCOPE, Amputation, in Chirargery, a dividing of a flefhy Part, and cutting off that which is gaogreend, cancer'd, or the like: As also an Amputation of an Excrescence,

Ecore, is likewife used for a Kind of Fracture, or Solution of Continuity of the Skull, by a simple incision. See FRACTURE.

The Word is form'd from the Greek, insurfus, to cat. ALE WORD IN TURN OF THEM THE CYPTER, SEASON, TO CHE.
FCCOPROTICKS, in Modicine, Lawritee, or looking.
Remedies, which purpe gently, by foftening the Humouirs and Excrements, and fitting them for Expulsion. See Evacuarity, Pundantures, Gr.

The Word is composed of the Greek Particle ex, and

yer Gr, Excrement.

ECHINATE Seeds, are fuch as are prickly and rough like the Coat of a Cheffout; or, as fome fay, like the Skin

of a Hedge-hog. See SEED. of a Hedge-hog. See Seid.

FCHINUS, in Architecture, a Member, or Ornament,
near the Bottom of the Ionic, Corinthian, and Campignie
Capitals; which, from its circular Form or Conteur, is
called by the French, Quart & Roud, and by the English,
Quarter round, or Boiltin; and from its being riskly
carried, or our with Figures of Eggs, Ur. is called also by

the Latins, Ovum, by the Halians, Ovolo, the French Ove, and the English, Eggs and Amehors. See Quanter ROUND and Ovoro. Leftly, The Eggs being encompaffed with a Cover, and thus bearing fome Refemblance to a Cheffingt cut open; The Greeks have call'd it soes, Echinus, that is, Cheffiant.

See BOULTIN, &c. ECHINUS, among Botanists, is used for the prickly Head, or Top of any Plant; thus called from its Likeness to an Hedge-hog or Cheffout.

ECHIQUITE, in Heraldry. See CHECKY.
ECHO, or ECCHO, a Sound reflected, or reverberated,
from a folid, concave Body, and fo repeated to the Ear. See Sound and Replection.

The Peripareticks, who took Sound for I kee The Peripateticki, who took Sound for 1 know not what Species or Image of the fonerous Body, imprefied on the adjoyning Air; account for Febs from a Refilition of the Species, occasion d by its meeting four Obstrace in the Way. But the Moderns, who know Sound to constit in a way. But in stoom, in the forecreas Body, com-municated to the contiguous Air, and by that Means to the Ear; give a more confident Account of Echa.

For a tremulous Body, firiking on another folid Body, 'tis evident, may be repelled without destroying or dimi-nishing its Tremor; and confequently a Sound may be re-doubled by the Refilition of the tremulous Body, or Air. See Sound.

But a fimple Reflexion of the fonorous Air, is not coough

But a simple Reflucion of the fonomea Au, is not coungly to foliw the Zebo For them crey plain Service of a folid hard Bedy, as being or the property of the folid hard Bedy, as being the find does not held. To produce an Zebo, therefore, it should feem that a Kizel of Concemeration, or Vauluing were necessary to note to collect, and by collecting, but heighten and increasing, and afferwards reflict the Sound; as we find in the Cail in reflecting the Kuyo of Light, where a concaver Mirror

is required.

In Effect, as often as a Sound Strikes perpendicularly on a Wall, behind which is any Thing of a Vasit, or Arch, or even another Parallel Wall; in our will it be reverberated in the fame Lime, or other adjacent once.

For an Echo to be heard, therefore, 'tis necessary the Ear

For an Lebo to be heard, therefore, 'tis necessary the Ear be in the Line of Restlexion: For the Person who made the Sound to hear its Ecbo, 'tis necessary he be perpendi-cular to the Place which reflects it: And for a manifold or Tanzelogical Ecbo, 'ris necessary there be a Number of Walts and Vants, or Cavities, either placed behind each other, or itoniting each other.

A fingle Arch, or Contavity, Ur. can fearer ever flop and refield all the Sound; but if there be a convenient Diffposition behind it, Part of the Sound, propagated thinker, being collected and reflected, as before, will prefeat another

ampeanem neutral la, fort of the Sound, preparagrach thirter, Zabrie C. Dr. Harber & Institute Country's, opportunities and the Country opportunities of the Dr. Harber & Sounder Technical Principles of the Dr. Harber & Sound Perfectled From the one of the Dr. Harber & Dr. Harbe ome, provided no interposed Body intercept it; but not by

Ecos may be produced with different Circumstances: For, 1. A Plane Obstacle reflects the Sound back in its due Tone and Loudness; Allowance being made for the proportionable Decrease of the Sound, according to its Distance. CC PLANE.

2. A Course Obfiacle reflects the Sound fomewhat final-ler, and fomewhat quicker, the weaker, than it otherwife

would be. See Convex.

3. A Course Obfacle, eclo's back the Sound, bigger, flower, and also inverted; but never according to the Order

of Words. See Concave.

of Words. See Concave.

Nor does it feem possible to contrive any fingle Ecos, that fhall invert the Soand, and repeat backwards: Because, in fact Case, the Word last pocken, that is, which last occurs to the Oblikele must be repell'd first, which cannot be. For where in the mean Time should the first cannot be. For where in the mean Time should the first.

cannot be. For where in the mean I ime should the first Words hing and be conceiled a of now, after such a Pauli, be revived, and assimated again into Motion. From the determinate Concavity, or Archeducis of the reflecting Bodies, it may happen that some of them shall easily scale back one determinate Note, and only from ne Place.

4. The Echning Body being removed farther off, it reflects more of the Sound than when nearer; which is the Rea-fon why forme Echn's repeat but one Syllable, fome one and fome many.

Word, and fome many, 5. Echning Bolden may be fo contrived, and placed, as that reflecting the Sound form one on the other, either eli-cone Sound, field a multiple Echn, or many Echn's parties. Add, that a multiple Echn may be made, by 60 placing the Echning Bolden, at unequal Dilabect, as that they may reflect all one Way, and cot one on the order ply whitch or the Hudel line mony, or sell a like a Leuthber; one fineder of the Hudel line mony, or sell a like a Leuthber; one fineder

Word like many of the fame Tose and Accest; and to one Viol, like many of the fame Kind, imitating each other. Laffly, Echaing Bodies may be fo order'd, that from

my one Sound gives, they shall produce many Echo's, ifferest both as to Tone and Intention. By which Means a Musical Room may be so contrived, that not only one lestrument playing therein, shall seem many of the same Sort and Size, but even a Consort of different Oues; only by placing certain Echning Bodies fo, as that any Note play'd, fhall be return'd by them in 3 ds, 5 ths, and 8 tiss. Ecno, is also used for the Place where the Repetition of the Sound is produced, or heard.

The Word is form'd of the Greek, \$χΦ, Sonus, of the

Verb izen, Sono, I found,

Veto 1926, 5000, 1 journs, Eche's are diffinguished into divers Kinds, viz. 1. Single, which return the Voice but note; whereof fome are Yourest, which only return a Voice when modu-lated into foun particular Muffical Tone. Others, Poly-gillabitest, which return many Syllables, Words and Sentences.

pylathecat, which recare many syllables, Words and dentences.

1. Multiple, or Tantological, which return Syllables and Woods the lame offenomes repeated.

1a Echo's, the Place where the Speaker floads, is called the Centrum Phonicam; and the Object, or Place, that returns the Voice, the Centrum Phonocompticum. See

At the Scpulchre of Metella, Wife of Craffiss, was an Ecba, which repeated what a Man faid, five Times. Au-thors mention a Tower at Cyzicus, where the Ecbo repeated Leven Times.

But the finest Echo we read of, is that mention'd by Barthius, in his Nores on Starius's Thebais, L. VI. v. 30. which repeated the Words a Man atter'd feventeen Times: gerining in his News as construct an entire control by such represent the World's Min survey of Versions. These tryons on the Binds of the Nith Services Children and Bringer. It was not the Binds of the Nith Services Children and Bringer. It was not the Binds of the Nith Services and the Services and the Binds of the Repetition is not based till from Thee after before the Person of the Services and the Services and Se

Artificial Eleber,
The Method of making an Artificial Elebe, is traight by
the Jefuire Blancari, in his Echonecry, at the End of his
Book on the Softer. Pirrociae soil as, that in divers
Book on the Softer. Pirrociae soil as, that in divers
ranged under the Seats of the Theatre, to reade the Sound
of the Allow Yookson more clars, and make a Kind of Elebe
by which Means, of the precligious Maliende of Perion,
the offfitted at the Sopthesia, curve Body might next hose
the Soften Soften Sopthesia, curve Body might next his Tafe and Dieafana

Edit and Piculaus.

Earon, in Poerry, Sr., a Kind of Composition, wherein the last Words, or Spithikes, of each Verit, contain forme Quellion, or other Maurer, consained in the Verit.
Such is that firmous Licks of Englans, — Dicess smoot cogningful in Jegono Georgeon. — to, e.m., Affine.

The first Licks, in Verit, a cooking so Professir, is that filmous Licks on Composition of the Composit langing at user dors of natures, he says, mere is nothing like them among his Porons. Ninjuguas Greenia good re-cantat Echo: By which, on the one Side, he firews there were Latin Poets in his Time, who made Echo's; and on the other, that the Invention came from the Greekt.

Arifophases, in his Comedy, intitled Insupposing was, introduces Euripedes in the Person of Echo. And Calls-

introduces Europeass in the Person of Eclo. And Casis-macebus, in the Epigram, E-Scales of missue of mension, feems to have intended a Kind of Eclo. ECHOMETRE, in Music, a Kind of Scale, or Rule, with feveral Lines divided thereon, ferring to measure the Duration, or Length, of Sounds, and to find their Intervals and Ratio's.

The Word is form'd of the Greek, By & Sound, and

The Word is Brain to use of the Milking, Sufficient, Sufficient, Marketing, Sufficient, Marketing, Sufficient, Sufficient, Marketing, Marketing

Homours, von your. ECLECTIC, ECLECTICI, a Name given to fome a

FCLECTIC, EGLECTICA, a Name given to tome einer thiolophoes. See Philosoporia.

Diogenet Leartini, J. I. and Suides Sin, that the Eelectic were fuch, as without attaching themselves to any particular Scot, took what they judyd good and fulid from each. And hence their Denomation, which, in the Original Grank, Eguifac, that may be abyon, or

that chufes, of the Verb exige, I chufe.

that challes, of the Verb analyse, I challe.

Letrizia, in the time Place, none, that they were also, for the fame Keston, decommand Analogories, but that the Analogories, and the Chief, of the Chief, was one Festones, of Alexandries, who lived wader Angellus, and Therias and who, weary of doubling of all Things with the Societies and Pyritholisias, form'd the Estellis Scit. 3 which Foliage cells the Estellis.

ECLEGMA, in Medicine, a Perforal Remedy, of the Confiftence of a thick Syrap; called also Loboch, Lindins, and Lambative. See Lonocu, &c.

The Word is form! of the Greek &, and salges, to fick; by Rasion the Patient is to take it by ficking it off the End of a Liquorice Stick dipt therein. To the End that being taken thus by little and finite, it may remain the longer in the Patings, and motifien the Breaft the better.

There are Eclegma's of Poppy, others of Lentils, others of Squille, &c. The Intention is to heal, or eafe the Lungs in Coughs, Peripneumonies, &c. and are usually composed of Oils, incorporated with Syrupe.

ECLIPSE, in Afronomy, a Privation of the Light of one of the Luminaries, by the Interpolition of forme opakes Body, either between it and the Eye, or between it and the Sun. See Sun, Moon, and Sarratura.

The Word is derived from the Greek, sansder of symmetry

the sam was east, and the Greak, Kandele, of Kanara, Gara Wood, Gara Wand, Ga

them.

The Duration of an Eclipfe, is the the Time between
the Innerflow and Energhom.

The Innerflow, or Instalance of an Eclipfe, is the Moment when Part of the Sun or Moon's Dilk fifth begins to

hid. See IMMERSION, The Emerica, or Expurgation, is the Time when the

The Emersion, or Espargation, is the Time when the Eclipsed Luminary begins to re-appear, or emerge out of the Shadow. See Emansion of Eclipses, they quality divide the Disaster of the Luminary Eclipses, into a equal Parts, called Digits, or Digits Eclipses. See Disorts.

cquai rars, tauca Digiti, or Digiti Enliptici. See Diotre. Enliptic, are divided with Refipelt to the Laminuty Enliptici, into Enliptic of the Sun, of the Moon, and of the Sarellites: And with Refipelt to the Groumthances, into Votal Enliptic, Partial, annual, &c. Enliptic.

nato Yadai Ledigee, partial, sammal, &c. Ecliffee Eccipse of the Moon, is a Deficiency of Light in the Moon, occasion'd by a Diametrical Opposition of the Earth between the Sun and Moon. See Moon. The Manner of this Lediffe is exhibited in Tab. Astronom.

Fig. 24. where A represents the Earth, and B or C the

Moon. When all the Light of the Moon is intercepted, i. e. when her whole Disk is covered, the Eclipse is faid to be Total; when only Part, Parisal. When the Loral Eclipse lasts for fome Time, it is faid to be Totalis can Mon. Total with Continuance; when only Instantaneous, Totalis ue More, Total without Continua

for Mere, Tweis without Continuous.
Ediffyi of the Mone, only happen in the Time of full Moon is by Benfun Circ only then the Earth is becween the Moon is by Benfun Circ only then the Earth is becween the Moon is by Benfun Circ only on the Sant, but only in their full Moon, which kappen citle in the Nodes, or wy near schem, where the Appropriate clarks in the Nodes, or wy near schem, where the Appropriate Circ on the Sant Santon, and the Circ of the Moon is school to the Nodes of the Moon in the Circ of the Moon is school to the Moon in the Circ of the

Semi-dimenters of the Sun and Moon, (that wiren leaf, being 5); and this wise greated, faces 5). The crident, Linear Ediffer may have been it a greater Lettines of the condequently are not recent in a greater Lettines of the condequently are as a request as the long Nosloy, and the Earth, than Safer core; (the) with Refrect to the whole Earth, the latter as a request as the Former, Lettines are a request as the Former, Lettines are a request as the Former, Lettines are the Former and the Parket of the Composition, happens in the very Nodes of the Refresh Lettines are Section of the Earth's Safeou, then allign on the Moora, is confidently greater than let Dilt. There may likewise be the Ediffer, which is also the Parket and the Park

be Your Ediffies, within a intre initiation out the Notice's but the further, the lefs their Duration; further off fill, there are only Partial ones, and at length note at all: As the Latitude and the Semi-diameter of the Moon together, e either lefs, equal, or greater than the Semi-dia

3. All Lunar Eclipses are universal, i. s. are visible in all Parts of the Giobe, which have the Moon above their Horizon; and are every where of the Jame Magnitude, and begin and end together.

and origin and end together.

4. In all Lumar Ecifyles, the Eastern Side is what first
Immerges, and also Emerges; for that the' as first she more Westerly than the Earth's Shadow, yet her proper
Motion being switter than the fame, she overtakes and outgoes it.

5. The Moon, even in the Middle of an Eclipia, has smally a faint Appearance of Light; which Gaffendes,

Astronomy of Lunar Eclipsis, or the Method of cal-culating their Tinaes, Places, Magnitudes, and other

cultaing their Yines, Pleans, Magnitudes, and wher Theramenea.

Ye find the Langule of the Earth's footomer. Find the Sample of the Carth's footomer. Find the Sam Dilliane from the Earth for the given Time, See Sees and Dilliane from the Earth, the Langule of the Care will be found from the Earth, the Langule of the Care will be found from the Earth, 485 footom-limenters or the Earth, 301 footom-Samples, a pr. the Saw's gestell Diffuse from the Earth, 4859 Semi-dimenters or the Earth 301 flows Semi-dimenter to be to that of the Earth 301 flows Trow will the Longule of the flatdown Cone to Sawal

Hence, as the Moon's leaft Diffance from the Earth, is fearer 64 Semi-diameters; the Moon, when in Oppetition to the Sun, in or near the Nodes, will full into the Earth's Shadow, tho' the Sun and Moon be in their Apogees. And much more, if they be in or near their Perigeos, by Reation the Shadow is then longer; and the Moon searer the Bafe

of the Cone.

"To find the apparent Semi-diameter of the Parth's
Stadow, in the Place of the Moon's Paffage, for any
given Time. Find the San and Moon's Dilance irom the
Earth; and thence, their Horizontal Parallaxes: Add the
Parallaxes together, and from the Sam, fubilized the apparent Semi-diameter of the Sam. The Remainder is the

SPHERICAL Triangle.

SPHERICAL Trimings.

If determine 1 of an Eccases of the Atomorphism of the State of the Atomorphism of the State of the S Side at O. Lied, it are prevent Frienge, at O., Crey 5-6, having given the Angle at the Node, whole Quantity is the Moom's gestelf. Latitade in the Conjuctions is the right Angle E; and the Leg MO; find the Mood's Dilatone on the Node N O: Which is the enroll Bound, beyond which the Ediffs camour reach. After the Earne Manner, adding the North Varies was also as the street of the State of t

Log. Sin. N 89655337 Sin. MO 82832433 Whole Sine 100

Log of Sine ON 95277096. The Number cor-responding to which in the Tables is 12° 59′ 50″. If, therefore, the Moon's Dilisace from the afcending Node be greater than 12°; so Eclipse can happen. And, in like Manner, the Semi-diameter of the Sharlow in the Semi's

Ricciolm, Kejler, &c. attribute to the Light of the Earth's Perige, and the Moon's Apogec is 45' 90", and the Moon's Atmosphere translation thickness. See Armosphere translation that the Light, She govern facility ships and dimmen, those of \$6' 90'. And, therefore, there will be an Ediffy, if the cere the center workin the Earth's Shadow, which is attributed to the Earth's Possmart As. See Texastran. Moor's Latitude don't exceed \$9' 90'. But here, as before, before the Latitude's found at 94'.

the Argenesse of the Latitude is found to $^{\circ}$ $^{\circ}$ $^{\circ}$ $^{\circ}$ of the state in the Spanning of an Ecliffe, or the Argenesis of the Spanning of the Spanning S

Existing.

Thus, fuppeding K.H., 30' 44", and confequently I.K., 15' 21' 3 A'N, 41' 19", and A.L., 43' 14". The Mone's Somi-diameter will be 15' 21", and that of the Shadow 41' 13', the Sum whereof, is 50' 35". From which the Anch between the Centre 43' 14", being fultrareck, leaves 13 12 Semples, or 80' Seconds. Then as 1844: 80' 12' 12' 3' 4', Dig. or 9 Dig. 15'.

To find the Scruples of half Duration of an Eclipse, or the Arch of the Lanar Orbit, which her Centre de-scribes from the Beginning of the Eclipse to the middle

Add the Semi-diameters of the Shadow AP, and the Moon P N together; the Sum gives A N. From the Square of A N, fulfired the Square of A I; the Remain-der is the Square of I N, the Square Root of this Refidue is the Arch I N required.

is the Arch 18 required.

To find the Secuples of helf Direction of a Testal Directory, in a Start Hillford Section of the Sec

Arch IS is found, as in the last Problem. Ye fast the Regienting, Albeits, and End of a Say, as the Moon's Henry Motion from the Sam, (See HOS. ARY) is to good Houry Socoods; fo are the Second of the Arch L1, $\{P_{ij}, v_{ij}, v_{ij}\}$ to the Henry Socoods equivalent thereas. Solution their Samples, or Socoods, in the first Moon, and add it to the fame in the form and found; Moon, and add it to the fame in the form and found; the Refall is the Times of the modified of the Eddity of

Suppose, e. gr. LI = 4' 5" = 245", 1 N 2530", Time of Full Moon 9" 23' 49", Horary Motion of the Moon from the Sun, 20" 12', or 1812", then will

Log. Hor. D from O 22581581 Log. 3600 Log. L1 59454685

Log. of Time required 26873104; The Number eresponding to which, in the Tables, is 486", or 8' 6'.

1h 12' 31" Duration of Eclipse 2h 25 2 Time of mid. Eclipse 9h 15 31 Half Durat, Substract, 1h 12 31 Begin of Eclipse Time of mid. Eclipse 9h 15 43 Half Durat, added 1h 12 21 Ih 12 31

End of Ecliple

To calculate an Eclips of the Moon,
I. For the given Time of the mean full Moon, compute
the Moon's Dilacce from the Node; to find whether there
be an Ecliffe or not: As taught in the fifth Problem.
2. Compute the Time of the true full Moon, with the

2. Compute the Time of the true full Moon, with the San and Moon's true Place reduced to the Ecliptic.
3. For the Time of the true full Moon, compute the Moon's true Latitude, the Diffusec of each Luminary from the Eatth, with the Horizontal Parallaxes, and apparent

Semi-diameters

4. For the fame Time, find the Sun and Moon's true Horary Motion.
5. Find the apparent Semi-diameter of the Shadow.
And 6. The Arch between the Centres A I, with the Arch L.I.

7. Compute the Scruples of half Duration I.N.
And thence, 8. Determine the Beginning, Middle, and
Find of the Eclistic.

End of the Ediffic.

Leftly, Find the Scruples Ediffed, and throse the Omanity
of the Leftly is at rangels under the preading Problems.

E.gr. Anno. 1988, the mean full Moon fill on the 19th
Day of Softendor, at 3³ 45 4⁴ Afternoon: And then the
Moon Softendor of the Softend we find

9h 23' 49' True full Moon True Place of the Sun 6° 45 Moon's Place in the Ecliptic 6 45 Moon's True Larit, North 43 6 42 47 40 00 Moon's True Land, 1001. 96 IS Apparent Semi-diam. of 16 22 True Home Mot of B from O 7.0 mi-diam, of Shadow 47 12 Arch hermon the Centres 42 14 Scruples of half Duration Scruples Edipfed Duration of Edipfe 26 20 2h 25 Beginning Middle Š'n. 9 15 Ouantity 1 Dig. 13'.

To draw a Type, or Figure of a Lauar Eclipse on a Plane.

To drow a Vije, or Figure of a Lemer Exlife

Lite CD, [Fe] is a Julius. In this case the Carte of the Shadow be in A. That which drow a right Line CA, perpendicular to D.C. And frapprofe D the Ed., C And the Shadow in the Small-dimered of the Shadow A jun and of the Mono at the Ed., C Andrew C Andr

Esitpfe. 7. Then, from A, letting fall a perpendicular A I to ON; the Centre of the Moon will be in I, in the Middle of the Darknefs.

of the Darknefs.

Wherefore, laftly, from I, with the Interval of the Moon's
Semi-diameter, deferibe a Circle H.K.: This will reprefut the Mnon in its greatest Obscarity, and at the fame
Time the Quantity of the Ectiffs: The Circle P.N.T. &c. terminating the Shade. ECLIPSE of the Sun, is an Occultation of the Sun's Body,

ECTIFEE of fee Son, is an Occuration of the Son between the Sun and the Earth. See Sun.
It is difficultied, like that of the Moon, into Total and Partial, See, to which must be added a third Species called Annular.

stilled Ammiler.

Ediffic of the Sun, some Authors chierve, should in 1800 Scraples, or 360 Scraples, to the Disjon Edifficial.

Propriety be called Ediffic of the Earth. See Earth ... "To find the Scraples of half Dunation, or the Line As the Moon is found to have a perlainse of Latitude.

As the Moon is shound to have a perlainse of Latitude.

Ediffic of the Sun only happen when the Latitude of The Method is the same as that deliver'd for Latitude of The Method is the same as that deliver'd for Latitude of The Method is the same as that deliver'd for Latitude of The Method is the same as that deliver'd for Latitude of The Method is the same as that deliver'd for Latitude of The Method is the same as that deliver'd for Latitude of The Method is the same as that deliver'd for Latitude of The Method is the same as that deliver'd for Latitude of The Method is the same as the same as

Muon, viewed from the Sun, is lefs than the Apprenate the Moon, ticsed from the Sun, is left, than the Approximate of the approximation of the Real and Moon of the Real and Moon and Sulfer English, therefore, harpen when the Moon is in Compositions with the Sun, in, or next the Nodes, i.e. of English of the Sun, in the Sun, in the Nodes, i.e. of the Sun and Moon of the Sun and Moon on the Composition of the Sun and Moon on the Opposition was presentanted. See Composeration, Orientrico, Cic.

"The Case New Moon orner the Sun to mothe Earth, was presentanted. See Composeration, Orientrico, Cic.

"The Case New Moon orner the Sun to the Earth, which was presentanted to the Composition of the Moon orner the Sun to the Moon orner the Sun to the Earth, which was presented to the Composition of the Sun and Case and the Composition of Sun and Case and the Composition of Sun and Case and the Composition of Sun and Sun an

finds nor Moon, as largen in halfs Interfections on Notes, every near them, the Moon has on with Laring to the Cura Notes, which was been and the Cura Notes, which is the Cura Notes, and the Shadow is extended that of the San in Africa, and its Shadow is extended that of the Moon's Shadow, hardy teacher the Earth. Laifly, out of the Moon's Shadow, hardy teacher the Earth. Laifly, out of the Moon's Shadow, hardy teacher the Earth. Laifly, out of the Moon's Shadow, hardy teacher the Earth. Laifly, out of the Moon's Shadow, hardy teacher the Earth. Laifly, out of the Moon's Shadow, hardy teacher the Earth. Laifly, out of the Notes, has user them, the Eartiglies are partial, which was the Notes of the Notes, has user them, the Laifly are and the Notes of the Notes

a. Nor does the Ecliffe appear the fame in all Parts of the Earth, where it is fren; but when in one Piace it is Total, in another it is Partial.

or the farm, when it is seen; not wrote in one case it is, if does not hoppen at the finar Fine, is all Places where it is fixes, but appears more early to the Weiters.

J. 12 Beginning is always on the Weitern Side the Sam, and on the firm Side it engine.

J. 12 Beginning is always on the Weitern Side the Sam, and on the firm Side it engine. Moreo's desired Diffs is covered with a faint, deaving Lighty, which is commonly arrached to the Reflection of the Light, from the illumination of the Reflection of the Light, for the illumination of the Reflection of the Lighty is the Same Lighty in the Research Lighty in the Research Lighty is the Research Lighty in the Research Lighty in the Research Lighty is the Research Lighty in the Research Lighty in the Research Lighty is the Research Lighty in the Research Lighty in the Research Lighty is the Research Lighty and the Research Lighty in the Research Lighty is the Research Lighty in the Research Lighty in

Atmosphere. See Aymosphere.

The Affrenousy of Ectivess of the Sun.
The Affrenousy of Ectivess of the Sun.
To determine the Bounds of a Sular Ectiffe.
If the Mosol Parallix were infinfulle, the Bounds of a
Sular Ectiffe would be determined after the fame Manner
as whole of a Lumar: But by Recision here is a femilible
Parallix, we mult alter our Mediters a little, eris.
1, Add the appeared Scindidimeters of the Luminaries

a. Add the appeared Sami-diamoters of the Laminaries both in degrees and Stripges together.

a. Since the Parallax diminifies the Northern Lettrades,
a. Since the Parallax diminifies the Northern Lettrades,
to the former Sam, and the greated Parallax of Latriade,
That, and the parallax discourance the Stochara
Latriade, from the time Count and appeared to the Latriade. Thus, in each C.G.F. will you have the true
Latriade, beyond which there can be no Eulopic.
This Latriade Cruss, etc. M.G.F. will Billiance from the
Nodes, Depond which Eulopic cannot happen, its found, as a
Martine and County Eulopic.

As different Author folion very different Hypothofa, with Regard to the apparent Dimenter of the Limitaries, and the greated Paralles of Latitude, they differ much in stiffge-ing the Bound as which saler Leighth happen. Phology, makes the untual Bound of Edityles at 19° 87, Diffuse from the Node, Copermine, as 19° 87, 57th, as 19° 87, Kapler, at 19° 16°, Receiving, at 19° 47, Tolke, at 19° 17°, Kapler, at 19° 16°, Receiving, at 19° 47°, Tolke, at 19° 18°, Node, meeting 7, Capringin, 10° 37°, Tylke, at 19° 18°, Kapler, 85° 97°, and Ritchins, 15° 98°. As different Authors follow very different Hypotheles, with

Add the spacent Schildeners and the Laminaries into one Sun; From which fabrics Ediffiel.

Latinoto, the Remainder is the Scrupts, or Para the Diameter Ediffiel, the Diameter Ediffiel, Then Schildeners of the Scrupts, or Para the Diameter Ediffiel. Then fix, as the Suns diameter of the Sun is to the Scrupts Ediffiel in the Total Management of the Sun is to the Scrupts of the Diameter Ediffiel.

To determine the Duration of a Salar Ecliffe.

Find the Horary Motion of the Moon from the Sun, for one Hour before the Conjunction, and another Hours after: Then Gay, as the former Horary Motion is to the Sconda in an Hour, fo are the Scruples of half Duration no the Time of Immedien. And as the latter Horary to the Time of Immerfiou: And as the latter Herary Motion is to the fame Seconds, fo are the fame Scruples of half Duration to the Time of Emerfion. Latily, adding or nait Duration to the Time of Emerican; Latity, accords
the Time of Immerican to that of Emerican; the Aggregate is Total Duration.

gate at 10m1 Duration.

To determine the Sider England,

Middle, and End of

The Sider England

From the Moon's Latitude, for the Time of Conjunction

for the Arch Li, (Fig. 5.4), or the Dillance of the general

Obfourly. Then fay, as the Horary Motion of the Moon

from the Sun, before the Conjunction, is so spos Socondo

of an Hours; To is the Dillance of the greated Darkness, as

the laterated of Time between the greated Darkness, as

the Committee.

Subfiss? this interval, in the first and third Quarter of the Anomoly, from the Times of the Conjuction; and in the control general Darkoed, I adily, from the Time of the Great Darkoed, I adily, from the Time of the greated Darkoed, I adily, from the Time of the greated Darkoed, the Difference, in the first Cafe, will be the Beginning; and the Sum, in the first Cafe, will be the Beginning; and the Sum, in the Time of the Cafe of the Sum, in the Time of the Cafe of the Sum, in the Time of the Cafe of the Sum, in the Cafe of t

as the Interval between the Conjunction, and the Indeed, as the Interval between the Conjunction, and the speanet Oblivarity is very finall, and exocotingly precarious; its fearce worth while to be fo very precise; and, ac-cordingly, many Authors use the Time of the apparent Conjunction for that of the greatest Darkness. Indeed

E. gr. in our Cafe,
Time of Conjunction 21h 36' 59"
Time of Louisence 1 2 36 Beginning of Eclipse 20 34 23 Or 8th Morn. 34 23 Time of Conjunction 21 36 59 Time of Emergence 1 5 47 End of Eclipse 22h 42 46 10 Morn. 42 46 Or

Or, if you wou'd determine it with more Accuracy, fub-firsed about two Minutes for the Diffance between the Conjunction feen, and the Time of the greateft Obscurity.

Conjunction from and the Time of the greated Obfourly.

'If find the Mount's spherest Latinut at the Beginning and Earl of an Ediffé.

From the Argument of the Mount's Latinuts, Conjunct
the Carpeter of the Mount's Latinuts, Conjunction of the San, affecting to the Time of Insidence. The
Remainder, is the Argument of Latinude, at the Beginning of the Ediffication of Latinuts, and the San,
Motion antisecting to the Time of Encogence: The
Argument is the Argument of Latinude, at the Begin
of the Ediffic. The Argument Latinude, at the Gard
of the Ediffe. The Argument Latinude, at the San
of the Ediffe. The Argument Latinude, at the San
of the Ediffe. The Argument Latinude, at the San
of the Ediffe. The Argument Latinude, at the San
of the Ediffe. The Argument Latinude, at the San
of the Ediffe. The Argument Latinude, at the San
of the Latinude.

ner, (See LATITUDE.) And from the true Latitude, the

The apparent Latitude of the Moon, as the Beginning and End of a Solar Eclipse, given; to draw a Type of Figure thereof.
This is perform'd, as already taught for Eclipses of

the Mo To calculate an Ectivate of the Saw.

1. Find the mean New Moon, and thence the true one 5 together with the Place of the Luminaries for the apparent Time of the true one.

2. For the apparent Time of the true new Moon, compute the apparent Time of the new Moon observed.

3. For the apparent Time of the new Moon feen, com-

pute the Latitude feen.

4. Thence, determine the Digits Eclipfed.

5. Find the Time of the greatest Darkness, Immersion,

s. Find the 6. Thence determine the Beginning, and Ending of the

Ecisjis.

From the preceding Problems, it is evident, that all the Trouble, and Fatigue of the Calculus, arifes from the Parallaxes of Longitude and Lattinde; without which the Calculation of Solar Eclipsis would be the furne with that of Lunar ones.

ECLIPSES of the Satellites. See SATELLITES of Jupiter.
The chief Circumflances here observed are,

1. That the Satellites of Jupiter undergo two or three Kinds of Eclipfer; whereof, the first are proper, being sich as happen when Jupiter's Body is directly interposed between them and the Sun: These happen almost every Day. Mr. Flangheet and Caffler, give un Tables, wherein their immersions into Jupiter's Shadow, and Emersions again, are compared to Hours and Miratto.

The ad are Occultations, rather than Obscurations : The 1d are Oxultation, arabier than Oblications, where the fine Smillins, coming two out or 19 feptiers Beds, are led in his Light: Which Relected to the seediers Beds, are led in the Light: Which Relected to the seediers Smilline schikters at that Kind de Elight; Mains offered like a Musals, or dark round Sport, transfitting flygisters* Dilt, wide a Motion contrary to that of the Smillin: Light at the Month Shadow predicted on the Earth, will appear The Edifficial of Topister's Martilles fausth the predict Month of finding the Longitude at Star. Thofa, particularly, of the full Smillin, are made from than the Edifficial Charles, of the Monta, and with his paper small desirer. Beinde of the Monta, and with his paper small desirer. Beinde Charles Charles and Charle

ECLIPTIC, Eclipticus, fomething belonging to Eclipfer.

See ECLIFIE.

All new and full Moon are not E-lifterin, i.e. Estingand the property power and full Moon; that there is the
area brighterin, either of the Earth Services the Sun and
Moon, for of the Moon between the Sun and
Moon, for of the Moon between the Sun and
Earth. The
Reafon is, that the learn-position is only as to Longringle,
and not as to Latitude. The Sun is alloways in the Edition
but the Moon is not, if the deviates from it about five
Degree, Remembers on the North Sofe, and Genericuse

Degrees, forestimes on the North Side, and Genetimes on the South. But every first Months, or threatboart, the cust the Ediffert; and 'its only about their Times, that there can be Ediffert in the Carlos one of Sine. He was the Carlos of the North Side of the Moon. See Nowes.

Ectivaries Bounds, or Vierna, Viernamin Edipties; is the Space of about 1s Degrees from the Nodes of the Ediffert; within which, if the Moon be, at the Time of a Combustion or Oppolition with the Son, there my be an observable of the Carlos of the Nodes of the Ediffert; which we do not not consider the Son of the Carlos of the Carlos of the Nodes of the Ediffert of the Nodes of the Nodes of the Ediffert of the Nodes of the Ediffert of the Nodes of the Ediffert of the Nodes of the Nodes of the Ediffert of

the Nodes. See EGLIPSE.

And all the rule of the Year, other on the North of South Southernow. Sor Engineering the Sopher, biffields Southernow. Sor Engineering the Southernow, the Southernow, and the Southernow, the Southernow, and by the Horizone; condequently, the Arch of the Zalipiti, sourcepade became the Bestiman south the Maridain, in a Que, the Constant the Southernow, the Southernow, the Question of the Zalipiti, from the Equator, is an Arch and the Southernow, the Southernow, the Southernow, the Southernow, the Southernow, the Southernow, the Obligating of the Zalipitis, i.e. of the Angale Southernow, the Obligating of the Zalipitis, i.e. of the Angale Southernow, the Southern SPHERE.

Care, for feveral Days fuccedively: From the greatest Altitude observed, substract the Height of the Equator. The Remainder is the greatest Declination in the Solititial

Ricciolus, e. sr. at Boulogue, in the Year 1646, observed the Sun's Meridian Alutude, on the 20th of Jane, to be

be 68° 59′ 55″, on the 21th, 69° c' to″3 and on the 22d, 68° 99 55″. The greatest then was, 69° c' to″3 from which the Height of the Equator 45° 29′ 50″, being fabfirshed, left 32° 30″ for the greatest Declination.

It has been Matter of great Dispute among the late Affronomers, whether the Obliquity of the Ecliptic be

left bei ob or the first general accumination of the Machanomers, whether the Obliquity of the Existing is feld or more than the Obliquity of the Existing is feld or more than the Obliquity of the States and the Obliquity of th

From the tame Observations he should only have made it as as as as shown by Riccialus. And the like over-sight has been sound by Gassendars and Petrisficas in the Observations of Pyrbias; which Mitlakes of Erasolbenes and Pythias were retained by Hipparchus and Pislams; And gave Occasion to the forementional Authors to conclude

and Pfilität were rooms very region about to conclude And give Conclusion to the formermonial carefully.

Yet Monf. It Oberstier to Lurwille, who has conflicted the Merits of the Confe with Infinite Attention, is of another Seminare: The Refait of his Refuseches, he gives us in that the Obligation of the Ediptic dimitsfiles at the Rate of a Minute in 100 Years. The Anteients, we know, had a Merit of the Rate of a Minute in 100 Years. The Anteients, we know that the Obligation of the Ediptic Conference on the Rate of be Acquire to sun's Horizontal Parallax 3', whereas the modern Afronomers fearce make it 10". Thefe two Inaccuracies have a very ill Effect on their Observations; which M. de Louville is oblited to free them of, c're he

which M. & Lunville is obligate to free them of, e're be ean build on them. According to an author Textilities of the Phytrines, According to the English had sensorly been perspecticate to the Engineer. This Notices they were independently on the Engineer. The Notices they were independently on the Engineer of Texts, that the to the firm, that the Engineer can containably approximation to the firm, that the Engineer was containably approximation to the firm, that the Engineer was contained by approximation to the firm of the Engineer of can build on them. Beginning of the Period; making the World and their own Nation to commence together. If M. de Louvilles System be true, in 140000 Years more, the Eeliptic and Equator must coincide and mix in one.

The Eeliptic is divided into twelve Parts, called Signs.

ECLIPTIC, in Geography, &c. is a great Circle of the Globe, cutting the Equator under an Angle of 23° 29'.

Net Gron.

The Terrifried Ecliptic, therefore, is in the Plane of the Calefield Ecliptic; Like which it has its Engineetisal and Sulfitiat Points, and is bounded by Trojects. See Equaton, Soldyttathe, Equinocrial, Taoric, Gr. Equators, Soldyttathe, Equinocrial, Taoric, Gr. ECLOGUE, in Petry, a Kind of peiforal Composition, wherein Shepheris are instudence converting together. See

The Ecloque is properly an Image of the Pattoral Life: Nor do we fee what Finefie it was that determined

Samuszarius to put Fishermen in lieu of Shepherds, who had heen Time out of Mind in Possession of the Ectorus.

had been Tune out of Mind in Postession of the Estigne.

The Beauty of the Estignee, Month Fourtenessis obtieres,
is not attached to Rural Things, but rather to what is
asked and easy in the Country Life. Shepherds being
agreeable Personages, the Poetes abuse them; and provided
they do but talk a little about Reeds, and Herbage, they
conclude on Course this an Estignee.

conclude on Courle us an Eurogae.

There are Eclogues in Theoretics of a lofty Character; and Virgil has some in the fublime Style. The Eclogue, the Course of the style in Voice. Yet M. Fontenelle. and Frigit has force in the fishline Style. The Estigate, therefore, occasionally stills in Voice. Yet M. Forces, therefore, occasionally stills in Voice. Yet M. Forces educates it a Busil in force modern Poets, to have pur-leased to the still of the still of the still of the Roughest, in particular, has made himfelt reliculous, by making the Bloge of Business and Vestable in his first Estigates, by the Shepherd Margor. Such Folia though shave been above the Knowledge of firming Margor.

have ben above the Konsidole of a mile Abraya.

The Sterimens, where Edingue could, the firm has the oblivers, flouid be finer and more delicate than the for eal Stephenis Choly, that Form flouid be a simple or early stephenis Choly, the form flouid be a simple scale to the form of the same bet giring and scatter Oramons.

Since the Edishforment of the Academy, or Affamily Since the Tail Stephenis Choles on the Tail Tail Since the Tail Stephenis Choles on the Tail Tail Since the Tail Stephenis Choles on the Tail Tail Since the Tail Since th

tetition.

The learned Sig. Creferentini, one of the Founders of the Affembly, who had long been Cuftos, i.e. the Prefident intereof, and beer the Name of Alphylikes Carris, has wrote the Laws and Ettabliftment of the Society, with the Names of all who had been admitted thereof, at the End of his Book, entitled, le Relleage de la Valvar

Pagie.

The Word Edigue, is form'd from the Greek seasop,
Chaire. According to the Etymology of the Word, therefore, Edigue floated be no more than a choice Piece; but
Cuttom has determined it to a farther Signification, vis. little, elegant Composition in a simple, natural Style and

Idyll and Eclogue, in their primary Intention, are the fame Thing: Thus, the Idylle, exclasses of Theoriese, are Pieces wrote perfectly in the fame Vein with the Eclogue of Virgil.

But Cufforn has made a Difference between them, But Cailoun has made a Difference between them, and affected the Name Eciogne, to Picces wherein Siepherds are introduced fpraking; *Hopkl*, to those wrote like the *Ecologue*, in a firmple, natural Style, but without any Shep-herds in them. See Invit.

herds in them. See layer.

Some imagine the Name Eelogue, to have been originully attributed to fach Poems, as were wrote in Imitation of others; fuch as the Eelogues of Virgil, which are
only Imitations of Theoretism.

Others are of Opinion, the Word was first form'd from Others are of Opinion, the Word was next form a noun-all dayle, Gost, and asyle, Diffeourfe, q. d. a Convertation or Diffeourfe of Gost, or Gost-herdi. But Fs. Rusens, in his Comments on Virgil, thinks, they would then have made it 'Asystopia, Ægology, rather than Eclogue; or, at least, the Word would have been wrote in Greek by and in Latin by a, not c.

Barthius advances another Opinion, win, that the Name Berthier advances another Opinion, vin, that the Name Edingus, was given an all Forcial Compositions that were of a moderant Logoli, their one foot to give them the Name of a moderant Logoli, their one foot to give them the Name of Head of the Hill Book of this Sprine, and in the Perket to this Form Book, calls this Forms Edingues; she'd be able to call of dear for in the Title. Copylet strenglet, calls allo fait Rylli, Edingues. Add, that Covinte, in his Com-mount on Hennes, calculate to have four the year called Edingues; a which he is feededed by not hand of Edingues; a which he is feededed by not hand cal-

man Mr. Baxter.

Eccepte, is also applied to other Compositions beside those of Poetry.

Thus, we fometimes read of the Eclogues of Diodorus, of Polybius, of Crefius, Theophinafus, Strabo, &c. In which Senfe it only lignifies Extract, or Collection; whence the Name.

ECLOGARIUS, Eclogary, a learned Man, who has made Abundance of Extracts from Authors. Johns Lipfins, the Jefaite Petavins, Volfius, Solden, and Grotius, must have been great Eclogaries. Gg* ECPHRAC- ECPHORA, Projections, in Architectuse, is attailly the Line, or Dillaton, between the Earnemisy of a Member, or Monthing and the Naked of the Column, or other Part is Sune Authors, however, account the Esphare from the Axis of the Column; and define it to be the right Line interceptal between the Axis, and the contrassible Surface of the Column of the RCPIBA of CITACS, is Modificious, field Remodies as have

ECPHRACTICKS, in Medicine, fuch Remedies as have

a Faculty of opening, and unflopping the Veffels, through which the Humours are to pais: Or which incide, and attenuate tough, vifield Humours, and thereby promote their Difcharge. The fame with Appenings and Dz-OBSTRUENTS

The chief fimple Ecphracticks, are the little Centaurenne, Wormwood, Agremony, Hyllop, Chamedris, Bark of Ta-marisk, Roots of Capers, Scolopendrium, &cc.

The Word is form'd from the Greek exposurer, so free from Obstruction ; of an and agrico, abstrue, fepie. ECPIESMA, in Chirurgery, a Kind of Fracture of the Skull, U.c. wherein there are feveral Splinters, that press and diforder the inner Membranes. See Fracture.

The Word is pure Greek, samsapus.

ECTHESIS, in Church History, a Name the Emperor Horaclius gave to a Confession of Faith published by him See FAITH.

The Ecthelis favour'd the Error of the Monothelites : and establish'd only one Will in Jefus Christ. Heracius publish'd it at the Instigation of Ashauastus, Chief of the Jacobites, Cyrus, Patriarch of Alexandria, and Sergins, Patriarch of Configuratinople: But finding that the Roman Church efteem'd it Herwical, he difown'd it, and declared by another Edick, which be forced throughout the East and West, that Sergius was the Author of the Eesthesis.

The Word is Greek, \$23400, and figuifies Exposision ECTHLIPSIS, Elliflow, in Grammar, a Figure wherehy an m is retrench'd, or cut off, at the End of a Word; for the Sake of the Measure of the Verfe. See Figure.

The Word is Greek, and and which fignifies Elifton.
Thus, in multime life, &c. In featuring the Veric, we rep the m, at the End of multime, and only make three Syllables in the two Words.

Some account the Ecshliffs, a Poetical Licence in the Latin Verification: But, in Reality, the Ellifton of an su final, when the following Word, in the fame Veric, begins

with a Vowel, is of Necessity, nor of Licence.

Antiently, the s was likewise retrenched before a Conforant; as facunda fuoque, for facundas, &c. In Effect, the m and i, were peculiarly rough and harfh in the Latin Pronunciation; as appears from Quintilian. And Latin Fromitianon; as appears from Symmuson. And Twas this is die the Poets to eremeth them at the Ends of their Words; as the like Gasfe did the Franch, to drup their e Ferninian before a Word, beginning with a Vowei, and us to avoid a Histus, or Concourfe of Voweith. ECTHYMOSIS, an Meteicine, a websomer Agitation and

Emotions of the Blood; fuch as happens in extraordinary Emotions of Joy.

The Word is form'd of &c. ex, and Mass, Animas,

Mind.

ECTROPIUM, in Medicine, a Diferie of the Eyes, confifting in a Sort of Invertion of the lower Eye-lid, which
difables it from covering its Part of the Eye. See Par-

The Word is Greek, externs

ECTYLOTICKS, Remedies proper to confume, and eat off Callus's, Warrs, and other Excrefeences, form'd on the Flesh. See Callus, Se.

The Word is form'd of is and ma@, Callus.

The word is seem of we and two y corner.

ECTYPE, ECTYPUS, among Medallifts, an Impecifion of a Scal, Ring, or Medall, or a figured Copy of an Infeription, or other ancient Monument.

In the Books of Travels, we find Abundance of Ellypes of antient Inferiptions, of the Trajan Column, of Columns.

The Word is Greek aggrouns, is the Original, or Model, errore, the Copy, or Image, moulded or truck in Grenz: And Σαναν, Εξίγβου, the Image in relieve, or embofs'd.

See Type. the French Crown. Sor CROWN. ECUSSON, in Heraldry, an lucicurcheon, or little Ef-tcheon. See Escurchion.

cuthens. See Essenvension.

EDDISH, or BADISH, is the latter Parlare, or Grafa, that come after moving, or enapling and is otherwise called that come after moving, or enapling and is otherwise called BaDIA, in Nation Hilbert, is when the Weiter, at any Place, rans back, constray to the Title, or Sterium, and for falls into the Current again.

The Sea-man call that Eddy-Water which falls back as it were, on the Rudber of a Silly mader Sail, the Dand as it were, on the Rudber of a Silly mader Sail, the Dand

Water. An Eddy Wind, is that which returns, or is heat back from any Sail, Sc. EDGINGS, in Gardening, Rows of Shrubs, or Plants.

placed by Way of Borders, around Beds, Compartiments, &c.
For the Lagings of Compartiments, Box feems the mody
proper. But they are frequently made of Aromatic Plants,
as Sage, Swort Marjoram, Thyme, Lavender, Hysfop, &c.

as Saige, Sweet authoram, I Hyme, Lavenout, stynony, Cr. EDHILING, Edbilingus, an ancient Name of the No-bleffe among the Angle-Savoni.

The Savon Nation, favs Nithand, Hift, L. IV. is divided into three Orders, or Claffes of People; the Edilingi, the Frilingi, and the Lawai. Which fignifie the Nobility, the Warman and the Vaffilia or Slaves.

the Prilings, and the Lenner: Which figulite the Normity, the Fremen, and the Vaililo or Slaves. Instead of Editing, we founctions meet with Adeling; which Appellation is likewise given to the King's Son, and the pre'umptive Helt of the Grown.

EDICT', an Instrument Bigod and feat'd by a Prince, to ferve as a Law to his Subjects. See Law.

Esiels have no Room in England, where the enacting

of Laws is not ledged in the King, but in the Pallament, in the Roman Law, we find irequent mention of the East of the Prator, quad Prator edsvir, which was a Phanale conferrated to the Ordinances of the Prator; tho it was ufed on other Occasions. See PRETOR.

in the French Law, Edick, Edits, make a great Figure:
They are of various Kinds; fome importing a new Law,
or Regulation, as the Edil of Duels, of fecond Marriages,
Se. Others the Erection of new Offices, Effablishments of Duties, Rents, Ge. Sometimes Articles of Pacification, as the Esill of Nanta, &c.

Esills are all feal d with green Wax, to flow that

as the cross and fault with general Eddin servant and fault with general Eddin servant and invended.

Eddin servant and invended the fame as Preclamations that the former hash fadly the Authority of a Law in it fell, from the Power of the Authority of a Law in the first the Power of a Law, to which it rivers, and hash no Power in it fell, RIDIFICE, a Findling. See Building.

The Word is form of of the Lettin, Albeit, Eddle, EDILE, or AEDILE, BADILIS, in Antiquity, a Roman Officer, whose Fundition came near to that of our Mayors. The Albeits had the Care and Superintendence of public and private Baildings, of Baths, Aquardéds, Roads, Briedges, Cucleways, Ge. The Weights, and Moalures,

Bridger, Grateways, Gr. The Weights, and Mealures, were likewife under their Direction. They fix'd the Rates of Provisions, and took Care the Poople were not excited on therein. The Injury and Cogni-zance of Debauches, and Diforders in public Houses, like-wife belongfd to them: They were to revise Connection

wife belength to brems. They were to revite Genedicis a and it belength to whem to trust the People with grand Gennes and Syccliscies at their own Raymon. General Syccliscies at their own Raymon. Generally, belong the state of the Raymon Generally, belong the first to the Little of the Raymon Generally, belong at first to the Little of the Raymon Generally, the Control of the Control of the Raymon General Systems of the Raymon General Systems of the Raymon General Systems of the Raymon General General Systems of the Raymon General Gener with the Maltiplicity of Affiting, demanded of the Smatt to have Officers, whereon they might dishage themselves of Affirs of the Imperimency and, accordingly, we Efficie were created. And hence it was, then the Efficie Efficiency and the Company of the Company of the Thèmes. See Thansast at the fame Affirchly as the Thèmes. See Thansast affirm the Affirst Markov of the Best their Pheleira Efficie, having printed, on a figure Occasion, to treat the People with Sixway as placing rhemselves unable to tripper the Experiment thereof a The Patriciarus made an Office to do it, provided they would admit them to the Houseaux of the Efficiency.

On this Occasion, there were two new Ediles created, of the Number of the Parricians, in the Year of Rome 388. the Number of the Patricians, in the Years of Romu (Sc. They were clied Relief Cornells, or Majores, as having a right to fit on a Currale Chair, enrich'd with freet, when a right to fit on a Currale Chair, enrich'd with freet, when fit on Breches. See Currant the Patricians Eliste, only Beddet that the Currale Editor Burd all the ordinary, Facilities with the Patricians, their chief Employ was, to procour the Celebration of the grand Rossas Games, to Patricians and Connection Serves of Gladuters, US. to the Patricians of Connection Serves of Gladuters, US.

the Proper.

To cale their four first Ediles, Cefer created a new Kind, casted Ediles Cereales, as being deputed chiefly to take Care of Corns, which were called Dana Cerevii; for the Heathers benoun'd Every as the Goddes who presided over Corn, and attributed to her the Isronion of Agriculture. These Ediles Cereales, were also taken out of the Order of Patricians

In the Municipal Cities there were Ediles, with the ome Authority as at Roses

The Word is form'd of Abes, on Account of their having the Carc of Temples, House, &c.

EDITOR, in the Common-wealth of Learning, a Person who takes the Care of publishing the Work of snother Author; Author; afually, of an antient Author: For Edeter Is neither properly applied to a working Printer, not to an Author who prints his now Works. Exefines, was a mighty Eliser of antient Writings. The Zennin Dolven, Scalinger, Perseving, Fa. Strangen, Billion Walton, Mr. Hebrn, &c. are learned Elisers.

EDIUCATION, the Are of bringing up, forming, and

infructing Children.

Emble Challen and the stronging up a name, assumed that the full like of a non-distance Ratestrian, are well expected in that Devilé of an Ape, which by one carefing and hanging in young one, funging them, with the Monse. Official Ferrains, has a very good Lasin Tacutic on the Sobject of Education, mithod Clience in Name of the Sobject of Education, the Control of the Sobject of Education, the Name of the Sobject of Education, the Name of the Sobject of Education, is known to revery Book, Sophistillies employs the found Capture of its first Book, in capating whether a Domeshi, or a to bridge up one Children at Henn, e on first dress no the Calboys, and public Schools. After urging all that can be field on calefor Solic, be considered for Solic the consideration of the Calboys, and public Schools. After urging all that can be field on calefor Solic, be considered for Solic the consideration of the Solic terrains of the Solic terrains

EDULCORATION, in Pharmacy, is the dukifying, or fivertening of any Remedy, by Means of Sugar, or Syrups. See Dulcipying.

Syraps. See DULCIFYING.
EDULCORATION, in Chymithry, is the forestening, or parging any Thing of its Salts, &c., by repeared Locions, or Washings in cold Water: E. gr. the feering of Precipitates of Mercary, Math. U.e. of the sharp Salts by Means whereof they had been dissolved; or which had been mingled with them, no effect a Diffusionton. See

EFFARE, or EFFRAYE, in Heraldry, a Term ap-plied to a Beaft, when rearing on its hind Logs, as if it were affrighted.

EFFECT, the Refult, or Confequence, of the Applica-EFFECT, the Retuit, or Contequence, or the Applica-tion of a Caufe, or Agent, on fome Subject. See Cause.
"Tis one of the great Axioms of Philosophy, that Effective plents, whole or adequate Effects, are always proportionable to the Powers of their Caufes.

The Term is also of fornewhat further Import in the Arts: The Term is also of somewhat further Import in the Arts: As when we fary, in Paining and Architechure, that fach a Controll, or isch a Dropery, or such as Artitude, have a fire, or an ill Effect, i.e. are beautiful, or noble, U.C. Too many Breaks, and little Enrichments in a Building, have a priful Effect, i.e. age we is a mean Afford. Java a priful Effect, i.e. age we is a mean Afford. Land the Manage, Effect is applied to the Motions of the Hand, which direct the Horic.

Hand, which direct the Horfe.

They diftinguish four Effects of the Hand, viz. in using the Bridle to put a Horfe forwards, draw him backwards, and shifting it out of the right Hand into the

left, or vice verfa.

left, or eine verfå.

EFFECT, in Commerce, & are the Goods poffetid by any Perfon, whether mouvable or immoveable: particularly their which Merchans and Doulers, acquire by the control of the control o

EFFECTIONS, in Geometry, the Geometrical Conftru-

EFFECTIONS, in Geometry, the Geometrical Confu-ctions of Propolisions. Sec Constructions.

The Term is also used in Reference to Problems and The Term is also used in Reference to Problems and Particles, which when they are described in consequently and the problems of the Confuction of the Constructed Epithiess thereto belonging. EFFERENCENCE, is propalarly used for a light Epublism, or a fireign interfine Marion, produced in a Luquen, by of the Part. See Ensur's versions any matches

Liquer, by the first Addine of Heat, wishout any northe Separation of its Paras. See Eventurial Experimenta-but a Liquer must be handed not highe Hernofester. Explored the Heat of the Heat of the Heat of the explored to any Emblicience, of Mostern produced by Firs-ton and the Heat of the Heat of the Heat of the Heat Scale and the Heat of the Heat of the Heat of the Adds mind with Allaise, e. gr. Coll of Tartes, and Collection delines Hernofester more Citerationally, no be a Videor Explaint on the Alies, and the Perus of the Par-ticles and with the Heat of the Following the Heat of the Heat of the Heat of the Heat of the Following the Heat of t

fest'd by Air. In Order for Efferoescence to take Place, the Particles in Order to Engineeric the take Place, not Particular of the latter Body sould be Imposed conformable, both in Bulk and Figure, to the Pores of the other; fo as they may exter, and fill the fame, like Wedges 2 And betiefe, a flung Degree of Attraction between the Particles of the two Bodkes, ftronger than the Attraction, or Force of

Cohesion, between the Particles of either of the Rodies sione. See ATTRACTION

See ATTAGETON.

Hence it fhould feem, that Effertuefence only differs from Fermentation, in the Degree of Explosion; which in Effertuefences, by Reafon of the greater than in Fermendon of the Acid and Alkali, is greater than in Fermen-

Efferteljeneth, Ser Recount on the gloose varye and area-tations. See Fastanty-arrons.

Of Efferteljeneth, force are left, and others old. Of General Confession and the second of the con-lates and the confession of the confession of the con-lates with and the confession, with yellow, for the confession of the confession of the con-tact and thierain, care, with Lemon, or Orang Jaire, and the confession of the confession of the con-fession of the confession of the confession of the Andre Land Seeding of the confession of the con-tact and the confession of the confession of the Andre Land Seeding of the confession of the con-pensation, and speaker, produce fast a velocent flexi-tion and they be mixed Floor by Dron, they are agree to Or the conterns. Silves-flines help diffusion for the Or the conterns. Silves-flines help diffusion for the Or the conterns. Silves-flines help diffusion for the Or the conterns. Silves-flines help diffusion for the

Durit forth into runne, and break the Viau.

On the contrary, Silver-filings being diffolved in Spirit
of Nire, produce a cold Effervefance, which, inflead of
Heating, cools the Glafs, so as to reader it painful to

Heating, cools the Glafs, so as to render it paints to the Senie of feeling.

This different Effect is afcribed to this, that in the former Case, the mix'd Bodies, one or both of them, abound with Sulphur plat not in the latter. Not but some attribute the Heat, ufual in Efferve fewers, not but form Friction, and Collifion of the Particles against each other. Powderd Coral, mird with distill'd Vinegar, produces a cold Efferogleme, which the fame Philosophers account for hence, that the Pores of the Coral being very great, it may be easily distolved in the acid Spirit, without any great Priction, or Collifion of the Parts, fach as would be needlay to generate any confiderate Heat.

An Effertueere may also be produced by the Mixture EFFICACIOUS EFFECTUAL in Theology Within EFFICACIOUS, EFFECTUAL, in Thousage, Within thefe 150 Krast there have been very great Diliputes on the basheed of Iffications Grace. Grace is usually divided into faithcire and Ifficacious, the the Jonephilis hold, that there is no Grace fufficient, but what is Ifficacious, i.e. but what cfiftchally determines the Will to 24. See

Sufficient Supplicient.

Effections Grace, is defined to be that which enlightens
the Mind, and touches the Heart, in fuch Manner, as always to produce its Effect, bowever it be opposed, or
refished by the Will. See Grace.

neithed by the Will. So: Gas.c...

Some Division multium that Highesteinst Green is Highesteins of the life. Efficients Green of in High. is there be any find Thing, in that which predomine in Highly entropy of the Thing, in that which predomine in Highly entropy of the Highly entropy of the Highly entropy of the Highly entropy. Colvin, is the first that ever what the Term Great's Highly or H. Care is the Highly entropy. Green Highly entropy in the Highly entropy of the Highly en

fulficient Grose, popus water a some fulficient Grose, popus water and Popis Way of conceiving the Newtonian and Popis Way of conceiving the Newtonian Grate, it to hold that this Grose control of the Newtonian Control of

Content thereto.

Fa. Malebranch maintains, that the mutual Commerce
Fa. Malebranch maintains, that the mutual Commerce
between Soul and Body, i. e. Life, has no other Vinculum,
or Principle, but the Efficacy of God's Decrees: That
fecond Caufes have no proper Efficacy, Co. See Sacond

EFFICIENT, in Philosophy. An Efficient Confe is that which produces an Effect. See Caves and EFFECT. Philosophers studyl differential four Kinds of Caufes in Nature: The Efficient, a final, a formal, and a material. See each under in proper Article.

The School Philosophers are execucinely divided as to the Nature and Efficient Caufe.

the Name and Efficies of an Efficient Guide.
Artificial clinica an Efficient to be 14 under hor from
artificial. On, the plot transfer of the best of the second artificial to the plot transfer of Charles and Secondary
model, that from which; as the End of faul Count, is
that perce, good, for which; the Examples, of any,
that proper, good, for which; the Examples, of any,
that the transfer of the property of the

rank'd among the filme.

Laft, other define an Efficient to be a Carle, a que aliud protaceurs, from which formething is produced; a Confequently, what strifes from this beauty, it called an Fifted: And that say of the Fifted and the World to Effect of God. To which Definition of an Efficient, dailed in the former Definitions are

mutuot on agenetis, an tree office Learness and A. Efficient Caule from 1; to the Phyllod, as the sin the Fifteent Caule of Heat y or Mirral, as an Advite is the Fifteent Caule of a Marker to P Chirospia, which is wedness to the Caule of a Marker to P Chirospia, which is wellowed to the Caule of a Marker to P Chirospia, which produces an Effect Dr. Universite, which produces an Effect Dr. Universite, which produces as There's Dr. Universite, which produces a Marker and Hotel Spain a Dr. Karzeri, which ado not only without Process, in Copyrighton to Artificial, but also from within, and according to its own beclimation, in Opportions to a Dog enting; to Producery and free a Springer Caule, and the Caule, and opportunity of the Caule, and opportuni

Bit the molt colclesion Division of Efficients, is that import and former, set, between which and the Efficient is form necessary Commission. Or which Kind there is now het God down; from which is Hiller Edward and which the Ceregons call of the Hiller In Gardenware of the Will, or Conditations of the Censure, and which the Ceregons call of the Efficient Conference of The Will, or Conditations of the Censure, and which the Ceregons call of the Hiller Censure, and which the Ceregons call of the Censure, and which the Censure and which the Censure and which the Censure and which the Censure is the Censure of the Censure and which the Censure is the Censure of the Censure is the Censure of the Censure is the Censure of the Censure is the Censure in Censure in Montana and the Censure is the Censure in Censu

only reful: from the first Caufe: It being an allowed's Principle, that Body of it fell is noter and middles. The treatment of the control of the control of the con-trol of the control of the control of the control to the chird Caufe of Motons p for there is no necessary Connection between the Will, a gr. of an Angel, and have Connection between the Will, a gr. of an Angel, and have control of the Will of the Angel, and the Moton of the control of Will of the Angel, and the Moton et al. It was better will of the Angel, and the Moton et al. It was the reby Kesfon God has conflicted fisch a Law between the Will of the Angel, and the Motion of the Stones: And thus, we move our Handa when we placed. Not that the Soul is the synthesis when we placed. Not that the God is the Stones of the Stones of the Constant Offices have a different Notion of first and fecond Cardes. A pth Cardy, if p_1 they, is that which is independent or every other, as God alone. A fecond Cardy is that depend-ing on times other, as every Gentzmen.

ENVICIENTS, in Arithmetic, the Numbers given for an Operation of Multiplication, called also Factors. See Factors.

The Efficients are the Multiplicand and Multiplyer.

Sec MULTIPLICATION. EFFIGY, EFFIGIES, a Portrait, Figure, or Representa-tion of a Person to the Life. Kings are shown in Figure in their State Beds.

in their State Bods.

Expracy, leads fact for the Point or Impredince of a Expracy, lead to Frace! Each at the Break State of Trace! Each at the Break State of The Acceptance of the English State of Each at English, is the Execution, or Degudation of a condemn'd, consensations Criminal, who cannot be apprehended, or factal. In France they have a fact of the Each at the Commission of the Each at the Commission of Dough that are executed to the Commission of Condemnations of Dough that are executed to the Commission of Condemnations of Dough that are executed to the Commission of the Commission of Condemnations of Dough that are executed to the Commission of the Commissio

EFFLORESCENCE, a becaking out of force Humours in the Skin; as in the Measles, and the like. See

EXANTREMA

EFFLUVIUM, a Flux, or Exhalation of minute Par-ticles from any Body: Or an Emanation of fubtle Cor-

EFF

Dignity - The History being the Physically aditive Pres policia, from a mix'd, furthic Body, by a Kind of Motion (the June 1) and the East only ading objectively.

Others of the Sookonden data History to be Prints.—That there are the Afflerica, continually mixed from the International Processing of the History of t

meany nowing from the time. Odeoffenous Bodies, every Body knows, are continually emirting fublicantial Efflowing by Means whereof it is, that they excite in us the Senfe of Smelling. These minute Efflowed are sometimes perceived by the Eye, in Fumes and Vapours. See Santalino.

and Vapours. See SMELLING.

The School Philosophers hold these Effluvia to be intentional Qualities, as they call them, and nothing subtantial; but the Moderns laugh at the Notion, as finding that these Effluvia retirch and nourish both the Animal

and Vital Spirits,

and vital Spirits.

Some Bodies are found to emit Efflevia for a great
Number of Years, without any confiderable Lofs, either
as to Bulk or Weight; as Magnets, Ekchrical Bodies,
Ambers, divers odorous Bodies, Ge. The Tenuity of
whole emanant Corpulcies is incredible: Not but that waose emanant Corpucles is incredible: Not but that the Lofs they fuffain by the continual Emifion of Efflower, may be made up to them by the Reception of other families Efflowing of the fame Kinds of Bodies, difford they the Air.

thro' the Air.

"It's added, that thefe Effisivis are emitted in Manner of Radii, Rays, in Orders, and that the Circumference or Bound of the Activity of the Radiation, exhibits the fame Figure as is that of the Radiaton, exhibits the fame Figure as is that of the Radiaton, This the Altronomers fusicisticity prove, from the Ratio of the Refusition of the Atmosphere. For the Law of the Emission of these Effisions.

See QUALITY.

See Qu'attrir.
That Effence may conditrably openie spen, and have
That Effence modes within the higher of the factvire, is proved by Mr. Beyis, in an expect Treatife on
the shohiting of Effencie, where the flows, I. Tale
Number of Corputales, emitted by Wily of Effence, it
Number of Corputales, emitted by Wily of Effence, it
Number of Corputales, emitted by Wily of Effence, it
Number of Corputales, and in all
Manner of Diccilions. 4. That there is frequency a very
sead-affail Congruey, or incomprise, in the Bills mad Shipse
usual-fail Congruey, or incomprise in the Bills mad Shipse

Manner of Dincitions. 4. That there is frequency a vary wanderful Congruency, en Loncourty in the Black and Shiper and Control of the Black and Shiper and Control of the C S-gacity of Block-bounds, &c. See Divisinity.

EFFUSION, the Pouring out of any liquid Thing with fome Degree of Force.

In the antient Heathen Sacrifices, there were divers Effu-forts of Wine, and other Liquors; called Libations. See LIBATIO

Lisation.

When Princes conclude a Treaty of Peace, they ufusily pretend 'tis to prevent the Effision of Christian Blood. Errestrons, or Founts, Apparaise, in Affronomy, is that Part of the Sign Aguarius, represented on celebial Giobea and Planishberts, by the Water illuing out of the Urn of the Water-Bearer. See Aguarius.

the Water-Beser. See Aquarius. EGG, in Natural History, a Part form'd in the Females EGG, in Natural History, a Part form'd in the Females of cerein Animals; which, under a Shell, or Correct and the Part of the final Species; the Parts wherein at after Parts, of the final Parts of the Parts wherein at Parts of the Parts wherein at Parts of the Part wherein the Fig. 7 The Species of Animals that produce Egg, are purcularly demonstrated Originators; and the Part wherein the Egg is formed, the Google, See Clearar and Oryganous.

Of the various Kinds of Fort, those of Hens, or Pullets

Of the various Kinds of Figgs, their of Huns, or Paden, being the multi attitus, and which have been the multi-deferred; see that five formershare of the Struchner thement, and the Cameration of the Chick chemic, and the Cameration of the Chick chemic, and the Cameration of the Chick chemic, and the Cameration of the Cameration of the Cameration of the Paris, and defending those from Inspiration, intendisting under the higher End, where a little Cavity is the Enwerth end. Cavity of the Skell, adhering pravip clothy to it, except at the higher End, where a little Cavity is the Enwerth end, control of two difficulties, and the control of the Cameration of the Skell, adhering pravip clothy to it, except at the higher End, where a little Cavity is the Enwerth end, control of two difficulties, in the model of the inner White, in the Printlem, or 10th included likewith, in its figures the commondated to the Figure of the Skell. The little is fighted, and of a more exist, and vided Schollmer; and of the films Figure. See Accustance and YELF

Yalk.

At each End is a Chalanna, or Treddle, which are, as it were, the Poles of this Microsofus: Thefe are white, denfe Bodies, confiling each of three little Globales like Hall connoted together: In these not only the several Membranes are connocked, or knit together; by which Means

Membrane are consciled, or hait together; by which Mems-he fevent Lidouser are keep in their proper Place and Patient to each other; but they freve after to keep one and which Wey it will. See Crana. Lamb. It is the Egg be turned which Wey it will. See Crana. Lamb. Allower the Middle, between the Chalesma, on the Solie Allower the Middle, between the Chalesma, on the Solie on the Middle, and the Chalesma, on the Solie on hiddler, are miles a Virnière Level, a relief it the Gio-prantie, and by four the Eye of the Eye, In this Verlie is constituted. The Homeson, in, x-y| of which the Chick is ge-tomatic a Humone, in, x-y| of which the Chick is ge-

See CICATRICULA nerated. See CICATARIOLA.
All these Parts of a Puller's Egg, are found in all other
Eggs to which the Definition of an Egg properly and
sincelly agrees. Such Egg being that, of a Part whereof the
Animal is form'd, the refl firving for its Tood. Accordingly, the sind Seed, or Stamen of the Chick, is in the

Cicatricula.

The Alloware is the Nutritious Juice, whereof it is dithended and nourified till it become big; and the Yolk
thended and nourified it is the transport of the transport
after it is hatched. For, a good Part of the Yolk remains
after it is hatched. For, a good Part of the Yolk remains
after Exclusion; being received into the Chicken's Bellay, as a
5 store-bond, and conveyed thence by the Appendix of
pullula Intelligentiti, as by a Funnel, into the Gurs, ferring
initiated of Mills. See Incurations, and Peruceus

Salesia.

An Egg, improperly & call'd, is that of the whole
whereof the Animal is formed; fach are the Egg of
Fles, Breutenke, E.C. which Anythree Call Permissia.

The Two have this further Difference, that whereas the
External Nationary, or any Thing but Wisselfs and lecolatrice, to bring the Feens to Ferfelbes: The latter,
start they are fallow and to the Ourse promise the National Justice of the Uness to differed and enlarge
then year fallow yearning much league in the Uness.

than the other. The principal Differences among Eggs, properly so call'd, are, that some are perfect, i.e. have all the Parrs above celetribed, while in the Ovary, or Uterus And others, Imperfect, as not having all those Parrs till after they are exercted or laid, such are the Eggs of Fishes, which after they are brought sorth, assume an Albanuse to themselves they are brought sorth, assume an Albanuse to themselves

from the Water

from the Ware.

Another Difference is, that fome are faccandated, and others not: The fifth are thofe which contain a Sperm, injected by Cointee of the Mois, or differed there for comprises. The reft, not improputed with this Sperm, severage of the containing the Realismess of the Chick, or the reft of the Control of the Control of the Control of the Control of the Chick of conflit of hine white Zinet, of I needs, which the Warmin of inture Incubation enlarges, by ratifying and liquifying the Matter field of the Albaman, and then of the Pritelling and prefing them into the Vielles of the Genericals, for a further Perparation, Digittion, Affamianton, and Accertion; till the Chick, too big for its Coverels, betake the Shell, and is deliver'd.

and is deliver a. Twas attently thought that none but Birds and Fifhes, with fome other Animals, were produced, ab Owe, from F. Eggs; but the Generality of the Moderns incline to think, that all Animals, even Man himfelf, are generated the flame Way. Hervey, Granf, Kerchvingun, and feveral other great Anionniths, have fo firenoually afferred this Opinion, that it now generally obtains.

In the Teffes of Women, are found little Veficles, about the Size of green Peas, which are accounted as Figs? As which Rasfon, their Parts, which the Amterns call? Teffelses, the Moderns call Osseries. Their Figs?, frecondited by the most volatile and furtitions Part of the Seed of the Male, are detach'd from the Orsety, and full down the Fillepian Tabes into the Chrests, where they grow and increase. See Conception and Generation.

This Syliem is countenanced and confirm'd by Abun-dance of Observations and Experiments. Mont. de s.

This System is constrained and confirml by Ahm-Martine; posterious and Amperiums. Most & S. Martine, towards and Amperiums. Solid & S. Martine, and Martine; the Bad of System, from the of a benth of Graps, and of arises Sixes, from the of a Benth of Graps, and of arises Sixes, from the of a Benth of Graps, and of arises Sixes, from the office of the Martine; and Martine; and Martine; the Mart of Silk

of Silk.

**Biometria, in a Letter to Zaingerra, published in the Dishmarches of the Cariol Nature, 'Dr. I.I. Ac., O. G. Biometria, 'Dr. I.I. Ac., C. G. Biometria, 'Dr. I.I. Ac., 'Dr. III. 'Dr. I makes no Schuple to lettle it as his Opinion, that the only Difference between Animals, called Outparous, and those denominated Viesporous, conflits in this; that the former denominated Vietformal, conflits in this; that the former caffs their Egg out of the Body, and lay them in Nefts; and that their Egg contain all the Nourishment requires for the Fraig, or Fectus: Whereas in the latter, the Eggs are only layd from the Ovary into the Uterus; that they have but little Juice; and that the Mother furnishes reft.

There is not fo much as a Plant, whose Generation, ac-cording to the Sentiment of Empedocles, and fince him of Malpygbi, Rallius, Fabric. ab Aquapendente, Green, and others, is not effected by the Way of Eggt. See Plant, U.G.

Notion on Enterth. C. 41. Frame, Paulin et Angeliele, S. L.
Ber dais in sor et al. I. Natural Hillery bloands with infinance of Males, and even Mer critiqu out Eggt by the Fundament. The Thing will look food for an English Reading,
that we might be entforted, were we to relies the various
tent of the entforted, were we to relies the various
tent ear felves on order the Reader, who has Contribution of the Way, so the Authorn and Places where he may
may that them by the Centif Paulin Copyright, Contribution of the with Derifion.

with Diffmon.
Gouffer, de Caufit Lingua Hebraica, explodes the modern Syftem of Generation ab Ovo, as contrary to Scripture:
And others imagine they have feen the Animal alive, and
form'd in the Seed of the Male. See Animal cutt's and Saed.

norm of in the Seed of the Male, See ANIMACULT and SAID, Malipith, has rande very curious Obfervations with the Milicrofcope, of all the Changes that happen in the Egg, every hait Hour of Incubation. Foffini, and divers other Authors, are very follicitous about fetting the Queftion, which was form of fifth, the Egg or the Pullet, de Idolos, L. III. C.78. H h *

In Fayps, they hatch their Fogs by the Heat of a Fur nace, or Oven; and frequently have feven or eight Thousand Chickens come forth at a Time. An Account of the Me-thod hereof we have in the Philosoph. Transati. See

HATCHING.

HATCHING.

At Tunquiu, they are faid to keep Eggs entire for the Space of three Years, by covering them up in a Pall made of Afthe and Brine. The Terrotic is faid to hy no lefs than fifteen Hundred Eggs, which the covers in the Sand, and teaves the San to hatch them; and the Eggs of the Ottrich are hatch'd after the fame Manner. Willeugh. Ornarbol.

L. II. C. S. & T.

In the Affa Ernsit. Lift. An. 1683. p. 221. mention is
made of a Hen's Egg, in all Respects like the common
Ones, in the middle whereof was found another, of the

Ones, in the musuae wacroot was tound anomer, or too Size of a Pigeon's Egg. See Greffer Affilm. Eggs with double Shells, are no nonfaul Phancourson. Horovy is very large on the Rationals of the Appear-ance, in his Treattle de Generation. Animal. Among the Anterent, the Fgg was the Symbol of the World; it being a Tradition among them, that the World was made of

gg: Whence £ggs became of fingular Veneration, in the terifices of Cybele, the Mother of the Gods. Some of their Deities were likewife form'd of £ggs. See OGLOGY

Sec October

Eco, in Architecture, an Ornament in that Form, cut in
the Echinas, or Quarter-round, of the Invite and Compfighte
Capitals. The Profile, or Controval of the Echinas, is enrich'd with Egg; and Anchors, alternately placed. See
Ecntruse, Ovoca, &c.

Ecntruse, Ovoca, &c.

Geover-Eco, is a Name fome Authors give to a Kind of

Econor-L, frequently found in the Scomach of that Besti.

See BERGARI

EGIS, or ÆGIS, in the antient Mythology, the Shield, or Buckler of Justiter and Pallas. The Goat Amaltine, which had fuckled Justicer, being dead; that God covered his Buckler with the Skin thereof:

dend; that God coverd his backier with the okin increos whence the Appellation Agis, from ang, asys, Sto-Gost.

Justice, alterwards refloring the Beat to Life again, coverd it with a new Skin, and placed it among the Stars. As to his Backler, he made a Prefent of it to Minerous whence that Goddefit's Backler is also called Agis, in

whence that Goddes's Backier is also called Ægis, in Virgit, Æwisé L. VIII. v. 345, and 435, and other Authors. Williamerus, having kill'd the Gorgon Madaja, nailed her Head in the Middle of the Ægis, which benedorth had the Faculty of countring into Sione all those who look'd bervon; as Madaja her felf had done during her Life.

thereons, as altestals her left had done during her Life. See Hauter, Hind. L. V.

See Hauter, Hind. L. V.

Berlin, M. L. W.

Berlin, M. L. W.

Berlin, M. L. W.

Berlin, M. L. W.

Berlin, M. L.

Berlin, M. L

Egida concuteres dextra.

agreeing very well to a Buckler, but not at all to a Cniraft, or Breaft-Plan. Servins makes the fame Distinction on the two Passages

Servisis makes the fame Difficition on the two Pausges of Virgil's for in v. 354, he takes the Ægi for the Backlet of Ynpiter, made as abovementioned of the State handless: And in Verie 435, he definite the Ægi as the Amour which cover the Beasilis and which in freaking of Mon is called Carrieft, and Ægi is the Amour which are facilities of the Goods. About according to the Carriedoled these Diffinitions for Wann of going up to the particulated these Diffinitions for Wann of going up to the

Source: CFTIANS, in our Sustana, a connerfeir Kind of ROCA, who, being English on Weiß Prough, editplic heart-filter in uncouch the first in subcaver, coming Language, and framing to thenfelve an unknown, coming Language, wander up and down a and under Pretence for telling Formack, curing Dieferts, Eds. John the common flower, tricking them of their Monory, and fitting all that is not too who were all gratter for them.

too hot, or to many or mem.

See feweral Statutes made against them; An. 18 2

Phil. & Mar. Ch. 11. 5 Elic. &c.

The Origin of this Tribe of Vagabonds called Egyptians,

and popularly Gypflet, is fomewhat obfcure; at leaft, the Reason of the Denomination is so. Tis certain, the autient Reafon of the Denomination is to. "The certain, the actions freptytiens that the Character of great Chears, and were famous for the Cleanlines of their imposfines; whence the Name might afterwards paid proceedings into other Languages, as this pretty fortain it did into the Greak and Zatin. Or clif, the ancient Egypticas, being much verfeld in Altronomy, which in those Days was little clife but Aftrology, the Name was on that Score affumed by thefe Dijeurs de bonne Avansure, as the French call them, or good Fortune-tellers,

Be this as it will, there is fearer any Country of Europe but has its Egyptians, the nor all of them under that

Denomination. The Latinu call them Egyptii; the Italians, Cioni and Two Latinu call them Egyptii; the Italians, Cioni and Cingers; the Germans, Signmer; the French, Bohrminus; cohort,, Sarafars; &c. Manufer, Geogr. L. Ill. C. S. relates, that they made their first Appearance in Germany, in 1427, exceedingly rawny and fun-burnt, and in pittiul Army; the they attempt to the control of the Color secret Quanty, and traveat of with a Train or rituring Dogs after them, like Nobles. He adds, that they had Paffports from King Sigjimoné of Bohemis, and other Princes. Ten Years afterwards they came into France, and thence

pafs'd into England. Pagainer, in his Recherch. L. IV. C. 19. relates the Origin of the Griffies, thus: On the 17th of April 1427, there came to Paris twelve Penitents, or Persons, as they

Usign or no Copping, mass 1. On the 17th of JPP's 84371 (ed.), which was a considered on the Copping of the Cop

By an Ordonance of the Eliases of Orleans, in the Your etgo, it was enjoyed all their Impolence, under the Name of Bubmains and Egyptiens, to quit the Kingdom on their Companies, and forcad themfores over Europe. The first Universe of them in England, was three Yours alterwards, vich. Amon 1952. Reph. Polesterranus making mention of them, affirms that they first proceeding the first process of the Proceedings of the New Science of the New York of the New Science of fide in Egypt.

EGYPTIAN-Tear. See YEAR.
EGYPTIAN-Tear. See YEAR.
EJACULATION, in Medicine, the Act of emitting
Seed 1 from the Latin ejaculari, to cast upwards. See

EMISSION. To evince a Man's Virility, in a Court of Justice, where he is accussed of Imporency, 'tis required he give Evidence of Erection, Intromussion, and Ejaculation. See Con-

EJACULATOR, in Anatomy, a Name applied to two Mulcles, from their Office in the Fjaculation of the Seed. Sec SEED.

The Ejaculatores arise from the Sphinster of the Ame, and advance along the Uzethra, as far as the middle thereof; where they are inserted laterally.

ann advance and the part inferred laterally. The fame Denomination is likewife given two Mufcles of the Citizens, which arising from the Sphinder Ani, advance laterally along the Labia, and are inferred afide of the Citizens. See General 10.

EJACULATORY, in Anaromy, is a Term applied to to little Ducks, or Canals, arising from the Vestcular minales.

The Ejaculatory Dufts are about an Inch in length towards the Vofecula, they are pretty wide; but contract themselves as they approach rowards the Urestora, which they penetrate together.

they penerist negletic.

Some Authors mythe them Name to the 19th eightsome Authors mythe them Name, Name
Policatine, and propies. See Deversary to 19th,
Policatine, the and a propies. See Deversary to 19th,
Policatine, and the HEICETTS, effects of the
Licitation, which all HEICETTS, effects of the
Policatine of the 19th of the 19th of the 19th of 19th o

cing i the 2260-24 to occupt to instate their Commuse nerves, endeavourd to draw Women, or othern to make Profettion of the Mossilie Life, and affilt in their Mirth. E JECTION, the Act of throwing out, or difcharging any Thing, as force of the Emuscionics; as by Stool, Vounting, 66. See Exception, Evacuation, Estate 510N, &C.

EJECTIONE firms, a Writ which lies for the Leffer for Years, who is ejected before the Expiration of his Term, either by the Leffer, or a Stranger. EIRE, in Law. See Evra.

ELABO.

ELABORATION, the Act of finishing or perfecting any Thing with Labour and Time. The Term is chiefly uted in Medicine, where the Chyle, Blood and Semen, are faid to be well Flaborates, when they are well conditioned, have undergone all the Secretions, they are well condition'd, have undergone all the Sccretions, Mixloon, Impregnations and Circulations necessary to bring them to Perfection. See Civilla, Basoon, and Salan. If the Chyle went directly from its Receptaculums to the Breatth, it would not be fufficiently Euleborased to afford Breafts, it

If the Chyle was directly from in Receptacembase to the Recent, it would not be furthcared; believest to siffer Recent and the Recent and the Recent and the Recent and the Recent and Rece The most common Opinion is, that it has none of it felf a said that if it flow any, 'tis owing to the Air contain'd

therein. See WATER. The Word is form'd from the Greek, sangle, of sanistry,

the word is form the
to pulls, prefs, &c. See Spring
The principal Phenomena obt nena observed to obtain in Flatic

The principal Pharomena observed to obtain in Hobbi Bullett, say,

1. That an Hobbi Bullet, i.e., a Bully perfelly Elefa, if any fisch there by enderwour to reflect it fell with the fame Force whereventh it is perild or bear. Thus, whatever Force is applied to bear a Bone, with the fame Force whereventh it is perild or bear. Thus, whatever Force in Force, whereventh is the String in drawn, is the fame with the which refulls the Drawing it always in the fame with that which refulls the Drawing it. Bone being bone to long, till the Force applied, and that which refulls it, are in Lymidius of the Porce applied, and that which refulls it, are in Lymidius of the Porce applied, and that which refulls it, are in Lymidius of the Porce applied, and that which refulls it, are in Lymidius of the Porce applied, and that which refulls it, are in Lymidius of the Porce applied, and that which refulls it.

 An Elaßic Body exerts its Force equally towards all Sides; tho the Effect is found chiefly on that Side where the Refitlance is weakeft: As is evident in the Cafe of the Refiltance is weskelf: As is evident in the Cafe of a Bow fhooting out an Arrow, a Gou exploding a Ball, &C., 5. Elaftle Bodiet, in what Manner fover firstle, or impelfed, are infleted, and rebound after the fame Manner. Thus a Bell yields the fame Sound in what Manner, or on what Side fover fituch.

4. A Body perfectly Fluid, if any fuch there be, cannot be Elaftle; by Reation its Parts cannot be comparefield. See

Frein

FERIN.

A. Body perfedly Solid, if any fach there be, cannot be Eleflie's in that having no Pores, it is incapable of biolog campred A. See Soar no. 4.

6. Hard, long, Ruchle Bodes, to exquire Eleflicity, to be being campred A. Bodes, and the season of the Eleflicity being camped.

7. Bodies, in diluting themsives by their Eleflie Power, carret a greater Power at the Elegringing of their Dilutarios, than towards the End thereof. By Resize the Bodies are more compredid a first just the Kentercy is above, even for the Contract of the Cont

more compress a many to the Compression.

8. The Motion, whereby compress'd Bodies restore them-felves, is usually an accelerated Motion. See Dila-

TATION. For the Lows of Motion and Percussion in Elastic Bodies, See Motion and Percussion. Elastic Force. See Elasticity.

ELASTIC FORCE. See ELASTICITY. ELASTICITY, or ELASTIC Force, in Physicks, a Pro-perty, or Power, in natural Bodies, which denominates them Elastic; and by which they are reflored to the Figure, and Extension they had loft from any External Cause. See

ELASTIC Bosies.

Exterior Fadent.

The Caute, or Principle, of this important Property Eliphicity, or Springinel, in winoldy slight! The Carterior Property of Springinel, in winoldy slight! The Carterior Property of t And in this confifts its Elafticity. See RESILITION.

Other later, and more wary Philosophers, account for Estificity much after the fame Manner as the Currelman with this only Difference, that in like of the Habilité Martine and the Currelman of the Partine American of the Currelman of the Partine Martine of the Currelman of the Partine Martine of the Currelman o

of folid and firm Rodies. See Connaton

of folid and firm Bodies. See Contrators.

Thus, fly they, when a hard Body is fruck or bene, for as the component Parts are moved a fittle from each other, but too quine disjoyard, or broke off, or feparated fo far as to be out of the Power of that attracting Force whereby they cohere; they must certainly, on the Cettation of the Faxtment Violence, foring beck to their former natural State.

or ATTRACTION

Others refolve Elafticity into the Preffure of the Atmo-fiphere: For a violent Tenfion, or Comprefion, tho not great enough to separate the conflittent Particles of Bodies great enough to feparate the conflittent Particles of Bodies far enough to let in any foreign Matter, muit yet occasion many little Vacassis between the separated Surface; so that upon the Removal of the Force they will close again, by the Pressure of the Aerial Fluid upon the excensal Parts.

by the Prefigre or the ACTM FIGURE 1906.

See ATMOSTRIAT.

Lafilty, Others attribute the Elafticity of all hard Bodies to the Power of Refiltion in the Ari included within 'em. And fo make the Elaftic Force of the Air, the Principle of Elafticity in all other Bodies. See ATM.

Elightary in all other Bodies. See Ain.

Level of ELASTICITY.

To exquire a little more experly into the Nature and

Lews of ELASTIC, we find localize the Phenomena therethal Power is observed do conflit, or may be contrived to conthis Power is observed do conflit, or may be contrived to conflit, of fluid I Phends, or Fibres, which, laid together, conti
rate fach Bodies. To examine Elightisty, therefore, in its

onl fingle CoS, we also belt conflict in a Multical Strings,

mol fingle CoS, we also belt conflict in a Multical Strings,

med finişe Cofe, we had belt confider izin Mindio Strains, or Chords, and particularly their of Menti; for third of Categor, having a figiral Yunii, cassoo be confidered as the New the Englisher of a Fibur, or Good, confilis in this, that it may be itrouched or extended; and that upon re-moving the Force starburky it as unfactable, or lengificately, and the property of the confidence of the Degree of Teofica is, receiving for Englisher to com-mence, in not yet determined by Engelment. Add, white when a Fibre is two far introde, it to do in the Englisher when a Fibre is two far introde, it is to be in Englisher of confidence of the confidence of the confidence of the con-traction of the confidence of the confidence of the con-traction of the confidence of the confidence of the con-traction of the confidence of the confidence of the con-traction of the confidence of the confidence of the con-traction of the confidence of the confidence of the con-traction of the confidence of the confidence of the con-traction of the contraction of the con-traction of the con-traction of the contraction of the con-traction of the contraction of the con-traction city is unknown. But 'tis certain, Elaficity depends on Tension, and is confined within a certain Sphere, or Boundary

Tension, and is confined within a certain Sphere, or Boundary thereof on cirher Side. See Casean and Franz. This, if it do not give us the proper adequate Caule of Eleficity, yet flows us the Difference between Eleftic and Undefine Bodies; how it is a Body Iofes its Elefti-city; and how a Body, delibrate of any fuch Force, conto account it

Thus, a Plate of Metal, by repeated Blows of a Ham-ser, becomes Elaftic; and being heated, again loses that

Proporty.

Between the Limits of Tenfon, wherewish Elefticity is terminand, there are different Forces required to give different Degrees of Tenfon, in order to Birch Cheesh to recture Longths. What the Proportions of their Forces is, order for the Control Longths. What the Proportion of their Forces is, ordered for Mexil. But as the Lengthenius of their Cheesh is freeze for Mexil. But as the Lengthenius of their Cheesh is freeze for finish, the Proportions cannot be directly mentioned in a particular Apparatus, and a 8 kind of Circuit are needed for the Control are needed for their control to the Control are needed for their control to the Control are needed of Paties, an order to far their Lenw, the Reknie of the Control are needed of Paties, an order to far their Lenw, the Reknie of their Control are not to the Control are needed to the Control are not to far their Lenw, the Reknie of the Control are not to the Control are no

whose Experiments are as follow. 1. That the Weight, whereby a Fibre is increased a cerula Length, by in Stretching, in in the different Degree of Tenden, as the Tenden it kelf: If, e. gr, there be three the contractions from Kord, Length and Thickords, which the contraction of the contrac the Weight, whereby a Fibre is increas'd a cer-

to their Inflexion.

5. In Chords of the fame Kind, Thickness, and which are equally french'd, but of different Lengths, the Lengths mings produced by funcedding equal Weights, are to one another as the Lengths of the Chords. Which is evident became, that the Chord is stepthened of Chord is described to Chords to the Lengthsching of a Chord of half the Lengthsching of all of all the Lengthsching of the 4. Fibres of the fame Kind, but different Thicknesses, may be compared together after the like Manner; only

confidering them as confitting of a greater or left Number of fine: Fhree or the fines Thicknets; the Number where-or mult be taken in the Rains of the Selating of those Fiber-tic, as at he Squares of the Diameters, or at the Windows is a such Squares of the Diameters, or at the Windows the Fibers, when their Lengths are the Squares of Confiquence, will be equally incred by Forers sharts are in the lime Rain of the Santian Configuration of the Diameters; which is the lime Rain of the considerable Schware the News abundances. the fame Ratio of the Squires of the Diameters; which fame Ratio, is likewife required between the Forces whereby the Chords are inflected, that the Sagitte may be equal

in the given Fiber.

J. The Mortino of a firetch'd Fiber agrees with the Mo-tion of a Body vibrating in a Cyclod; and how unequal fover; the Vibrations are, they are all performed in the fame Time. See Cyclosto.

same time. See CVELOID.

6. In two equal Cherds, unequally fleetch'd, unequal Perces are required to inflect them equally. Their Motions may be compared to those of two Pendulums, describing fimilir Cycloids, by different Forces. Configurative, the Squares of the Times of the Vibrations of the Fibres are to each other inverfely, as the Forces whereby they are equally inflected, which are as the Weights by which the Chords are ftretch'd.

are fletch'd.

7. The Motions of fimiliar Chords, equally fletch'd, but of different Lengths, must be compared with that of Pendament after the Chords are moved, must be considered, the Celetties alies, wherewith the Chords are moved, must be considered, but the Chords are moved, must be considered. Now their Celetties are to one another directly as the Weights whereby the Chords are infected, and invertibly the Chords are infected. their Lengths. The Celerities, therefore, are in an inverted duplicate Ratio of those Lengths; that is, invertely as duplicate Ratio of those Lengths; that is, invertely as the Squares of the Lengths: And the Squares of the Times of the Vibrations, are likewise in the inverte Ratio. Con-fequently, the Lengths of the Chords will be as the Times of the Vibrations.

of the Vibrations. Hotels of the Vibrations and the Fater in infected, from Jihra English, Lamine, or Plates, may be confided an Congrica's, or Bundline of English (and the Fater in infected), from Jihra English (and the Fater in infected Fater), in come formed by the infected Fater, in easily determined from what has been flewer occurring Chorols. In Effect, in the Vibrations of fuch Plate, or Spring, the Motion thereof is excelented, fater the flow Materia as the Motion of a Chord, and of a Penchum in a Cyclind, are accelerated, after Gath Springs or all the Vibrations of Gath Springs or all t perform'd in the fame Time.

personno in the rame time. Elafiie Balls, Soberes, Sc. may be confidered as confid-ing of feveral Elaftic Places, or Springs; and the Introcetionos, or Yieldings inward of any Point threeto, are proportionable to the Forces wherewith the Body is comprehised.

The ELASTICITY of Fluids is accounted for, from their Yet ELASTICITY of Pitted is accounted to, from their Particles being all endowed with a Contrillingal Force; wheree Sir Ifiden Newton, Prop. 2. Book a. demonstrator, that Particles, which mutually avoid, or fly off from one mother by fuch Forces as are recipeocally propertional to the Dilinators of their Contra, will compide an Laffice Pinds. the Diffunces of their Centre, will compote an Elofite Fluid, whole Denfity shall be proportional to its Compression and vice veryls, if any Fluid be composed of Particles, that shy off and avoid one another, and hash its Denfity proportional to its Compression; then the Centrifugal Forces of those Particles will be reciprocally, as the Diffunces of their Centres

ELASTICITY of the Air, is the Force wherewith it di-lates it felf, upon Removing the Force whereby it was compressed. See Airs.

lates it felf, upon Removing the Force waterty it was competed. Use It Serving of the Are, was first different by the great Galilete. Its Existence is proved by the Experiment of that Phillophers: That are extraordinary Quantity of Air, being immaded by Menns of a Stage, which is the Competition of the Competition of the Competition of this Accession of Air, weigh confidently more in the Ba-lance than it did before; upon opening the Mouth thereof, the Air ruthen con, till the Ball have flash to in Sensor

Weight.

For hence we argue, that there is just fo much Air gone out, as compreted Air had been erounded in. Air, therefore, returns to its former Degree of Expansion, upon ermoving the Force that compreted, or refiled in Expansion; condequently it is endued with an Elaftic Force.

It would be added, they are the Air final or of the condense of the

quenty if it couled with an Expire Force.

It must be added, that as the Air is found to ruth out, in very Situation, or Direction of the Orifice; the Elafistic Force of the Air acts every Way, or in every Direction.

The Elaficaty of the Air making a confidenable Article in the row Persumatics; we find there give the principal in the row Persumatics; we find the give the principal.

Laws thereof

I. The Elasticity of the lower Air, is equal to the Weight of all the upper incumbent Air. For the upper Air is easily proved to press on the lower. See Para-SURE And the Elasticity of the Air, has already been shewn

cqual to the compressing Power: Whence it follows, that the Elefficiety of the Air is equal to the Weight of the whole incumbent Atmosphere.

Hence, as the Weight of the upper Air, incumbent on the lower, is equal to the Weight of a Column of Water of the fame Disameter with the Column of Air, and the Altitude of 31 Feet; of to a Column of Mercury as Inches high: The Spring of the lower Air is equal to the fame

high: The Syring of the lower Ar is equal to the fame Cohmon of Wirar, or Mercury first Air, included in a Vedi, Eric is liketiff could not keeping the Air, included in a Vedi, Eric is liketiff could not the Wight of the whole income hear Armofphere. Configuratly the Air, included in a Vedit, prefile with the firms Force, as the Wight of the Armofphere. And, therefore, the Enfriety of the included Air, in also to little in Mercury on the Highly of 58 levies, and Wirar, to the Height of 51 Force, and Wirar, to the Height of 51 Force,

and Water, to the Height of 3: Fore, in an empty Table. So A. N. Pauris.

A. N. Pauris.

Favor of Air competited, is to that of the fame Air dilated reciprocally, as the Balk of the distance Air dilated reciprocally, as the Balk of the distance of Air distance of the competited Air of the competited air of Air distance of Air distance of Air distance of the Weight insumbout on that, to the Weight competited; as the Weight insumbout on that, to the Weight of Air and the Balks of Marco Hance the Eight party of Air more competited, it frought than that Air less one present party of Air more competited, and the competited Air is to that of Air less one present of the Santance of Air and the Air less of Air less of Air less one of the Santance of Air less o e compress'd Air.

3. Heat mercales the Elafticity of the Air; and Codiminishes it. See Haar and Coan.
6. The Elaftic Force of the Air, whereby it is expanded, in Rarchilton, is to the Elafticity of the Air condensed as the Bulk of the rarified Air, to the Bulk of the condensed Air. ELATERIUM, in Pharmacy, a purgative Medicine, spared from the wild Cucumber.

prepared from the wild Cucumber.

Tis made of the juice of the Plant, by ftraining it thro' a Cloch, and evaporating the Moithure thereof, till it come to the Confidence of an Extract, or a Mafs for Pills.

Editorius is a vigorous Purge, and is utied in Lethurgius, Palfier, and Hypochondriacal Mclacholies.

The Word is form of from the Greek, ivadou, I rept.

ELBOW, the outer Angle made by the Flexure, or Bend of the Arm: Or the Point to which the two Boass that form the Arm indine. So: Ans...
That Emission, whereon the Arm refts, called by us Elbow, is by the Latens call? Clubiums, and the Greeks

eyear, and by others excepted ELEON, is also used by Architects, Malons, Sc. for an bruse Angle of a Wall, Building, Road, Sc. which divers from its right Line. See Cubir.

ELCESAITES, or ELCESAIANS, as Theadoret calls em, antient Hereticks thus call'd from the great Prophet

Elcefai, or Elwai This Elnsi, who lived in the Time of Trajan This Live!, who lived in the Time of Trajon, gave into the Sentiments of the Ebionites, touching Jefus Christ; tho' he alter'd and reform'd them in forme Things, to de-mominate himself the Author of a Sect.

nominate himstiff the Author of a Sect.

His Fandamental Doclinies were, that Fefus Chrift, who
was born from the Regiming of the World, had appear'd
from Time to Time under divers Bodie; that he was a
celetial Fower, or Virne, calld rise Chrift, whereof the
Hely Spirit was Silver, (Note, the Hebrew Word for Spirit,
is Franzieri') and that both of them had defeended into

is Fenerative) and that both of them had detected into Grifat the Son of Mary.

The Elegiatet, seconding to St. Esiphanius, were alforcalled Samplest, from the Herber Word Sames, San.

Scalinger was notorically militaken, in holding that Elsai
was no more than Elfant or Elfant or which Support
tion the Englaters were the fame with the Sect of Elfant,

which is contrary to all Antiquity.

Origin makes medical at Ellifettins, in one if the feezand, or affusily involved with their Office, or Justic.

2000, as a literatory or other. The Retainers has no experiment of the Particle of Par

of St. Pibli. Add, that cuty are produced a pools, wand ministin, that whose or prefers while it enjoyed therein, full obtain Pardon of all their Sim. See Enjoine, Hall. Ell., V.L. C. St. who remarks, that the Herry's because the produced of the street of the Herry's because St. Enjohenizati is very full on the Subject of this Sch. Herr. 15, where he obstreet, that Eller's was a few by Birth, and that not being also in live according to the Fallware. He was a practical theory of Verpiavy, and Additioners. He was a practical theory of Verpiavy, and additioners. He was a practical theory of Verpiavy, and could then to Hyportly in Times of Herchouse, precuding a round due to the produced the subject of the subject of the proof due to the Property in Times of Herchouse, precuding a it was lawful to adore Idols, provided the Heart had no

Share therein.

LIDERS, Genierer, Primerer, in the Jernith Hilbory,
LIDERS, Genierer, Primerer, in the Jernith Hilbory,
LIDERS, Genierer, Hernith Hilbory,
and Manner, among the anisot People. Thus, highly, we
read, alfimbled the Elders of the Protte together, and secausined them with wher the Izrel had communical.

Symagoner, were doubly call'd Zehemon, Elders, in Indiantrian of the 70 Elders, whom hight chiability for the
Symagoner, were doubly call'd Zehemon, Elders, being as it were.

When the Comment of the Elders, who were the
work, Elders and the Appellation of Elders, being as it were.

When the Comment of the Elders, which were the
Comment of the Comment of the Demander

Line when the Comment of the Line when the Line when

In the first Assembles of the Primitive Cariffians, those who were of the first Place, or Rank, assumed the Denomination of Preshyters, Printle, or Elders.

The Word Preshyters, which occurs for frequently in the Old Tellament, and which includes alike both Bithops and Priests, does likewife fignishe Elders. See Mond. Standy Observations thereon, in his Supplement and Coremonate

Observations thereon, in an Supplement are determined des July.

The Prefident, or Bishop, as being the chief of the Elders, did likewise assume the Denomination of Elder: Whence it is, that in the New Tethaneas the Name Bishop Whene it is, that in the Now Telament the Name Elliberia is frequently confined with that of Priell. For the kills Reafon, the Connell of the sirin Affirmblion, or Conarbo, was called Preferedressin, or Concard in the Ender, where was called Preferedressin, or Concard in the middle of the other Eleier. The Prieds, or Elliers, who fare by him, and each ho Judges Clarly for whole fare by him, and each ho Judges Clarly for whole Reafon they are called by the Fathers. Affigirer Englisherm. Nothing of any Impercase was done, all it shall the Bitthey only made one Body with the other Elliers or Prieffing she furtherithies which we now call Epiformy, not leving then Dependant on the Bitthey also, but on all the Elliers, oer whom he was the Prediens. See

Bismor.

ELERAS, 18 alio a Denomination fill retain'd in the Prodynamic States of the Partners of the Partners of Minister and Denotes, compose the Confidence of Collector, who, in Conjunction with the Partners, or Ministers and Denotes, compose the Confidence or Kirk-Sedions, meeting to confiden, infpert and regular to confidence of the Partners o

ntion of a Ruling Elder in each Chamberlast makes moution of a Rading Elder in each parith, shock by the Kirk-Steffine, the Coggragation afferwards approving the Choice, after a first Sexulary into his lies and Marzers. He adds, when the Minister ordains affait the Minister in overfeiting and correcting the Massers of the Poople; to stend him in Viding, Caraching, Praying for the Sick, in private Admonition, and at the Community Table. Chamberlain makes n

munion Table.

But this Account we apprehend to be a Miffake; what that Author fays of Rusing Elders, belonging properly to the Simple Elders, As to Rusing Elders, there are no fuch Things, but in the General Affambles, where they appear as Representatives of the reft. See Kirk Saissions, Streen Curvant Milleuble Dearmonth of the Park Saissions,

appear as Repreferatives of the reft. See Kirk-Sussions, Stron, General Affembly, Presswitzer, G., ELECT, Chyler. In Theology, particularly in the Scriptures, Eleff is applied to the Saints, the Predefitinated: In which Senfe, the Eleff are those Persons God has chose In which Sense, the Elect are those Per to bestow the Glory of Heaven upon.

to bettow the Glosy of Heaven apon.
The Apolites alfo apply it to the Primitive Christians:
In which Stoff, the Elect are those chosen to the Favour
and Bletting of Christianire, God, who has predefinated
the Elect to Glory, has likewise predefinated them to
Sanchistotton. See Prangarrian-Arrive.
Microst applied to Archistopp, Bishope,
and other Discott, who are chose, but are not yet con-

dillon.

Empteur Eleft, belove he is insagratin and Goroul-Z.

Empteur Eleft, belove he is insagratin and Goroul-Z.

Land Mayor Eleft, belove his Protectifie's Mayorality is

caprined, or the Sweed part la hi Hand.

Philip of Surey was the Team Archibillops of Lyant,

which the being mobile for conflictently sites which flower

of the theory of the state of the state

LIMPOTON, a Casses mass of any Thing, or jertine, more convergence of the process of the process

Calle, for all others de high Especial yil all, or at leaft two The George by Completing state, which College pitches on three College pitches on three Confineds, to whom they give a Power of commissing the Percy which Power captures grow and Establish piped on the Confined to Conf

by Struting

Majority by Scrutiny.

The Way of Accession, however, is always added to the Scrutiny; it being the constant Practice for all the Cardinals, to give their Voices, after the last Scrutiny, to him whem they find to have the Plurality already. So that all whom they had to have the Flurality already. So that all Esections of Popes are, with the unanimous Confent of all the Cardinals. See Cardinals. the Cardinals. See Cardinal.

Fledien of Bisops, of Members of Parliament, &c.

Election of Bispops, of Members of Parsiament, &c. Sc. Bishor, Parliament, &c. Election, is also when a Person is left to his own free Will to take or do cither one Thing, or another,

which he pleafes hich he pleases. Election, in Theology, the Choice which God, of his od Pleasure, makes of Angels or Men, for the Designs

of Mercy and Grace. The Election of the Jens, was the Choice God made of that People to be more immediately attach'd to his Worship and Service, and for the Messah to be born therent

thereof. Election also, femeniumes, figuilies a Predefination to Grace and Glory; and formetimes to Glory only. Tis an Article of Fairle, that Predefinations to Glory possible and the Article of Fairle, that Predefinations to Glory to grantinous; and the possible and the Company of the Comp

vision of our Obedience.

Some hold that it is before, and after at the fame Time s
It is before the Prevision of our Obedience, as Glory is
intended as antecodent to our Obedience: And it is after,
as this Glory is intended us as a Reward, and of Confequence, as a Sequel of our Obedience. See Galer,

fequence, as a Sequel of our Obedience. See Galace, Patharterination, Regensatives, United Britainers, being that which Excertum, is also a Peri of Pharmacy, being that which Seeman and the Conference of the Patharters of the Seeman and the Seema

Some Benefices are Elective, others Collative, Municipal Some Bendées, are Elettire, others Collative. Municipal, Offices in England, are generally Elettiers in Night, Offices in England, are generally Elettiers in Night in Electron and Electron and Electron and Electron and Electron are Electron, a Perion who has a Right to elect, or chools soncher to as Office, Henous, Er. Electron, a Perion who has a Right to elect, or chools concher to as Office, Henous, Er. Electron, and the Electron and Electr

ELECTOR, is particularly, and by Way of Emisance, used for the Princes of Germany, in whom lyes the right of electing the Emperor; being all foversign Princes, and the principal Members of the Empire. See College of Electors.

The Origin of Electors is not well known: Some refer it to Orbo III, in the Year 997; others to Frederic III, who died in 1ayo; and others, to Reasol of Haysburg, Founder of the Family of Angiria, in the Year 1a 80.

Founder of the family of digits, in the Xer 1856.

Their Number, however, was unferted, at leaf all the Time of Frederic II, in the 13th Consury. The Golden Boll, published by Carbert IV, in 1856, Red the Number of Fiddings to the Carbert IV, in 1856, Red the Number of Fiddings to the Carbert IV, in 1856, Red the Number of Fiddings and Ser Section, with the King of Behevius, the Court Palatine of the Risins, the Duke of Stateny, and the Marquel of Break Carberty By the Carberty Staten IV, and Carberty Staten IV, and the Carbert IV, and the Carberty Staten IV, and the Carbert IV, and an angine English Staten IV, and the Carberty Staten IV, crected for the Count Palatine.

Fixe of the Count Falstine, and an eighth Existenses received for the Count Falstine, Edifferent was created by the Count of the Count

Botter of the Charles and the Charles of belonging, to an Edifier. See Exaceron.

The Ediffurd Primer is the client Son of an Ediffur, and the Charles of the Englies, is the nost Illustrous and Anagel Book) in Englies and Anagel Book) in Englies and Charles of the Englies, is the nost Illustrous and Anagel Book) in Englies and Anagel Book) in Englies of the Charles of the Charle many. He adds, that there was nothing fettled with Regard hereto before Charles IV, and that the Publication of his Golden Bull, was only to prevent Schiffins, and fecure the Report of the Kingdom by a Regulation is Form. Two the Golden Bull, therefore, published in 1356, that contlituted the Filediras I College, and reduced the Number

conflicted the Electrical College, and reduced the Number of Electron to Even. Sec Cat.100.

IL INCOMA, Green, or Carront, a South Cop. useful Electron to Sec. Sec. 100.

IL INCOMA, The Sec. 100.

IL INCOMA, The Dignity of Solds with a Conflict of Solds with a Conflict of Solds with a Conflict of Heron. Sec Carron and Consolir.

IL INCOMA, The Dignity of IL Edder, with the Electron Sec. 100.

IL INCOMA, The Dignity of Electric with the Sold of Solds with a College in smooth.

The Electrical College is the Sold of Electric Solds with a College in Solds with the Solds wit

Lumenburgh. The Princes, who disputed the Validity of this Election, were called the Oppolers of the intel Elections. The 'che Cultom ordinarily be, in Germany, for the Soos of Princes to finare their Esther's Lands and Territories among them; those whereto the Electronic is attached, are not used to be divided; but pais entire to the electronic Son, who succeeds to the Electronic.

Son, who fucceds to the Literorase. ELECTRICITY, or ELECTRIC Force, is that Power, or Property, whereby Amber, Jet, Scaling-Wax, Agat, Glafs, and most Kinds of precious Stones, attract Straws, Paper, and other light Bodies to themselves. See Ar-

Electricity differs from Magnetism in shis, that the latter only attracts Iron, whereas the former indifferently attracts most Kinds of Bodies; the the Effect is only

strach mod Kinds of Bodies, the the Effect is only femiliate in the cases. See Macastram. The Peripaterial had this lower to confill in I know now what Cashiry, or figuration! Force, findings, box on what Cashiry, or figuration! Force, findings from the fidth-intel Force, and the Strey, and refuting from the fidth-intel Force, and the Strey, and refuting from the fidth-intel Force, and the Strey, and refuting from the Effect of a corporal Efficience, emitted from, and straining on, the Efficience Body. The 3s to the Name of their Efficience, and the Manner of their acting, they are grantly distributed. See Force 11.

greatly divided. See EFFLUVIA.

Some, with Cabens, suppose actual Steams to iffue out of greatly divided: See ENTERVISI.

See MATERIAL SEE AND SEE AND

they nee! a their Way.

Others, with Dr. Gallerr, deffinalin, Sir Knuslin Digley,
See, bads, hat en anblaine, we chaffing, the Ekkir'li Eody
which coming to be conducted and could'd by the multice
Air, do not their Agitation, and fo fitnic back again
nate the body from which they filled yas bely with Wester
and the Body from which they filled yas bely with Wester
Air, do not their Agitation, and fo fitnic back again
nate the body from which they filled by the property
happen to be faithful, or filleding to their farior. End.
Geglinetiz adds that their four through Edwards in the great of the second of Ways, do frequently deculiate, or croil each
at Manner of Ways, do frequently deculiate, or croil each
"The Cartifaction are belies able to imagine hose for his meet in their Way.

other; and by that Means the the better hold of Straw, Use, The Cartiforns, not being able to imagine how to hard and brittle a Body as Glafs, should emit Effluvia; a stri-buse EleGrierary to the Globales of the fift Element; which breaking out thro' the Pores, or Chinks of the Body, like little Darts or Swords, and nor meeting with proper Meanua; or Peffigers in the Air, return whose they came, and carry the little Bodies, whose Pores they happen to

and carry the lattle Bodies, whole Pores they happen to enter, and be entangled in, along with them, Mr. Boyle, Mr. Hawkibee, &c. have made a Number of Experiments, to affectival the Nature and Laws of Electricity; the Refult whereof may be fumm'd up under In the following Articles.

I. That Electrical Bodies do not at all, or very rarely attract, except when warm'd, and thereby follicited to emit

Liffuvia more copiously.

Liffewis more copiosity. Mr. Hambler, having beated a Giait Tube, of about an Inch Diameter, and 30 lacks long, by rabbing it velocities, and so that the state of the state of Leaf Bens, found, that they were no foace within the Sphere of Adlivity of the Efficient centred by the Table. Sphere of Adlivity of the Efficient centred by the Table Sphere of Adlivity of the Efficient centred by the Table Sphere of Adlivity of the Efficient centre for the Sphere of Adlivity of the Efficient centre for the Sphere of Adlivity of the Efficient centre for the Sphere of the Sphere of Efficient centre for the Sphere of the S stance of 1s or 14 Inches; would formetimes adhere, and faften to the Tube, fettle on its Surface, and there re-main quiet: and fornetimes be thrown off from it with a great Force. And thus would they be alternately ar-tracked and repell'd, for feveral Times facceffively. Some-times, again, they would move flowly toward the Tube; fornetimes, would remain fat/pended between the Tube and the Table they were first laid on; and fometimes flide along in that Direction of the Side of the Tube, without

song in that Discussed of the Order of the Loos, without to conclusig it.

2. That Bodies, warm'd by Fire, don't attract 6 forcibly, as when heated by rubbing; the if they be first heated, and then rubb'd, they will attract the more strongly. Mr. Hauksbee affures us, that the hotter he made Mr. Hendeler affairs us, that the hourse he made the Tack by publing, to the general Dilatone doll for attractive Tack by publing, to the general Dilatone doll for attractive properties, and the properties of the properties of the action, the Leve of the Efficient was realed manufacture on the Such, among there for felling, being another to suchess Such, among there for felling the such among a first the such as the such as the such as the marking Strukes or Impulses on the Skin, much like rhofe marking Strukes or Impulses on the Skin, much like rhofe marking Strukes or Impulses on the Skin, much like rhofe marking Strukes or Impulses on the Skin, much like rhofe marking Strukes or Impulses on the Skin, much like rhofe and by publing as Number of imback Harin against it. § Jian Terian, or Wijnips, is atmost university score.

by Resion the Efficiency of rubbing, to produce Electricity, by Resion the Efficiency can more readily clarpe, when there is nothing to flow up, or chook the Purce, 4. That the interpolition of the fixed Linnon, as Muffin, Gaztie, or the like, will totally hander the Operation of Electrical Bodies.

Electrical Boones.

5. The Effect is lefs fensible in thick and cloudy Weather. For the Air being cloudy with Vapours and Exhabitions raid from below, the Resistance the Electric Effects meet withal, must be greater than when the Air is free of any such Impediments. Hence, also, in all Probability.

biblity, arifes the Necessity of Terdina is the waters Particles leiding are to run together, and confosite on the Surface of the Body, and 6 othersic the Pulling of the Manner.

4. Existing the Body of the Surface of the Manner.

5. Existing the Surface are more foreither, Centric partient, by Particular Household of the Surface of t

Emission where are, makes left Opposition so the Pat-les Opposition of the Market Patle of the Market Line And the Market Elline of the Market Patle of the Market And I and I all the Market I and I all the Market Market I and I all the Market Market I and I and I all the Market I and I and I all the Market I and I and I all the Market Market I and I all the Market Marke litch Portion of Air remaining in the Tube: And so the Attraction may continue in Proportion to the Quantity of Air. When the Air is let into the Tube again, the sit-tuctive Power is immediately relieded; and that before any new Attrition can be given the Tube, or e're it he cro-moved from the Dillance and Polition it was in when exhaulted. Mr. Egyife, however, found that a Piece of Ambree did fernibly attract them the Air was pamped out

Amber die fraibly arract won the Air was pamp?d out of the Receiver.

8. Editired Bodies strated all Things indifferently,

8. Editired Bodies strated all Things indifferently,

9. A large Flow of very Editired Londer being face product by a filter Thread, and one End of it relabel through on a filter Calhino; the Calhino their, brough received the Calhino; the Calhino their brough matter the Amber tend towards it, and filter the State of the Calhino their control of the Calhino th Fleffrie ones.

Estéliric oncs.

10. After an Estélirical Body has been well rubb'd, there is a certain Nick of Time in which the light Body, instead of being attracted, will be actually repell'd, or driven away from the Estélirical onc, by the Estélivia

field of being attraction, want for actually prepare, or possibly being and not recrusing significant the Efficiency of the property of the property of the property of the Mr. Handber silience up, that the Proces of Leaf Gold would be functions through off from hardset of the property of the property of the property of the And thus, not only when does not off for of form lead-te. And thus, not only when does not off for of form lead-ted that, not only when does not off for the property form it; but allo in their Motion of Affects towards it. Thus, would they be thus failedness and property form of in (Alley produced the property of the property of the first produced the property of the property of the Wite first round the upper Hennifebre thereof, if a the Diffuse of 4 or 2 looked, with feveral Poses of Woolden Thread have threeton, of find Lengths, as that when no-treed the produced of the property of the property of the produced of the property of the pro-teed of the property of the pr tended in a Direction towards the Centre of the Glass, tags, would reach within an Inch of the Gircumferrone thereof; but when left at Liberty, hang down in a parallel Podition; Upon applying the Hand, and fo adding an Attrition to the former Rotation, the Threads prefently began to change their Direction, and all harmoniously pointed to the Centre of the Globe; and to put it pais Doubt, this Fifted depended on the Attrition, the Experimentator, by Hetet depended on the Attrition, the Experimentaror, by fliffing the Place of the Attrition hither and thirter, could draw the Threads towards this or that End of the Globe, the they all fill went uniformly converging towards forme Centre, in the Axis thereof; and so formed a Kind of Conical Surface.

Conical Surface.

The fame Phenomena follow'd upon fluifing the Wire, and putting it on the lower Hemilyhere. Add, that upon the continue in their final idirect Petiture for the Space of four or five Minutes. And in the mean Time, if the Region of the Space of four or five Minutes. And in the mean Time, if the Region, we will be supported to the Lateral Region of the Threat placed are the Lateral Region of the Threat found the Space of the Region of the Region

be attracted towards it

ELECTRUM, the fame as Amber. See Amber. ELECTUARY, in Pharmacy, a Form of Medicine, composed of Powders and other Drugs, incorporated with Honey or Sugar 3 to be divided into Dofe, like Bolus's,

when token

when taken. It is thus call'd, by Reafon all the Parts, or Ingredients It is thus call'd, by Reafon all the Parts, or Ingredients it conflikts of, should be well elogien; from the Latin Verb Eligere, to chuse, whence Elefans, chofen. Others derive it from Lac; and accordingly the Greek', under

form'd the Latin Electarium, and afterwards Plestings form'd the Latin Electricum, and afterwards Electracium. This Opinion he proves from the Laws of Sticly, where it is ordain'd, that Electracies, Syrups, and other Remodics, he prepared lawfully. The Bollandsits, who relate this Erymology, from to confirm it. Act. Sandi. Mart. dies, be prepared lawfully. The Bollandift, who relate this Erymology, feem to confirm it. Act. Sault. Mart. F. H. p. 131. See Eclicoma. Electraries are either foft, or folid; and of each Kind, forme are Alterative, others Corroborative, others Pay-

forme are Alterative, others Correspondence, course Pur-gative, &c.,
The fost are of the Confishence of Honey, and confit of 3 Onnes of Powders to a Pound of Honey or Sugar.
The folid are in Manner of Tabelle, or Lurenges. The Purgative are afastly of the fost Kinds: But the Corre-

Pengaire see that Manner of Whiller on the congress. The Pengaire see that of the felf Kind Pengaire see that of the felf Kind Pengaire see that of the felf Kind Pengaire see that of the Control Letters are considered in the Control Pengaire see Confession, Difference and Translate, the Confession of Humsels, that of Alternate, the Confession, Difference and Control Confession, Difference and Control Confession, Difference and Control Confession, Difference and Control Confession, Difference and Confes

FILEEMOSIN A CANCARUM, or pro Aratri, or Aratri, in our satisfact Cuffoms, a Penny which King Ethelres order'd to be paid for every Plough in England, towards the Support of the Poor.

imes 'tis called Eleemofina Revis, because first ap-Sometimes the caned Electropius Regis, because pointed by the King.

Electropius are also used for the Postestions belonging

to Charches,
ELIEMOSINARIA. See AMBRY.
ELIEGANCE, ELIEGANCY, confider'd in the general,
is a Manarce of doing or triping Taings with Choice, Polittends and Approachines's: With Choice, in going out of
the common West: With Parliaged, in giving the Thing
a Tum which firstes People of a delicate Taffe: And
with Approachined, in distinguis a Reigh throughout which

hits every Body

hits every Body. Eligenties, portical Elegenties, are of Service to Scholers in making their Verfei. By being no regular in Scholers in making their Verfei. By being no regular in Licence, wherein the Elegent of Language condition. Eligenties, wherein the Elegent of Language condition. Eligenties. The Elegente of a Painting is not founded on the Correctate of the Delign, as appears in Rephasi and the Astrajan. It is used that in New York condensed to Astrajan. It is used that in New York condensed to the Astrajan. It is used that in New York condensed to the New York Control of the New York Control Americane. It is most feet in Works otherwise carele's and inaccurate; as in Corregia, where, mangre all the Defects as to Justiness of Defign, there is an Elegance even in the Manner of the Defign it sets, as well as in the Turn of the Artitudes. See.

The Elegance of a Delign, is a Manner of Being, which Embelified, and beightens Objects either as to their Form, or Colour, or both; without destroying or perverting the

Truth.

ELEGIAC, in the Latin Poetry, fomething that belongs to Elegs. See ELEGY.

Elegiac Verfex, Elegi, are alternately Hexameter and
Pentameter. See Versa. mtameter. See VERSE.

Duntilian effects Tibullus the Top of the Elegian

Poets: But the younger Pliny gives the Preference to Properties. They have each of them Reafon on their Side; and one might make a third Choice, as true as

Solz, and one might make a third Colors, as true as LLE(GT, b. Lwa, were judicial, which like for this that has recovered Dolts, or Disnayay or upon a Recognitude of the Color of the Colo the Author wa

Quis tamen exignos Elegos emiserit Austor Grammatici certant & adbuc sub Judice lis est.

derive it fom Lee; and secondary the Greeks, under the before Empire, called it servedows. Society reviews. Goldery derives (Ballesonia, Terribust Dept. 1998, pp. 18ch; and calls in Lexin, Einstein, Statement, Statement,

do la Suze, has diffinguish'd her felf for Elegies in the French Tongue.

Front Trages.

In the English, we have nothing confiderable of the English Stall, but what we have in Mileton. The English Stall, but what we have in Mileton. The English and Front English are chieft in Measurian Verlas. In Procei of Time, Elecy degenerated from its Original Intention and not only Matters of Grief, Let all 1974, Withou and almost every Subject, became free "Englished Compliants, Expositation," Prince, Nova, Parista, One compliants, Expositation, Prince, Nova, Parista, One Stall, Prince and Compliants, Expositation, Prince, Nova, Parista, One Technical Compliants, Expositation, Prince, Nova, Parista, One Technical Compliants, Expositation, Prince, Prince

La plaintive Elegie en longs habits de Deuil, Scair les Cheveun epars gemir for un Circueil: Elle peint des Amans la Joye, & la Triftesse, Flatte, Menace, Irrite, appaise une Maisresse.

In Mourning Weeds fad Elegy appears, Her Hair discherell'd, and her Eyes in Teass: Her Theme, the Lover's Joys, but more his Pains; By Turns she sings, sooths, threatens and complains.

The Diftion of Flegy is to be clean, early, perspicuous, expertifive of the Manners, tender and pathetic; not debuich'd or opperfold with Sentences, Points, Sc. No Apostrophe's are allowed; and the Sente to be generally closed in every Diftich or two Lines. At least in the

ELEMENTARY, fomething that relates to the E-

HALBENTARY, fourching, that relates to the E-lement, See Examine, and collect the Elemen-try Friendfert thereof. See Painterrat.
The whole Space, included within the Courts, length of the Moon, is clink the Viley Element, and the Bodies compounded thereof. See Reasons. The Author of the 60th See Reasons. The Author of the 60th Shiper, which inhabits the En-ments, and are mad known by substituding the Elements, and see may known by substituding the Fore-tonian and the Court of the Court of the Painter of the Painters of the Court of the Painter of the Painter of the Salamanders J. Ferry, that is, the Sea and Rivers, by Nympha, or Carlidons, Eurits, by Geomes and Gonzales; a ELIMENTA, a Phylick the farth Paintiples, to Ingrand-dien of Things; whereof all Dolder are tompsembled;

Elements are conceived as the most fimple, homogeneous Parts, or Corpuscles; of an Affemblage, and Mixture whereof,

Parts, or Coppulcies, of an Aliembiage, and Maxtuse whereof, all the Bodies we free, conflict. See Convencent, eff.

Authors generally talk very wildly and inconditionally of the Elements, and confound them with the Principles of Things: Yet is there a great deal of Difference. As we find, by Experience, that all Things cannot indifferently be made of all; that Stone, for Iriliance, and Marble, are be made of all; that Stone, for feithered, and Marthe, are not convertible into Fielh, nor are fit to nonrish or aug-ment an animal Body: It feems to follow, that all the Variety of Bodies could never arise from the fairf simple Combination of the two Principles, Marter and Fernal Date only force infinitely simple Berng, or Corpellas, which being variously intermix'd, might constitute all other Bodies.

Bodies.

Now those most simple of all Beings, thus form'd of the sirst Determination and Concretion of Principles, are what the Philosophers properly call Elements: So that Elements and Principles have this Difference between them, what a Principle is Master, is a Kind of incompleat Nature; but an Element, a perfect or compleat on. See Partners.

one. See FAINCIPE.

Hence it follows, that there must, of Necetity, be more Elements than one: Since otherwise all Things would be gought firmly, and there would be no fuch Thing as a Compound in Nature. Most of the Ancients, not exert of this, confload Element with Principles On this footing, the Elements' are femenimes held corruptible, and forestimes incorruptible.

tometimes incorruptible. Elements, mean procisely by Element what we mean by the first Amster. In Effect, their Elements are their Atoms, or Corputible, which are fupposed indivisible, incorruptible, &c. See Arom.

and CORPUSCEE.

and Convexen.

Discourtist is held the first Auchor of this Texes; which accordingly is addered to by Pilicarus and many of their Discourings, the Pilicarus and Interpolated Particular Conference of their Discourings, the Pilicarus and Lorgistatus Particular Conference of their Discouring Conference of their Conference of their Conference of the Discouring Conference of the Discouring Conference of the Co

Among those who admit several corruptible Elements, the principal are the Peripatericks; who, after their Marier Aribesto, contend for four Elements, via, Fire, Air, Water, and Earth. Arisonle took the Notion from Hipporases, Hipporases from Psythogoras; and Psythogoras from Occilias Lucasus, who stems to be the first Author of from Occilias Lucasus, who stems to be the first Author of the Dogma.

But there is a fill further Variety of Elements: Por the Philosophers, nor confidering Matter in it fell, or in the general, but only some of the Senfations it excites in ur; some of them reter all to the Senfa of Sight, and affert

the general, but only fonce of the Stefations it excites in sur journel of them rice it in the Scale of Sight, and affirm any fonce of them rice it is not because of Sight, and affirm a surer of all Things: And others, regarding only the Scale of Touch, make hard and injurie, on his model, in the interest of the second of the second of the In this interest of the second of the second of the In this interest of the second of the second of the May of Proceeding was Semester of the second of the May of Proceeding was Semester of the second of the day the Seath of Touching, Heat, Colol, Drymyle or Hard-erity, and Hamistry or Leptinsky: And Orienter that the day the Seath of Touching, Heat, Colol, Drymyle or Hard-erity, and Hamistry of Leptinsky: And Orienter that the in two different second of the second of the second of the interest of the second of the second of the second model; and the foorth, her and dry.

Then, no jets Normas to defice Elements, the enquired prevail. Accordingly, naking the Earth to be the couled, and the two trans, deep large the color and model of all Things, he called the second And Heart, being the colorist and model of all Things, he called his tender Element, Heart, Sew Naysan. The horist of all Things, his third Element he called Art. Sec. Astr.

housit of all Things, his time reasons of all Things, Sec. A.R., Pro-Sec. A.R., P

Matter: To explain their Origin, they tupped the whole Mafs of Matter in the Univerle, divided into an infinite Number of Particles of unequal Magnitudes, and of any Figure at Pleafure. Their feveral Particles they fuppole, further, to have been revolved, or whited, in various Diameter, each round its Centre; fo as to become truly

fegurais and apart.

That much furpoids, 'tis impediable but the Angular,
Eminers, and Impicated Parts of the feveral Particles must be beade off; and then, the little belove, they must consider the properties of the properties of the properties. The first properties of the propert feparate and apart. makes the fecond Element.

And, as 'tis probable fome Particles of Matter may either

And, as 'tis probable frome Particles of Matter may either freparately, or conjunctly, full retain irregular, hooked, and intricate Foems; these constitutes the there Element. "Tis added that the Elements are convertible into each other: For the third Element, by growing round, may become the fleoned; and the freoud, by a continual Commitmetion and Subciliaring, the first. See Cartazian.

mentales deciming in physics of the primary Element of Bodies on the atomical Sylem, thus I All Things condider I in flear persons, condider I in the mental policies, that I Things condider I in flear persons probable, that I in the primary Element of Bodies on the state of the I in the property of the Property and In fact Properties to Open I was a proper with facts of the Property, and I in fact Properties to System and I in the Properties of the I in the

my le lating, the Change of corporal Thiogo are to be Demodrations in the interficient by find a coult or placed only in the various Separation, and over Afficiations made the Change of the Change o

The Chumiffs are femewhat divided as to their Ele-The Chymifts are fomewhat divided as to their Ele-sients: The Geornility of them to the Vulgar Peripassis. Elements; Warr, which they call Phigags; and Earsh, which they call Coput mertumus; add three more, via-Sait, Sulphur, and Mercury. Sait, they hold, the Prin-ciple of Tatle; and Sulphur, of Smell and Inflammation:

ciple of Talle; and Saipline, of Suell and Indiamentian An to Mercray, which hay slice all Spirit, store hold it the Principe of Colores, bur others droy it; and, in Efficient and Iprinous Burn. See Sax., Surveyan, Gr.

The Elements of Fedin are, i. Adversor, as the Bille; i. Soli-jobr, as the Congalisan, or Billent: p. Solt., Soli-jobr, as the Congalisan, or Billent: p. Solt., soli-jobr, as the Congalisan, or Billent: p. Solt., except solitors, and the Billed; except solitors, and Solitors are an indiged soid Spirit and Rarch. The Elements of Fedin Solitors, are an indiged soid Spirit and Rarch. The Elements of Fedin Solitors are and Spirit and Rarch. The Elements of Spirit and Rarch. The Elements of Spirit and Rarch. The Elements of Spirit and Rarch. Surveyance and Earthy or Menalle Matter. Surveyance in an administration of the Spirit and Spir

my precife Number of Chymical Elements; fome Bo any precite Number or Chymicas Esements; some and dies yielding more, and others lefs. And even thefe very Riement themselves are reducible, by a further Process, into

other Flements.

ochter Elementi.
Than, by repented Dillillations of Winz, we faccofficily
get a Spirit of Winz, a vapid Water, a fabricid Water, a
more act Water, (il.) hitter yellow Spirit, and a Capit
accretions, which is refolable into Enefs, Oil, Gr. New,
are thet for many feveral Elementi's Edd, that with
expert the foundation of the control of the control
different from what it was when it existed in the mind's
a supports becar, that upon emissing all the Elementid
Body is refolved into, the Mixture will bear no Referblance to the first Eddy.

blance to the first Body.

In Effect, the Exements from rather to be produced by
the Fire, than feparated by it. Befide, that they are converible, or at less's refolvishe, into one another.

Thus, Spairs of Wime is found to yield an acid, an Oil, and
a Water: And Saits yield either an Acid, or an Alcali,

with Phleon

with bidging.

What makes the Notice of the Chymical Element rills more presented, is, that a Fee-Herly, and a pointeness Herls, hald famenties yeld Element profession Herls, hald famenties yeld Element profession Herls, hald famenties yeld Element profession Elements, with great Accession.

The Reful of monrous Lexeriments made to skertish the Matter is: I have found from the Superiment who was not been also as the same that the same procession of the same profession of the Superiment Profession of the different Force of Fire, but also from the Fermentation of the mixt, preceding the Analysis: That a vertement Fire, rendering different Elements equally volatile, confounds them in the Analysis: That the Fire evaporates, and ab-foliately lofes ferral Parts: And that no have the Ele-ments as pure as may be, only Fermentation and a gentle Lire must be nied.

lies must be sfed.

LEXARDY, as used to state figuratively, for the Principles LEXARDY, as used to state for the principles of the princip mus Pargens, &c. with the Elements of Arithmetic, Algebra, 'I Opticks, gebra, Trigonometry, Architecture, Geography, Navigation, Opticks, Spiericks, Aifronomy, Music, Perfective, Se. The Work is remarkable for this, that throughout, a Kind real and universal Characters are used to that the

con plante Scherten, in an Christia Matterbousteren, in terysts
1813, 2D: Chair, in 1813, 1 Granen, in his Carri et
Antennetique, in 1823, 1 Granen, in his Carri et
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The first published in 1713, and the Grood in 1713, at
Work aret coungle, in 1821, 1 Grane (for and he first
Work aret coungle, be excumented.
Work aret coungle, be becommended.
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The six of the country of the country
Comment on the XV Books of English Element.
Trype, with None to explain English South. The blief
4d Peters are in 1817. Nile, Terregides, made a Comtract
to the country of the Country of the Country
1818, Addition of the Things of the own: And the list
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18 Year 1578, with confiderable Additions, as to the Com-parison, and Inferiprions of folid Bodies; which Work was afterwards re-publish! With a prolix Comment by Clovius; whose Edition has since been variously printed, at various Places and Times

Parties and Irman.

Parties and Irman.

Parties and Irman.

Parties and Parties and Communities, been likewish down well upon Raddel, up has he genreys may he markable for the Concriment and Strifflends of his Demonstration. But as the whole XV Books do not form according, especially for young Mathematicies, time Asserting the Concriment of Concriments of Concrim De Chales, Herizon, and Comma

catenation of Syllogisms, a complete Demonstration arises. consisting of Sylloginia, a complete Demonstration artis. For Renaus dilabol Artish Golde, as expense from his performance of the Complete Complete Con-compiled 23 now Books of Education, in the Order of the Schools, her unbright): The his Engeline Golfen Type-Polymer, a French Physician, in rysk, adjusted Excita-tion are thereby to the Complete Complete Complete Com-lete Complete Complete C

P.P. Sec DIFFERENTIAL

P. See DIFFERENTAL.
ELEMI, or ELEMY, in Pharmacy, a pellucid Refin, of whicili Colone, intermix'd with yellowith Particles, which you it much of the Colone and Confiltence of Wax; of parety brits, bitter, the' not diffagrerable, Taff; and a small like that of Funnel.

the Indian Cane. It is excellent in Difesses of the Head; and proper to digest, refolve and supported. It is held a Kind of Na-tural Balfam; and soveraign in the Cure of all Kinds

Wounds.

The true Gam Elemy is that above described; but there are several spurious ones, some natural, and others facilitious, frequently fold for the same.

facilitious, fragenerily faid for the firme.

The Inditious, or counterfix, it made of Rofin waft'd in Oil of Afpie, the' the ill Smell, and white Colour, might caffy discover the Decit. The natural Gums, a La Gumb besught from the American Bunds, in Barrels of divers Weight, overd up with the Leaves of

Barrids of divers Weight, coverd up with the Acares or Plant unknown in Europhe.

The ad might be taken for Redin, but for its Smilly which is formested feverer, and more arromatic.

The 3d is of an 4th Colour, banking on brown, brought over in large Pieces, we dry and finable. Prought over in large Pieces, wey dry and finable.

The proper does are made any of the Microstic but remained to the control of the property of the pr

and coarfe, fince melted down, and made up by the Chapter of the Order was held at Fredericsburg, in the Fire.

Chaptel of the Knights, wherein fix German Princes were ELENCHUS, in Logic, by the Latins call'd Argumentum and Inquifitto, a vitious or fallacious Argument, which decrives under the Appearance of Truth; the fame

with Sophilm. See Sophism ELEOSACHHARUM, from Yasser, Oleum, and Saccha-

Finds Super; a Mixture of Oil with Sugar, frequently added to diffill dolls, to make them mix with aqueous Fluids for prefeat UC.

ELEPHANT, gives the Denomination to 2 famous with the control of the c Military Order, conterr'd by the Kings of Denmark. See

KNIGHT.
It is called the Order of the Elephant, from its Arms,

which are an Elephant.

which are an Elephant.
There are a deal of different Sentiments as to the Origin and Inditution of this Order: The first is that of Memenius and Hoopingins, who attribute it to Cerifican. of Memorinis and Hoptingian, who attribute is to Carplians (IV, who was skeled Kingi nr. 158; Dec Good, that of the New York of the Control o Bitotropius, maintain Canarias VI. to have been the first Institutor; and the Occasion thereof to be the Crossfades. This Prince, according to the Chronology of Swaming, reign'd towards the Ciose of the XII th Century, from Years 1168, to 1191.

This, at leaft, we are certain of, that the Order was fubfilling in the Year 1494; there being a Painting fall extant, done that Year by Count Reinden, a Knight of extain, done that Year by Count Rermon, a Knight of this Order. And we have even authentic Evidences of the Marquels of Maturat's being created Knight of the fame Order by Christon 1, in 142.4. There are Bulls of Pape Part. II, and Sixton IV, confirming the Statutes of the Order, au-thoriting the holding of Affemblies, or Chapters, in the Chap-pel of Zoojchil, and fertiling the Privileges of the Knights. The Order was at fift called the Order of St. Mary, Ordo S. Marie: The it forms to have had the Appella-tion of the Elephant, as early as Christian 1. Witness the Figure of an Elephant, to often struck on his Coins,

Medals, &c.

The Manner of its Infiltration is thus related: King Canutus having fent a Flect against the Saraccest, in 1189, which took Siluma and Protenness; a Grankeman among the Danija Craifers, kill'd an Elephant; in Me-mors of which corrections accident mory of which extraordinary Accident, the Order was erected. This Account is render'd the more probable by this; that it is refer'd to an Ærs, when nothing was more common than to take the Spoils of a vanquish'd Enemy for Armories, or Cognizances: And accordingly forme of the for Armories, or Cognizance: And accordingly forme of the principal Arms of the like Kind now on Foot, e. gr. the Lious of the Low-Countries, had their Rife at the Time of the Croifadet; as is shown by Hoggers and Hospingnis. Which Circulaters are single the control of th Which Circumitances greatly corroborate the Opinion of those, who ascribe the Order to King Connectes.

who afaithe the Other to King Cansura.

"Hyfferion bounds with him a very subcase, and care
Cam from the Eef to Raner; whereas was feen the
trained that the Canser of the Canser of the Canser
Into this to have been the Budge or Symbol, of the
Datest, energed in the Confider against the Euroscie;
The Classedlers replies, that another Canser of Early
England that the Canser of the Eef Virgin, as
Explorat, and Soften, which was anotherly a Kumer
Explorat, and Soften, which was anotherly a Kumer
tied the Eef Virgin with four Elephorate, changed with
the Eef Virgin of the Eef Virgin of the Holy Virgin
of the Holy Virgin with four Elephorate, changed with
the Eef Virgin of the Eef Virgin of the Eef Virgin
of the Holy Virgin with four Elephorate, changed with
Whome it a present, that before the was under the Proceedior
Whome it a present, that the Choler was under the Procedior Vingia with three Keys, and four Liefphents, and Squars: Wincen it appears, that the Order was used in the Procedium Officer of St. Mary. To the Collars of the Code for Order of St. Mary. To the Collars of the Order Image and Elphont, with a Silver Turnet on its Back; and understand the Liefphent, an Image of the Indy Virgia, restricted to the Code of the Code of

Capells rrum resym: Aucuwares Prederic I, gave it the Name of the Royal Chapple.

The Order was retire'd by Prederic II, who tested Abundance of knights at the Ceremony of his Coronation, which is the only Time when the Danifa Kinga make any of the'te Knighas. Christian V, augmented and enrich'd ir very confidently. In the Year 1694, a grand

admitted into the Order, We have Abundance of Writings on the Subject of this

We have Abundance of Writings on the Subject of this Order's whence that of Josean Bildernoisis may freeze abundance of Writings on the Subject of the Order's threat the Subject of the Subject of the Subject of the Subject of Subje

rebornes; the Sim hones, yet rough to the Touch, at woulder and men all the this in on In Highest. In window and men and the thin the an Highest and the thin the thin the thin the thin the similar the thin the thin the similar thin the similar thin the similar thin the thi

The Greeks call it expansions; and fometimes exists, Elephant, and insparmanuG.

ELEPHAN'TINE, fomething that relates, or belongs an Elephant.
The Term is chiefly applied to certain Books of the

The 1 term is chiefly applied to certain Books of the autient Remaint, wherein were recorded the Actions of the Princes, and the Proceedings, Acts, U.c. of the Senster This we learn from Public, and Poplicat, in the Life of the Emperer Testins, where he observes that in the 6th the Emperer Testins, where he observes that in the 6th the Emperication of the Emperication of a long Courfe of Time, wave down the Decreas, and Eddes of the Senate.

wrose cown one Decrees, and Edicis of the Senare.

In fome of their Books, were registred all the Acts and
Mexicus of the Senate, and the Magnitrates of Rome;
in others, the Proceedings and Events in Provinces, in

an others, the Proceedings and Events in Provinces, in Wil-Ce.

Will Ce.

By Columb and Proceedings and Events of them, as many as there were Tribes: There hings likewise coming in them the litters, and Doptens of the Criticans, the Resumentations and self Things belonging to the Confiner. They were renewed every five Years with the Centifiers, and were all aminously kept in the Africations, or public Transport, which was not the Temple of Sautern. Vigence on Transport Williams and the Temple of Sautern. Vigence of Sautern Wigeness.

fary, which was no the story of the property o

The Physical and the property were made to the intentions of the property of t

Capilla, and Ifidore in his Glotics. He flrews further, or that it was no impossible Thing to write on Ivery, as fi-scatiger hed upgetfed; hat they did not make use of a Goofe Quill as we do, nor of Ink like our: But Rushes, y or Recds, form of a dire a different Manner from our Pens, and Ink fit to take upon Ivery. The Matter of Fath, in a fine, he afters, a clear tiron Marrial, and Planars in his Mollellaria

Moßelsaria. ELEVATION, Altitude, or Height, in Aftronomy. The Elevation of any Star, or other Point, in the Sphere, is an Arch of the Verticke Circle, intercepted between his Star or other Point, and the Horizon. And the Earn Definition ferres for the Depression, or

Depth of any Point. Hence as the Meridian is a Vertical Circle a Meridian

Hence, as the Meridian is a Vertical Circle; a Meridian Altitude, or Elevation, i. e. the Flevation of a Poing, in the Meridian, is an Arch of the Meridian, intercepted between the Point and the Herinon. See ALTYUPE.

ELEVATION of the Pole, is the Altitude of the Pole above the Horizon of any Place; or an Arch of the Meridian, intercepted hetween the Pole and the Horizon. See Pole.

intercepted between the Pole and the Horizon. See Pos.z.
Thus, in Tele Afformous Fig. 9a. AQ being lappofed the
Equator, HR the Horizon, HZPR the Meridatin, and
P the Pole, PR is the Elevation of the Pole.
The Elevation of the Pole, is always equal to the
Latitude of the Pilac; that is, the Arch of the Meridian
intercepted between the Pole, and the Horizon, is equal
to the Arch of the farm Meridian, intercepted between the

to the Arch of the Sime Merotian, interception between one Equator and the Zenith.

Thus the North Pole is elevated 51° 52' above the Ho-rizon of Louison: And there is the fame Diffunce, or Number of Degrees between Louison and the Equator; fo that Louison is likewife in 51° 32' of Northern Latitede. See LAMITTON

To objeve the Elevation of the Pole of any Place. See Pole and Lavirune.

See Fort: and LATTYDER. ELEVATION of the Meridian, left than a Quadrant, amonoped between the Equator, by the set of the Enterton of the Enterton Thus $\Delta Q_{\rm in}$ abelies, representing the Equator, Hardward Peridian and Horizon, P the Pole, and HZPN the Meridian p HA Horizon, P the Pole, and HZPN the Meridian p HA Horizon of the Pole, and HZPN the Meridian p HA The Elevations of the Equator, and of the Pole, together, are always equal to a Quadrant Configurably, the general Elevation of the Pole, the left the Elevations of the Pole in the Life the Elevations of the Pole in the left the Elevations of the Pole in the P

the Elevation of the Pole, the lefs the Elevation of the Equator, and vice verfe.

Thus in the Figure just cited PA, is supposed by the Construction a Quadrant; and HA+AP+PR a Semi-circle: Consequently HA+PR is a Quadrant, To observe the Elevation of the Expansion. Find the Elevation of the Pole, after the Manner al-

Find the Elevation of the Pols, after the Manner already directed under the Article Post.
Subfirst the Elevation found, from a Quadrant, or you.
Subfirst the Elevation found, from a Quadrant, or you
have been proposed to the Pols of the Pols of

GRAPHY.

ORAPHY.

ELXTATION, in the Resuj® Religion, is applied to that Part of the Mais, wherein the Pretti hoths, or railes the Result of the Result at the Elevation, in Imitation of certain Religious whom he does not name. The Chartrense, and the Religious de

la Traje, ftill observe this Ceremony of proftrating them-14 Trage, this observe this Commony of profitating themselves at the Elevation.

Angle of ELEVATION, in Mechanicks, is the Angle Angle Angle Angle Angle Of ELEVATION of a Projectile A.R., and the Husten of Direction of a Projectile A.R., and the Husten and Angle A

the Line of Direction of a Projecilité AR, and the Historical Line AR. See Projective Goan, in the Angle. He avarous of a Alexan Proce, or Goan in the Angle. He avarous of a Alexan Proce, or Goan in the Angle. Of the Conference was the Prince of the Horison. See Moaxan, 1970.

LLLV ATOM, in Chicagory, an Influence sed of the Horison. See Moaxan, 1970.

LLLV ATOM, in Chicagory, an Influence sed of the Horison. See the Conference of the Stad, when beatten, or cruftled in, with Blown, or the like.

There are demand Electrical Electrical White Sections with these Feet,

all'd Elevatores Triploides.

The Elevator and Lever wife, is a new Invention: Its Use is in drawing Teeth. One Extremity of it is flat, to reft on the Gum, at the Bottom of the Tooth, and the

other hooked, like one of the Branches of a Pelican to

ELEVATOR, in Anatomy, a Name common to feveral Muscles, which do the Office of raising or lifting up of the Parts they belong to 3 of equal Import with Attollens

and Levator. Such are, the Extrators Ale Nafi, a Mutike, or Pair of Mutikes of the Nofe, of a Pyramidal Figure, very narrow, the flethy at its Origination on the fourth Boar of the upper Jaw; and very broad and thin at its Termination on the Side of the Ale Nofe; Its Addion is to pull the Ale upwards, and

turn it outwards. See Nose.

ELEVATOR Ani. See Levator Ani.

ELEVATOR Ani. See Levator Ani.

ELEVATOR Anti, or Attallens Anticulam, it in Reality
more than a Port of the Multh of the Scale, with no more than a Part of the Mustle of the Scalp, with four fieldly Fibres in it, as it defected over the temporal Mustles to the upper Part of the Constant is Action is fearer withink; the Auricles being fearer perceived in Men to have ordinarily any Motion at all. See Auricles.

Elevator Oculi, one of the Augiculi Resis of the Eye, rving to draw it upwards. See Rectt.

ferving to draw it upwards. See Recvi.

Flevaron Labiorum Communit, a Mufèle of the Lips,
affing from the fourth Bone of the upper Jaw, and terminating at the Angle of the Lips, under the Zoyzomations. See Lips.

First, Ser Ling. "One or one Ling, under the Offinisher. Exeration Labil inferience, in a MacCin, that stiffer from the formal Bone of the under Jaw, below the Incidence, it defends, and pulsiculated the Zeymannicus, and Tais, stiffined by a final, but thoug Pair of Mulkin, and decordanging from the Good of the Zericzi Indipiri, and decorded the Chin; and ferres to pail the Skin of the Chin unsured, and conforcemy thrult up the Lip. "Per Exer year, Lipid injection," arietable from the Ching in the Chine and deferred ingoling delivery, in intend into the upper Lip, above the Zierczi Radjoi. It draws up the Lip.

Exercised Scapella. See Exercised.

ERVEYAN Soughele. See LEVEYON.

ELSVE, a Term pumply Foreign, the of late wild in our Language. Literally it figuring a Papil, or Scholler, at Levey L

vivanci.

The Denomination Eleve, however, has been fince supperfield, and that of Assoint Subtituted in its Room; by Reastine vivalence and the supperfield, and that of Assoint Subtituted in its Room; by the Academy. Body side not know the Sense similar to by the Academy. And now the Pensionary Academists have not, as formerly, each of them an Eleves: But the Elevest are become Assoint, or Allocates to the The Word is form'd of the Italian, Allievo, a Difciple

or Novic

or Novine.

ELEUSINIA, in Anaiquiry, the Mysteries of the Goddefs Gora; or the religious Curamonius performed in her
the control of the control of the control of the control

the Affairence, wherein was a Temple of that Godder,
famous for the Cohbestion of their Mysteries.

The Einstein were the most forms and fained Corrwere called Affairent by Way of Entinence, They are
fall to have been silinitured by Cerr Lee foil, at Einstein,
in Memory of the Zeal and Affellion wherewish the
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Athenium receivă her.
This is the Account Hieratest given in his Panegrie şi bar Zhaidran Simita vilaven su, L. VI, shat the England her Zhaidran Simita vilaven su, L. VI, shat the England for having inthroduled then to lot al a fish barbanou and rathe Life. Yet the finne Anther, in the first Book of his Zhiladran, without the Things in one consisted a militarile properties of the properties of the properties of the Panes theoretical and militarile Famme throughout all Greens y Egypt, which had that Nor respit a not plantial Harvey, belowed Pares of the Panes throughout all Greens y Egypt, which had that Nor respit a not plantial Harvey, belowed Pares of the Panes throughout all Greens y Egypt, which had that Panes throughout all Greens y Egypt, which had that Panes throughout all Greens y Egypt, which had that Panes throughout all Greens y Egypt, which had that Panes throughout the Panes through through through through through the Panes through the Panes through the Pa

This Account comes near to what we are told by Herodotne

and Ponfunies, vis. that the Great kernel that Gods, and their Religion from the Egylstens.

"Desisters, I. I. Genesister, "Miss the Eight State of the State of to all Gresco.
The Matter of these Mysberies, as related by Armsbins

wo all Green.

The description of the hypothesis, as clearly by Amsteir and the Market was a limitation, or Repreferenties, or what the hibbs truch of Gerner. They littled ferent Days; dealing which, the twoley can above with healing Tucket and the colors of the colors of the Corts, but all to a Tucket and the colors of the Corts, but all to a Tucket, and the colors of the Corts, but all to a Tucket, and the colors of the Corts, but all to a Tucket, and the colors of the Tucket, and the Corts of the Corts, but all to a Tucket, wherein they found it is a transfer of the Corts, but all to a Tucket, wherein they found in Far in the Corts, and the Corts of the Corts, but a transfer of the Corts, and the Corts of th

Those we have been hitherto fpeaking of were the

The leffer were inflituted in Favour of Herendes: Fo

The lifts were inflittual in Favors of Herriter Is to the Rev. Section of the Property of the Rev. Section 1. The lifts were inflittual in Favors of Herriter Is to the Rev. Section 1. The process we prohibited any Stranger being admired being both lowever on give him or includes Denial, they The Property of the Rev. Section 1. The practice was been in the lifts in the Month of the Rev. The Repetits of the Rev. Bearing on the Article 1. The property was the lift of the Month of the Property of the Rev. Bearing the Property was on the partial of the Property was on the partial of the Rev. Bearing the Rev. Bearing

into Attica.

ELEUTHERIUS, in Antiquity, a Greek Word, fignifying Liberstor, Deliverer; given by the Greek, as a Scrame, or Epithet or Papier, on Occasion of his having gain'd them the Victory over Marsonius, General of the Perstans, and killed 300 Thoufand Men of his Anny, and by that Means delivered them from the Dazger they

and by that Means deliver'd them from the Danger they were under of being brought under the Perfiss Volke. There were also Feaths folemnized, on this Occasion, in Thouse of Jupiter Eleutherius, and call'd Eleutheria. They were held every five Years, with Courfes of armed

The Scholiass on Pindor, Olymp. Od. 7. fays, they were celebrated at Places, the Piace where the Victory was obtain'd. The Word is form'd from insiling , free.

ELICIT, or ELICITE, in Ethicks, is applied to an Act of the Will, immediately produced by, and of the Will, and received within the fame.

Such is Willing, Nilling, Loving, Hating, &c. Such Ach are denominated Ziritt, by Rexison being before in the Power of the Will, they are now brought forth into Ach. Bat theft Achs are fo far intrinse, that some Authors consider them as the Will is felf; and deny they should be diffinguilhed from it any more than that Light is to be diffinguilhed from the San.

warmee the word exposuries, occ.

FILISION, in Grammar, the cutting off, or suppressing a Letter, at the End of a Word.

Eliston are but little known in English: In Letin, Proced, &c. they are frequent; and consist mobily in Suppressions of the e final.

prefisions of the é final. In Writing, it is mix'd by an Apollrophe; as egon' atom open-m, for gone. Emin' ego ne' tor Eusten. Vrusillai for Foulitine, for. Cett Epyermer, for Gette: P bommes, for le bommes.

In the Procumination we make frequent Eliftons, but In the Promunication we make frequent Ellifons, beden't mank them in Writing 1 has we write 179pe it, but personance rife' it. So the Prench personance wie same, but write nue same. In Effect, they never mark any Ellifons but at the End of the Monofyllables je no le ree og gon and let. They never elide the e, one n, nor i, but in the Conjunction fi before it's nor a but in let.

and Jac. They never clast the a not in, nor in, nor in the in Peory, the Spallab where there is a Nowe Ettick, in sever section 3: And gent One is taken to avoid the smalley what they call a little as the continuous of the smalley what they call a History, or Chain (Jac.) and Heading the they call a History, or Chain (Jac.) and Heading of both and the smalley what they call a History, or Chain (Jac.) and the Hall and

DECOCTION.

DECOCTION.

ELIXIR, in Medicine, a compound ExtraCt, TinCure, or Efficee, drawn from a Mixiner of feveral Ingredient, by inviting them in a proper Manfraum. See Extra.Cv. Cv. it is a firong, fipithosou Liquor, or Jaice, to be taken insuredly a containing the purch, and most efficacious Paris of several mark d Bodies, communicated to it by Infusion and Maceration.

Dr. Quincy defines it a firong Infusion in some Men-struum, whereby the Ingredients themselves are almost diffilited, and a Juice thus acquired of a thicker Con-fittence than an ordinary Tinchure. See Tincruzz, In-

faitence than an orumay amount reuton, Gr. Beerhasse takes an Elixir to be a compound Magi-flery, i. e. a compound of various Bodies, changed after the fame Manner as a fingle Body is in a Magiflery. See MAGISTERY.

See Magistrax.
Spirits drawn from Vegetables, i. e. the firong, or fpirituous Waters of Vegetables, are ufually the Bafe of Elisert and the Menituum, or Diffolyent, whereby the Effacts of the other Ingredients is drawn or feparated. Spirit of Wine is the bell and most commodious Menituum

of all.

The Conference also's the Term Elieir, and apply it to them of a the higher Friez, Some Anthon, for Ellieir, and the Wood Zounglieron. See Quayrens seen, seen and the Wood Zounglieron. Seen and the Elizeiron Seen and Seen of beauting placeful as Luculum of Seen and Lifeiron. See the Seen and S Elizips. Laftly, others from them, to draw.

ELIXIA Proprietatis, is a Remody first invented by Paracolfis. It is composed of Alocs, Myrrh, and Saffron; the Tincture, or Effence whereof, is drawn by purting them

the Tinchure, or Efficie whereof, it drawn by parting them to diffilled, or digeld with Spirit of Sulphur. Some add Spirit of Wine to the Spirit of Sulphur. Couling them to the Spirit of Sulphur. Craffins takes this Elevir to be the Balm, or Balfam of the Antients adding, that it contains all the Virtues of the Natural Balm. It comforts and ferrifies the Heart and Someth, failib Digelflow, partifies the Blood, and promise of the Spirit of Spirit morey Sweet

motes Sweat. Exixia, among the Akhymith, is afed for the Philo-fopher's Stone, or the Psender of Projedieus, and some-times for an Univerfal Medicine, which fitall cure all Distates, called by Way of Excellence the Grand Elizir. There two Things, most Akhymith take to coincide; of that what will make Gold, will care all Diffacts. So

So that what will make Gold, will care all Diffacts. So Pullicoppina-May be used to the South So

Vegetable Sord of Nature, Solar Sonl, Soc. Oct. Egypt.
Tom. II., p.450.

ELIAS Geart, in Pharmacy, a Drug, Supposed to be
ELIAS Geart, in Pharmacy, a Drug, Supposed to be
ELIAS Geart, in Statement in the Shape by the
Name of Ungel. Sol.

The Animal that yields it, call'd by the Latine, More
The Animal that yields it, call'd by the Latine, More
than the Solar Solar

and Month References in an events of America, and most present of North America.

The show the Disc and Figure of a Maki, only in North America.

The show the Disc and Figure of a Maki, only in North America.

The show the Disc and Figure of a Maki, only in the North America, and the North America It neither runs, nor bounds; but its Trot is almost equal to the fwiftest Running of a Deer,

to the fwirfed Ramsing of a Deer.

Panginate frey, that the Mak has Herax: And Cofer,
that the Ramsle lath rose: But we find that both have
the Ramsle lath rose: But we find that both have
most agreeable ramplesporanes of the Savage of Caesta,
Accoldin, Soc. They clast a Time when the Soon is not
for Ground, has the Savage of Caesta,
Accoldin, Soc. They clast a Time when the Soon is no
for Ground has the Savage of Caesta,
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Caesta See CHAMOIS.

See CHAMOIS.

The Savages likewife take care to cut off the left hind
Foor of each Beaft; especially if it be a Female; the
Hoof whereof is that applauded Remedy for the Falling

Sickness.

fishclose. Accordingly, Olaus Maynus fays, 'is the outer Hoof of the right Foot that the ZB parts in its Ear to care the Olaus only flower of the right Foot that the ZB parts in the Ear to care the Olaus only flower of it by Way of fixed defen as if the CB parts of the

EF L. 17/24. 2 Measure, which obtains under different ELL, Uses, a Musiure, which obtains under

Denominations in most Countrie. See Measons.

The Ell is the Stendard, or Measine, whereby Cloth, Stuffs, Linecas, Silks, &c. are usually measured, or effimancel; a nivering, in good Measure, to the Yard of
England, the Casma of Indly, the Varre of Spain, the
Pain of Sicily, &c. See Yard.

Stroins will have the Ell to be the Space contain'd between the two Hands when stretch'd forth: But Sucronius

makes it no more than a Cubit. See Custra

makes it no mere than a Cubit. See Cubit.

The Ellis which occur most frequently in England, are
English and Hennis. The Ell English contains three Foot
nine lackes; or one Yard one Quarter English Measure
The Ell Fennish, 2: Inches, or three Quarters of a Yard;
to that the Ell English is to the Flomish Ell as five to

three.

M. Rieard, in his Treasife of Commerce, reduces the BM. Rieard, in his Treasife of Commerce, reduces the State of the Commerce of the

See Malawal,

ELLEBORE, a Medicinal Plate. See Hellebore,

ELLIPSIS, in Geometry, exc of the Costic Sections,

Popularly card a mouth of colledes,

The Enlight, to define it from its Born,

continued cure Life, including a Space that is founged

than broad a wherein are two Points equally defines from

the two Extenses of the Longh, if new which, two right

Lies being drawn so any Point, affined at Picefare in

Dates they drawn so any Point, affined at Picefare in

Dates they drawn so any Point, affined at Picefare in

Dates (Fig. 18 cm is equal to the Longth of the

Thus, in the Ellipfis A E B M D, &c. (Tab. Conicks gg.:1), the Lines Fa and fi drawn from the two Points and f, equally dillant from the two Extremes A and B, re equal to A B.

are equal to A.H.

Ot, taking the Ellipse, as Geometricians frequently do, for the Space contained, or included within this Curve Lines; it is defined a Figure, contained under one fingle oblong Line, and having two annequal Axes or Diameters A B and DE.

AB and DE.
The general Asis of the Ellipsis, or the right Line representing the Leagth of the Filipsis AB, or of the Space
included by the Filipsis, is called the Vironizorie Aris, or
Diameter: And the letter Asis, representing the Breadth
of the Ellipsis De, the Conjugant, or feemed Aris. The
two Axes always besides each other at right Angles. Axis

See Axx.

The two Axes are the two greatest Diameters of the Ellifost, but there are an Infinity of other different Diameters. See Conspoars, Transverses, &c.

The Centre of on Ellifosts, is the Point C, wherein

The Correct of the Extrans, is the Point C, wherein the two Arts interest of the Correct of the two Arts interest of the Correct of the Edition, and the Correct of the Edition of the Correct of the Edition of the Correct of the Correct of the Correct of the Edition of the Editio of the Bafe AB, produced in F.

of the Bate A at, produced in F.

Or, defining it from one of its known Properties affuned; an Ellippi is a Curre Line, wherein the Square
of the Semi-sedimar P M, (Fig. 2a.) is to the Rectingle
of the Axis A P and P B; as the Parameter, to the

Thus, if AB = a, the Parameter = b; PM = y; AP = x: Then will b: a:: y:: ax - x'. Confequently ay' = abx - hx'. See Conre Section.

ay* == akr = akr. Sec CONIC SECTION. Hence, 1, y*= he = hr: 2. That is, the Square of the Semi-ordinate, is equal to the Reckingle of the Parameter into the Abblish abuting another Reckingle of the fame Abblish into a fourth proportional to the Axis, Parameter and About.

rameter and Abscifa

rameter and Abfelis.

And hence the Word Ellipsis, which is formed from the
Greek, Bazarlus, Desicience, a Denomination the statistic
Greek Geometricians gave this Figure, by Reasilus, among
other Properties, this is one, that the Squares of the Ordiants are left than, or defolious of the Rechangles under
the Parameters and Abfelies. I.1* 90

To find the Axis, Parameter, and Semi-ordinate of an Ellipsis. Honce, elfo 2*. The Parameter, Abédis, and Semi-ordinates, in an Ellipsis being given; the Axis is found by making 1. b; $y_1 : y_2 : y_3 : y_4 : y_4 : y_5 : y_5$

thus tound; Make $A \Vdash P M_3$ and from A, time M_1 draw the right Line $A \Vdash I$ in I erect a Perpendicular $L \Vdash I$. Then, fince $A \Vdash P M$: $A \Vdash I \Vdash I \vdash I \vdash I \vdash I \vdash I$ and $I \vdash I \vdash I \vdash I \vdash I$ and $I \vdash I \vdash I \vdash I$ and $I \vdash I \vdash I$ and $I \vdash I \vdash I$ and $I \vdash I$

ocular GA = 3 r (ca = 3);

meter A G.

4. The Asir A B, and the Pasameter A G being given,

4. The Asir A B, and the Pasameter A G being given,

we can affign every Abfeifs, as B P, its Semi-ordinate

P N, 10 y drawing the Line G B to the Parameter A G,

which is perpositedized to the Axir A B: Theoretical Con
deferble a Semi-circle.

A Propositional P N, make P L = P H. Latity, on A L

deferble a Semi-circle.

To find the Foci, conjugate Anis, Ratio of the Ordi-

notes, &c. of an ELLIPSIS.

1* From B to L, (Fig. 22.) fer off half the Parameter; then will $C L = \frac{1}{2} a - \frac{1}{2} b$. In the Centre C erect 2 Perthen will CL = 2a - 2b. In the Centre C erect a Perpendicular CK, meeting the Semi-circle deferibed on AL. Thus will $CK = \sqrt{(\frac{1}{2}a^2 - \frac{1}{2}ab)}$ Therefore, making CF = CK, F will be the Fouri. The latter Equation furnishes us this Theorem.

furnifies us this Theorem.
If the Axis AB, be cut in the Focus F, the Rechangle
under the Segments of the Axis AF, FB will be fubquadruple of the Rechangle under the Parameter and the
Axis. Sor Focus.

quatures of the Aris. Sor Focus, and Aris A B given, the Conjugate at The Parameter, and Aris A B given, the Conjugate Aris is eafly found; as being a mean proportional, between the Aris and Parameter. Configuently, the Parameter is a third proportional to the greater and lefter Aris, Add, that the Square of half the Conjugate Aris, is equal to the Aris Aris and the Uniform of the Focus from

is a time propermiser, and the mean register due to the Rectangle, under the Dilitance of the Focus from the Neckongle, and the Dilitance of the Focus from the Vertex, and its Gemplessent to the Asia.

In the Neckongle of the Rectangle of the Rectangle means the Segments of the Asia. Here: D C**; P M** = G3**; And p m, G**, are to each other as the Rectangles means the Rectangles means the rectangle of the Rectangle of the Rectangle of the Rectangle means the Segments of the Asia in the Segment of the Asia on the Focus of the Segment of the Asia on the Focus of the Segment of the Asia on the Focus of the Segment of the Asia on the Focus of the Segment of the Asia on the Segment of the Asia on the Segment of the Asia of the Segment of the Asia on the Focus of the Segment of the Asia on the Segment of the Asia of the Segment of the S

the Foci F and f are determined.

"I The Sum Sofficial and Examination of the Sofficial and Examination of the Sofficial and Sof

about the Nails will deferibe an Ellips.
6. The Rectangle under the Segments of the Conjugate Axis, is to the Square of its Semi-ordinate, as the Square of the Conjugate Axis, to the Square of the greater Axis. Hence, the Co-ordinates to the Conjugate Axis, have the fame Relation, as there is between the Co-ordinates to the greater Axis. Confequently, the Parameter of the Conjugate Axis, 18 a third proportional to the Conjugate Axis,

and the greater Axis

To determine the Subtangent P T, (Fig. 25.) and Sub-normal P R in an Ellissis.

7°. As the first Axis, is to the Parameter; so is the Distance of the Scool-ordinate from the Centre, to the Sub-See Subnormal. normal.

normal. See Suproposata.

8°. The Rectangle under the Segments of the Axis, is
equal to the Rectangle, under the Dutance of the Semiordinate from the Centre, into the Subrangent. See Sus-TANGENT. TANCENT.

9°. As the Diffuse of the Semi-ordinate from the Centre,
is to half of the Axis; to is the Abicits to the Poerion
of the Subrangent intercepted between the Verrex of the

Ellipsis and the Tangent.

10. The Reclangie under the subtangent PT, into the abbitis AP, is equal to the Reclange under the Segments

of the Axia. Hence, the Square of the Semi-Axis A C, is equal to the Rectangle of C T, into P C.

11. The Rectangle under the Sabinangent, and the Difference of the Ordinate from the Centre, is equal to the Difference of this Dilkane, and the Square of the Trans-

perfe Semi-Axis.

verif Semi-Asia.

1s.* In an Ellippis, the Square of the Semi-ordinate is to
the Square of the Coojugate Semi-diameter; as the
Reclaragie under the Segments of the Diameter, to the
Square of the Semi-diameter. Coofequently, the Relation
of the Semi-diameter to the Diameters, is the fame as
to the Asea: And the Parameter of the Diameter, is to the Axes: And the Parameter of the Diameter, is a third proportional to the Diameters. Influste Ellipses, are those defined by the Equation aym + m = bm m (m - m) which found call Ellipsoides, if m be greater than 1, and n greater than 1. See Ellipsoides,

be greater than 1, and n greater than 1. See Elliproides. In Respect of these Curves, the Ellipsis of the first Kind

called the Apollonian Ellipfis.

Quadrature of the Ellipsis. See Quankature. Ellipsis, in Grammar, and Rhetoric, a figurative Way of fpecking, wherein fomething is furpretty way of fpecking, wherein fomething is furpretty, or left out in a Distourie, and furposted or understood. See Facurar. This chickly bappens, when, being under the Transport of a violent Passion, a Man is not at Lessure to the very Thing cost at Length; the Tongue being too flow to keep Pace with the rapid Morious of the Mind. So that

kerp New with the "rapid Morican of the Milad. So that on their Constitute we only help first blooken, interrupted Words and Engendering White heavest the Violence of a Register of the State of the St

the asope or Albitimee at Hand naturally raises Courage, and gives now Strength.

If the Foet had added a Word, and faid, Ollis fless adding inflicits Iras, the Passage had been captelly affelded to the first Scotle; and it had ceased to be a Sentence, and commenced the Application of a Sentence. The Supportilion of that Word makes a Sentence in Kotta.

See SENTENCE.

See SENTENCE.
This, that excellent Critick looks on as one of the Finefits of the Latin Tongue, wherein it had willly the Advantage of the Modern Tongues. Traite du Poeme Epignu. Page 466, 52.
ELLPTIC or ELLPTICAL, formething that belongs to an Ellipfit. See Ellipsis.

ELLIPTIC, OF ELLIPT INVOLUTIONS OF THE PLANT IN THE PLANT Hypothefis, is now the prevailing Doctrine. See ORBIT.

Dr. Hase Newton demonstrates, that if any Body revolve round another in an Elliptic Orbit, its centrifugal Forces, or Gravities, will be in a duplicate Ratio; or as the Squares of its Difference from the Umbilious, or Focus. See CEN-

TRIFFIAL.
Sprile, Harrman, &c. demonstrated that the best Form
for Arches, or Vasits, is the Elliptical. See Arcs.
ELLIPTIC Space, is the Arcs, contained within the Circumference, or Curve of the Elliptic Space is to a
'Ts demonstrated, 1º. That the Elliptic Space is to a

Circle described on the transverse Axis; as the Conjugate Diameter is to the transverse Axis.

2°. That the Elliptic Space is a mean proportional between two Circles described on the transverse and conjugate

Axes. See CIRCLE. ELLIFTIC Concid, is the fame with the Spheroid. See SPHEROID.

SPHEROID.

FELIPTIC Specula, or Mirrors. See Mirror.

ELLIPTICAL Compagits, is an Influement, made ulually in Barfa; for the drawing, any Elliptis, or Oral, at one Revolution of an Indice. See Compaging.

ELIPTICAL Dial, is an Influement, ufually of Brafa, with a Joint to fold together, and the Gromon to fall flat; for the Sake of the Pecket.

flir; for the base of the Pecket.

By it are found the Meridian, Hour of the Day, Rifing and Setting of the Suo, U.E. See DIAL.

ELLIPTOURES, an Infinite Ellipfit, i. e. an Ellipfit defined by the Equation ay** + ** = bx*** (** - x*)***, wherein \$m > 1\$ and \$n > 1\$.

Of this there are feveral Kinds or Degrees: As the Cubical

Ellipsoid, wherein $ay^3 = bx^3$ (a-x). A Biquadratic or

Bundefolidal Williamid on their of the third Onder and

Suradofatida Estispana, or una consideration $2y = bx^n (a - x)^n$ and the corresponding term of the corresponding terms of the corresp

ELOCUTION, is defined by Tally, the challing and aslipting of Work, and Sentence, to the Things, or Sent-mens, to be expected. It to the Elements properly beings the common to the Common the Common

tologia, Commendation, &co conspec, Commendation, Scc.

That fine Diffcourie of Horrary, entitled methypers, is a hitforical Elege, of the City of Arbons. Fa. Lebby, has compored an hitforical Elege of the City of Hounger; Fa. Menefreer, of the City of Lioux; and M. Marrigman, of the Billiops and Archiffons of Paris, for about

of the Diffuse one Century.

The Screetary of the Royal Academy of Sciences at Parit, makes the Eleges of fuch Members as die; and delivers them in public at the next Meeting of the Company. Funeral Orations are only Eleges of eminent Perfons

Some Authors have wrote Eleges on despicable, and even

some Authors have wrote Edges on despicable, and even permicious Things. See ENCOMIVM. ELONGATION, in Affronomy, the Digreffico, or Re-ceding of a Planet from the Sun, with Respect to an Eye placed on our Earth. See Planer.

coding of a Fluest from the Son, with Refport to an Eye.

The prested Diffusion of the Fluest, "Mr. for one Son, is called the greated Ellogarius: Which varies on two Romans, ris, in that both the Earth and the Fluent ready."

The Entlogation is chiefly confident in Franz and Microry 'T the greated Ellogation for Fluest and Microry 'T the greated Ellogation for Winter in 4 Disgreater years, "The Entlogation is chiefly confident in Franz and Microry 'T the greated Ellogation for Winter in the Bondow 47 s, not the latter above 5%. Where it is that other 47 s, not the latter above 5%. Where it is that the Bondow 47 s, not the latter above 5%. Where it is that the Bondow 47 s, not the latter above 5%. Where it is that the Bondow 47 s, not the latter above 5% where it is the Light of the San. See Max even and Vares.

Elementer on, a 16 such of the God and Control of the Bondow 47 s, not the Bondow 47 s,

Sun, is called the Elongation of Sun, is called the Elongation, who was also be Moon and Sun.

We also fay Diurnal Elongation, Horacy Elongation, &c.

We also fay Diurnal Elongation, or Angle as the Earth, is the Gootne We allo fay Juriant Lioughton, Henry Liougasson, oct.

Ingle of ELONGATION, or Ingle of the Earth, is the

Difference between the Sun's true Place, and the Geocomtic Place of a Planet. Such is the Angle ETR (Yab.

Affronson, Fig. 40.) between the Place of the Sun E, and

that of the Planet R.

that of the Planer R.

EtoneArtrons, in Chirurgery, is an imperfed Luxation 2 when the Ligament of any Joint is fo extended, or relaxed, as to lengthen the Limb, but yet not to let the Bone 50 quite out of its Place. See Luxation.

ELOPEMENT, in Law, is when a married Weman, of ther own Accord, departs from the Houseland, and dwells

on ner owo Accord, departs from her Flussiand, and dwells with an Adulteret; for which, without voluntary Recon-cilement to the Hushand, fle fluil lofe her Dowry; nor fluil the Hushand, in fuch Cafe, he compelled to allow her any Alimony. See ALIMONY.

Sponte Virum Mulier finiens, & adultera falla, Do te sua careat, nis sponso sponte recraita.

The Word is derived from the Sexon, Lieleopan, i. s. to depart from one Place to dwell in another.

ELOQUENCE, the Art of Speaking, or Writing well or of touching and perfevating. Ser Reference and

Demofibenes, and Cicero, are the Princes of antient Demolétenés, and George, are the Princes of assistent Elepteneer, is to one among the Greeks, the other among the Remansis. Their Manners, however, was exceedingly deficrent; the first being forde, fittong, mercure, conside, fevere, for that a Word could not be sparsels: The latter continual fordiral, and rich, for that a Word could not be added. It was objected to Gleery, that his Elepteneer was objected to the state of the state that is, redundant, or Thoughts. See STYLE.

Pericles was call'd a Torrens of Elegannes, a Tran-derbolt of Elegannes. Pedants don't distinguish Elegannes from the heaping up of Figures, the Ufe of big Words, and the Roundacts of Periods.

True Eloquence depends principally on the Vivacity of the Imagination. In Strictness, 'its not that which gives Grace and Ornament, but Life and Motion, to Difference.

Grace and Grassment, but Life and Motion, to Diffconting.

In Minn is that of an Amasson, not that of a Copacte.

The Authors of the Art of Thinking remark, that the Rules of Elspanace are observed in the Convertices of Propie naturally Elspanace, the other pere think of them, while they pre-think of them, while they practife them. They practife those Rules because they are Elspanace, they don't set them to the

The Eloquence of the Chair, and Pulpit, is much more difficult than that of the Bar. Sir George Mackennie has a Treatife of the Eloquence of the Bar. Idea Eloquentie

foreigh, &c.

ELUDING, the Aêt of evading, or rendering a Thing
vain, and of no Elicet; a dextross getting clear, or efeaping
out of an Affair, a Difficulty, an Embarras.

The Defigo of Chicarey is to slude the Force of the
Laws: This Dochor has not refolved the Difficulty, but

Laws. The Britter has not referred the Difficulty, but Elizabet in Too Harter a Propertion, Gr. Allexander, Gay the Hilberta, in carting the Gerdine Koos, either Elizabet the Oracle, or HillERI dit. He expending the Hilberta cann Internation Notice, which, Hoppit, Georgia Commission of Commission and Commission of Commission and Commission of Commiss

re, in rich; number of with Ficids, Meads, agreeable Woods, Groves, Shades, Rivers, See, whither the Souls of good Popple went after this 1.16.

People went after this Life.
Orpheus, Hernates, and Emess, are held to have defended into them, in their Life-time, and return'd again,
Virgit, Lih V. v. e. 88, Efe. And Tribullus, Lib I. Eige. 3,
give us fine Descriptions of the Elysian Fields.
Virgit, oppose Elysian to Tartara; which was the
Place where the Wickel underwent their Paufishment.

Heic Locus est, parteir ubi se via sindit in ambas: Dextera, que Ditis magni sub mania tendit: Hac her Elvsum nobis: at leva Masorum Exerces Panas, & ed Impia tartara mittit.

Some Authors take the Fable to have been betrowed on the Phanicians; as imagining the Name Elvinose from the *Phemician's as imagining the Name English formed from the *Phemician *Py Julia,* or *YPY Julia; to *CYY Julia,* to rejoye, or be in Joy's, the Letter a being cone; changed into e, as we find done in many other Names; as in *Enskin, for Anakin, &c. On which Fronting *Lipsfan Fields thould lignific the fame Thing as a Place *Lipsfan Fields thould lignific the fame Thing as a Place Pleasure, or:

- Locos letos & Amana virella Forsumatorum Nemorum, fedefque beatat. Vira.

Others, derive the Word from the Greek, Now., folco., I deliver, I fer loofs, differences; by Reation here Men's Scals are freed, or differenther'd from the Fetters of the Body. Hernolders and Hernins, Hitt. Philotoph. L. Ill. C.z. Soals are freed, or differentiaberd from the Petters of the Body. Europhides and Horainst, Hith, Philoloph, L. III. C., a take the Place to have derived its Name from Eliza, one of the fifth who came into Green after the Debuge, and the Author and Father of the Healthon. Of Rushrecks con-tracts, that it was in Stockets the Elyfan Fields were placed. See Acaraos. On the Subject of the Elyfian Fields, fee the Treatife

J. Windet, de Vita functorum Statu.

ELYTHROIDES, in Anatomy, one of the proper Coats, or Tunicks of the Telticles. Son Testicin. The Elythroides is the fecond proper Coat of the Teffer: refembles a Sheath, or Vagina, whence fome have also

call'd it Vasinalis. can'd at Paginats.
It is formed of a Dilatation, of the Production of the
Personneum: Its inner Surface is fmooth and equable;
and the outer rough and unequal; which makes it adhere the more finengly to the first of the proper Coats,
called Frishmetigen.

called Erithroides. The Word is form'd of the Greek, Laster, Vagina, a eath, and ##@-, Form

EMANATION, the Act of flowing, or proceeding, from one Source, or Origin.

fonce Source, or Origin.

As, the Emementies of Light from the San; of Effavia
from oderous, &. Bodies; of Wildom, from God, &.

The Word is alfo fund for the Thing that proceeds,
as well as the Act of Proceeding: As, the Power given a
guide, is an Emensation from the Regal Power. The reaformable Soal is an Emensation from the Divinity: The
Body Spirit is an Emensation from the Subre and the

Son, Ge.

The Word is form'd of the Latin e, out, and manare,

Among the School-men, Emanation is also uled for the Production of fome lefter Thing, in Order to the Pro-duction of a greater, by Virtue of some natural Connection,

or Dependance between them.

or Disponitive leaves them.

For, a when feeral Morenbie are joyald together, the fune Four that moves the first moves all the reft (as in pullag up the Fund, top unit put he Koon, Intrack, O'C, or an drawing our limit in the first move the contract of all the reft.

to the other; fo that the first determine the Agust to the Production of all the retts.

In the Production of all the retts.

In the control of the production of the Production from the production of the Produc See CARRE.

EMANCHE, in Heraldry. See MANCHE.

EMANCIPATION, in the Rossess Law, the Act of fetting a Son free from the Power, and Subjection to his Father. See Freedom, Enfranchising, Sc.

Finden. See Frances, Everanceauxus, Ge.
The Effect of examerisation was the the Goods, and
The Effect of examerisation was the the Goods, and
quier, finality to the first property, and not the Property
of his Fathery as they were before Examinations. Before
that, Examination put the Son in a Capacity of resFather's Confert, the Minor, or Popul, and his than
a 3, Yann of Age. See Ferrix, Ge.
Francis Confert, the Minor, and promoted to fine
Charles and the Conference of Age, see by Marriage 1 in
Charles Conference on the Conference of Age, see by Marriage 1 in
The other capture, where the Father Geduced before the

The other express, where the Father declared before the Judge, that he emancipated his Son. This was not per-form'd without fome Formality: The Father was first to fold his Soo imagicarily, to another Man, whom the Law-yers call *Pater Fiductorius*, Father in Truft; of whom being bought back again by the natural Father, he mana-mitted, or fet him free by a Declaration before the Judge.

See MANOMINION.

That imaginary Sale was call'd Mannipatio; and the Manomillion, confequent thereon, Enancepatio.

Enancepation fill obtains in France, Chefly, with Regard to Minors, or Pupils, who are hereby fet at Liberty to manage their Effects, without the Advice, or Direction, of their Fathers or Tutors. It must be observed, however, that the Emancipation only extends to the felling of Movetime the summitty parties only extends to the selling of Move-ables, and letting of Lesles, Ue. of Immoveables; wo to the Selling or Mortgaging of Immoveables: Which are only done with the Confine of a Carator, ordinarily ap-pointed a Person when emanacipated.

Formerly, Emsneipation was perform'd in the ordinary Courts of Julice, when defired by the Child; but if he were a Misor, the King's Letter was required. The' there Court of Julies, when defined by the Child's but if he were oblewing to Educate/patient, as Murriage; the Age of as Vears' And in fonce Previous, the Death of the Power of the Father and Market conjustify, the American Court of the Child's Court of the Court of the Child's Court of

pium, a Slave EMASCULATION, the taking from a Male those Parts which make the Character of the Sex. See Cas-

EMAUX de P Efeu, in Heraldry, the Metal and Cours of a Shield, or Scutcheon. See METAL and lours of

EMBALMING, the Opening a dead Body, taking out the Intellines, and filling their Place with ederthrous and deflicative Drugs, and Spices, to prevent its putnifying.

The Word is form'd from Balm, which was a principal Ingredient in the Embalmings of the antient Experiens.

Sec BALM.

See Batta.

The Body of Jenn's was 4c Days in Embeddings in Egypte. See Genglis 50. v. v. Mary Milly Milly Milly and Mary Rose Genglis 50. v. v. Mary Milly Milly

that airve. Dr. Grew, in his Mufemux Regelit Societatii, is of Opinica, that the Egyptum boild the Bodies in a large cladeon, with a certain Kind of third Bodies in a large fon it, that in the Mummini specifiered in the Collection of the Reyal Society, the Balla has presented one only the fieldy and foff Parts, but even the very Bones if, that they are all as black as if they had been barn. See Manager

Mausary.

EMBARCADERE, in Commerce, a Spanish Term, much unted along the Coalts of America, particularly those on the Side of the South Sea.

The Word fignifies a Place that ferves fome other confiderable City farther within Land, for a Port, or Place of Shipping, 1, 4 of embarking and defembarking Commoditions. ties. Thus Colan, c. gr. is the Embarcadere of Lima, the Capital of Peru: And Arica the Embarcadere of Posofi. There are Embarcaderes 40, 50, and even 60 Leagues off the City which they ferve in that Capacity. EMBARGO, a Rethraint, or Prohibution, imposed by a Soveraign, on Merchant Vessels; to prevent their going

out of Port; foractimes their coming in; and foractimes both, for a limited Time. Embargo's are usual in Time

colis, for a sinuscot time. Enterpoly are usual in time of War 5 in Apprehensions of Invainous, but the Government may make Uffe of the Merchant Veffels, with their Eguipege, Ge. in Armaments, Expeditions, Transporting of Soldierts, Ge. Embarge? are of the world Confequence

to Commerce imaginable, EMBARRAS, a French Term, tho now naturalized. It fignifies a Difficulty, or Obitacic, which perplexes or confounds a Perfon, &c.

The Embarras was very great in the Road, by Rea-fon of the Army which defiled therein. A Man lives more in two Days of Leifure, and feels more of Life more in two Days of Lenure, and need more of Life therein, than in two Years of Hurry and Embarras. Chev. de M. It differers a Decay of the Pattion, when the Lovers are under an Embarras to find themselves alone.

Le Brupere.
The Micht, the Dignity of Kings, is Emberraffing,
Emberdighers by Rescuin at shilings them to have a conmitted of the Control of the Control of the Control
which are faces had without a continual Attention, which
mult neck fatigue, and Emberraffic a Man.
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EMBASSADOR, a public Minifer, ben from one Severija Prince, as a Repreficative of the Perfon, to another. See MINISTERA III MINISTERA CONTROL OF A SECTION OF A S

Thing in common between them. See Leaarus, Embelfadari are cither Ordinary or Estradrinary, An Embelfadar in Ordinary, is he who enfoles fixedly in the Court of another Prince, to maintain a mutual good Understanding, look to the Interests of his Prince, and treasled fieth Affairs as may occur. Embelfadars in Ordinary, are but of modern Invention s

and trainest been arithm or mother modern transition.

The got above an Come sign fine they were fell benefit of: This top chart as Come sign fine they were fell benefit of: The first, all Endopfairer were Determinent, and extended filters as they had dispatched the Affair they are the standard of the

Orators, and there open'd their Commission, and acquainted the People with their Business and Errand: At Rome, they were introduced to the Senate, and delivered these they were introduced to the Senate, and deliver'd their Commission to them: Among us, they make their Address immediately and folely to the King.

immediately and foldy to the King.
Attorn, and Spera, fay M. Faured, whom in all their
Glory, were never for much delighted, as to fee, and hear
a Number of EndingMost in their Affirmillor, single for
the Protection, or Alliance of the cone of the other Sons. It
then yet a state of the cone of the other Sons. It
then yet all the state, which issues the could be paid
to be then yet of the state of the cone of the other
yet and the State of the State of the Cone
The Name of EndingMost Cone otherws, is fund
and introbable. Non mode inter Societies Grant inter
Milliam To a medium evident.

ertam inter Hoftmar Vela involume vertam Jan Neu-Orat VI. David, we read, made War apairli the Amus-mets, to revenge the Injury done his Embaffators. King J. Il. C. 29. Meetsmare put he Inhabitum of Tyre to the Sword, for having Infulred his Embaffators; and the Youth of Rome, for efficiently the Embaffators of Vela-lone, were delivered up into their Hards, to be punished at Difference.

at Discretion.

The Embaffadors of Kings should never attend at any public Affirmbies, Marriages, interments, or other Solemnities, unless their Masters have fome Interests therein;

policie Affirmbaies, Morningio, Intermentes, or other Solom-mor multi they or inst Montanine of Benfards therein, and or multi they or inst Montanine of Benfards the Perice of their owns, by Reafine they speciment the Perice of their lowes, and multi confirm and Reep Plaze with The Word is derived from the corrupt Latin Analogica-tion, bearing the Company of the Company of the Confirmation, and Word borrow'd from the The Word is derived from the corrupt Latin Analogica-ters, bermild of Analogica, and Control of the Confirmation, and Confer-tors, but Confirmation, and Conference of the Confirmation Anaestops, the Confirmation of the Conference of the Conference of the Table Office of the Conference of the Conference of the Conference on compile for the Latin Analogica was even thought of the Conference of the Solid Conference of the Conference of the Conference of the Solid Conference of the Conference of the Conference of the Solid Conference of the Conference of the Conference of the Solid Conference of the Conference of the Conference of the Solid Conference of the Conference of the Conference of the Solid Conference of the Conf

Limembrook derives the Word from the Germans, Absolut, Work, as Signifying a Perfon inted, to perform a Work, or Legation: And Chorier, meeting with the fame Word in the Laws of the Bourgargons, gives into the Sentiment of Limembrook. Alls. Acharyfins in his Itelians Dictionary derives it from the Latin Absolutars, to walk,

Dictoristivy Others is come to action Distinctive, to was, exact. And, laftly, the felicies of Aurery, in the Fine in dictor, deferring that the Word Analytis occurs in the Lowe of the Bungarigation, derive thomes the Words Analytis consistence of the Control o

a Kind of Council: Something like which is fill retain'd at Treaties of Pesce. Thus the Embaffy of Nimeguen, for the Peace, conflitted of three Plenipotentiaries; that of

for the Peace, conflided of three Pleafpocntaining; that of Utreedr of two, Gr. See Estansatzona. We likewife read of Embalfaderfiles: Madam the Marchale de Gudriann, Wiczopefro tolerves, was the first, and pethaps the only Woman, fare by any Court in Employ, in Quality of Embalfaderfile. Merith. L. IV. V. Fig. 4 Henry IV. tells us, that the King of Perfus fere a Ludy of his Court on an Embalfy to the Circuid Signific, during the Court on an Emosgy
Troubles of the Empire.

EMBATTELED,

EMBATTELED, a Term in Heraldry, when the Out-line of any Ordinary is of this Figure; which represents the Battlements of a Wall, or Castic.

which repreferate the Bastlements of a Well, or Caffle. EMBER. or EMBRE-Wells, are taken wherein the Embers or Embring-Days fall. In the Laws of King Affred, and these of Cannes, they are called Turbren, that is, Grealer Days, from whence they are corrupted into Embers-Days: By the Canonilla stempers, the four Cardial Seeking, on which the Circle of the Year trans.

Seatons, on which the Cartle of the Year turns. They are the Wednedforty, Friday, and Sanarlays, effect Quadragefina Sunday, after Whitefunday, steer Holy-Rood Day in September, and after St. Lucies Day in Deember: Which four Times anther well enough to the Boar Quarter of the Year, Afring, Sunmore, Johanna,

Mr. Summer thinks they were Enfa, inflitated to beg
God's Beffings on the Fruits of the Birth.
Thefe Ember's Work are now chirthy taken Notice of,
Thefe Ember's Work are now of Fortis and Descens; as
becast the Caron now appear of Fortis and Descens; the
Caron now appear of Committee, the Caron now
appear of the Michael Committee, the Caron
antices. Though the Bifthops, if they plent, may celain
on any Shandey, or Birthely. See Construction.

nation. Though the Bithops, if they pleafe, may ordain on any Someley, or Holiday. See Onniaarios. FMRLEN, a Kind of pained Ænigma; which, representing fome obvious Hillory, with Reflections underseath, influence us in fome Moral Truth, or other Matter of

Knowkdee. Knowiecige.

Such is that very fignificant Image of Seevola, holding his Hand in the Fire: With the Words, Agere & part fortes Rayanum eft. To do and fuffer couragiously is

Remen.

The Emblem is formewhat plainer, and more obvious
than the Æuignas. See Æuignas.

Galle defines it an ingenious Pichare, repreferring one
Thing on the Eye, and another to the Understanding,
postationalization of Addition have been in as much Repostationalization of Addition have been in as much Repostationalization.

among the Vulgar.

The Word is pure Greek, Luchagua, form'd of the Verb,
ipschium, so call in, so infers. Succomins relates, that
Therrim made the Word be earfed out of a Decree of
the Remass Senate, because borrowd from another Lan-

guage.

The Greeks gave the fame Name lyshkysers, to itlistid,
or Modais Works, and even to all Kinds of Ornaments of
Vafax, Moveables, Garments, &c. And the Larius ufed
Emblems, in the fame Senie: Accordingly, Giveo re-Emblums, in the fame Senfe: Accordingly, Gierr personning Ferre with the Structs, and fine words; Works he had plander'd from the Stellens, calls the Ommensi field theory (and which on Occation might be Stparsted from them) Embluments. Add, that the Latist Authors from them) Embluments. Add, that the Latist Authors from the Stellens, and Ornments of Diffeorife to their Emblument the Figures and Ornments of Diffeorife to their Embluments. The Stellens of the

Quam lepide them compose, us reservice ownes, Endo pavimento, atque Emblemate Verniculato.

We don't use our English Word Entsteins in this Sense; the othe suricest First consisted, always retain the Lini the other suricest First consisted, always retain the Entstein the English Correct Endowment, by Resilient the Grovel Endowment, by Resilient confidence to added to a Body by Way of Enrichment. With us. Enables confinently implies to some than a Painting, flatfic Resilient, or other Representation, intended to a body the Confidence of the Confidence of Intelligent Months (Political, or Audomical Intelligent Months).

Tract which diffinguishes an Emblem from a Devite, is, that the Words of an Emblem have a full compleat Scale of themselves; my, all the Sense and Signification which they have with the Figure.

they have with the Figure.

But there is a yet further Difference between Emblem

and Devife: For a Devife is a Symbol affected, or de
termined to fome Perfon, or that expecting fomething

which experts a him particularly: whereas an Emblem is

a Symbol that regards all the Word allike. Thefe Differa Symbol that regards an the Word alike. There Direc-rences will be apparent, from comparing the Emblem just quoted, with the Devile of a Candle lighted; and the Words, juvando confumor, I wafte my felt in doing good. See DEVISE.

EMBLEMENTS, a Term strictly fignifying the Profits of Lands fown; the forectimes used more largely for of Lands fown; the formetimes used more largely for any Profits artifug, and growing naturally from the Ground; as Grafs, Feuit, Se. If a Tenant, for Life, fow the Land, and die; his Expe-

If a Tenant, for Life, fow the Lind, and the; his Executor final have the Emblements, and not he in Reversion. But if the Tenant, for Years, fow the Land, and before Severance the Term expires, there the Leffor, or he in Reversion, shall have the Emblements, and not he the

Leffic.

EMBOLISM, in Chronology, Intercalation. As the
Greeks made ufe of the Lunar Year, which is only 514
Days; in Order to bring it to the Solar, which is 55
Days; they had every two or othere Years an Emboling,
i.e. they added a thirteenth Lunar Month every two or
the they added a thirteenth Lunar Month every two or three Years; which additional Month they called Emboli-mens, because inserted or interculated. See Years. The Word Embolifus comes from the Greek, in Barrouit,

erm'd of insurant, to infert. See Embolishic,

FAMBOLISMIC, Internality The Term is chiefly used for the additional Months, which the Chronologists infer to form the Launt Cycle of 19 Years. See INVERGALARY. For the 19 Solar Years, confising of 6999 Days, and 28 Hours; and the 19 Lunar Years, 603y making 6716 M m *

Days: It was found necessary, in order to render the 19 Lunar Years equal to the 19 Solar, which make the Lanux Cycle of 19 Years, to intercellate or infer 7 Lunar Monte, containing 209 Days; which, with the four Biffestile Days, happening in that Interval, make 113 Days, and the whole,

6939 Days. See CYCLE.

By Means of thefe feven Embolifusic,

By Means of these feven Embalifiers, or additional Month, the whole 6393 Days and 18 Hears of the Soist Years, are employed in the Culendar. See Monwist. In the Course of 19 Years, there are 2.88 common Moons, and feven Embalifiers Moons. Their Distribution Moons, and feven Embalifiers Moons. Their Distribution is thus: Every 5d, 6th., 9th. 11th, 14th, 17th, and 19th Year are Embalifiers, and confequently contain 364 June 2016. And the was the Method of comparing Times appec. And this was the Method of comparing Times.

a-pixe. And this was the Method of comparing Time money the Great's with they did not keep regularly or Gyle of 19 Your. But they did not keep regularly The Embeldings Menths, the collection of the regularly The Embeldings Menths, the collect Dears Memba, we found not Days, and formtimes only 29. See Exas. The Embeldings Depth, are their Dearson XIX and the Theory of the Collection of the Collection of the drine of Epist XI, they coxed the Number XXXs. Or rather, Evolution the Yours, which have the's Epide, are Embeldings, having thirteen Moons a-pices, whereof the 13th in the Embeldings. See Exac.

EMBOLUS, the moveable Part of a Pump, or Syringe;

EMBULUS, the moveable Part of a Pamp, or Syrings; called all the Philbon, and popularly the bluckers. See Pisrons: See also Peurs and Syratuca. The Pipe, or Barrel of a Syrings, &c. being ciofe flut; the Embolius cannot deawn up without a very confine rable Force; which Force temored, the Embolius returns again with Violence. This Pinantenesson the Artylesselami articular to Attack's Abberteness of a Vasama. See

But the modern Philosophers finding that in an ex Dat us modern Philotophers maning that in an ex-hanifed Recviere, the Embodies is easily drawn up, the the Orifice be 1607d; prove that 'is the Prediate of the Amnosphere, on the external Parts of the Embodies, that makes the Difficulty of drawing it up. See Arm, Armso-sphings, Sucriton, Ge.

EMBOSSING, or IMBOSSING, the Act of forming, or factioning Works in Relievo, whether they be call, or moulded, or cut with the Chiffel, &c. See Relievo,

or fathoung,
moulded, or cut with the Lanney
Farry, Forward, V.E.
Europhysics is one great Part of Sculpture; being that
which has to do with Figures raind, or prominent from
the control of Ground;

or Ground;

or cut in below the Ground;

or cut in below the Ground; which his to do with Figure raise, for prominent from the Plane or Goundal. The other Part, which makes the Plane of Goundal of the other Part, which makes the Plane of Goundal of the Control of the Plane of the P

the Justices Discretion. EMBRASURE, in Architecture, the Enlargement made

of the Gap, or Aperture of a Door, or Window, on the infide the Wall. See Door. Its Ufe is to give the greater Play, for the opening of e Door, Wicket, Casement, &c. or to take in the the Door, more Light.

The Embrafure coming floping inwards, makes the inner Angles obtufe. When the Wall is very thick, they forme-times makes Embrafures on the out-fide.

SIMES AMERICA CONTRIPETS ON THE OUR FIG.

FEMBRASHES, IN FORTISCATION, are the Holes, or Apermres, thro' which the Canons are pointed; whether in
Cafematues, in Batteries not covered with Gabious, or in
the Parapers of Walls.

The Embrafives are generally about 12 Foot a-part, from fix to nine Foot wide without, and two or three within. Their Height from the Plat-form is ulually three Foot on the infide, and a Foot and half on the outfide: That fo on Occasion, may be funk, and the Piece brought to fhoot low.

brought to floot low.

They are perticular Committers, when his enough They are perticular Committers; when his enough the Mariers when only his enough for Mariers when only his enough for Mariers when the Stablersfort, it is field to floot as Barble, without Enderstone, it is a right of the Committee of the Stablersfort, it is a right of the Stablersfort, it is a right of the Committee of the

Embrocations are only a Kind of Lotions. See Lorion. Embracations are only a Ninc of Lotions. See Lovies. Embracations are now little used, except in Diffesses of the Head. If the Pain do not abuse, make an Embracation of Cows Milk, lakewarm, on the Head. Degari. Make an Embracation on the Part with Unquent. Disliber, or Oil of Lilly very hot. Dennis.

tion of Endreasery a stributed to the Pelrygens y wence the Latin call Endeaders Physical Street the French Pelry Company of the Company of the Company Endreaser of Endreasers of the Company of the Fraidering of the Endreasers by Eccion they formerly by Transfrontion from Endeave, by Eccion they formerly Endreasers of the Latin Company of the Endreasers of the Endreasers of the Latin Company of the Endreasers of the Endreasers of the Authority of the Endreasers of the Section of the Endreasers of the Endreasers of the Endreasers of the With Gold, or Englast Endeaders of the Endreasers of the Endreasers of the With Gold, or Englas Endeasers on March 1997 of the Endreasers of the With Gold, or Englas Endeasers of the Endreasers of the Endreas

Broderie. There are divers Kinds of Embroidery: Among the rell, Embroidery to substitution to substitution to on both Sides; that is, which appears on both Sides; to substitution to the filips Stuths, as Taticus, Gavely, Multin, Ge. Embroidery on the Stump, where the Fource are very high, and prominent, being the control of the Sides of t

between them.

EMBR1O, in Medicine, Fitters; the first Beginning, or Radiments of the Body of an Animal, in its Mether's Womsh, before it have received all the Dispositions of Parts, receillary to become animated: Which is supposed to happen to a Man on the 44d Day; at which I'lime, the Embryo commerces a perich Firsts. See Fourus.

The Moderns have much Anhodsnee of fine Discoveries

n the Formation and Growth of the Embryo. See Ego.

GENERATION, CONCEPTION, &C.

The Word is derived from the Greek, \$4085000, which The Word is derived from the Greek, 1449000, which figuides the Eimer Thing; 5 form'd of the Preposition to and 5400, featurie, pullule, I lying out: From the Manner of the first Growth of the Emitrye, which refembles that of the first Shoots of a Plant, as being a Kind of Zoophyte, and having only a Vegetative Like. See Zoo-Monf. Dodars having an Embryo of 21 Days Age put

in his Hands, made a nice Examen thereof; to find the Order Nature observes in the Formation of the Parts, and the first Rife of the Parts themselves

The Placenta, he found more than half of the whole; and thence concludes, that the nearer the Embryo is to the Moment of its Conception, the greater is the Placenta

the Money Control Control of the Parts. While Control of the Parts. While Control of the Parts of the Parts of the Control of the Parts of the Control of the Parts of the Control of the Parts of the General Control of the Parts of the Head of the Parts of the Parts of the Head of the Parts o

tible, Piss for the Notities.

The Painters defaulty make the Head & of the Height of a well proportional Mana; and & of that of a young of a well proportional Mana; and & of that of a young of the Child in the Embryo before us, the Head was thrice the Height of the Head, whereo it follows, that the younger the Embryo, the bagger the Head in Proportion to the Embryo, the way owner the Head are tallo bigger in Proportion to the still; and the Lego and Feet the finalleft.

portion to the every and the Legs was rect use means.

The Embryo was a little crooked forwards, and bore fome Resemblance to the Maggor of a Silk-Worm: It weighed lefs than seven Grahas, which is an extraordinary Lightness for a Body feven Lines long. It was 6 fost, that no Part of it could be touch'd without making a Change in its Form.

Change in its Form. Upon opening it, M. Dodorr discovered the Heart, and the right Auricle: All the other Parts in the Thorax, and lower Visiter, were only simple Lineaments, or Contours, and all Feffenter, excepting a Part on the left Side, which may be supposed to be the Sphen. There was

no Appearance of any Thing on the right Side for a Live-DO Application on vacage on the right of the capetity the Essax to, is also used by Naracilia, to expect the Grain, or Seed of a Plant; or estable the Grain, or feel of a Plant; or estable the Grain, or feel of the contraint therein. Jest as the property of the contraint therein. Jest as one of Treddle of an Egg. See Stein, Grain, Plant; Prant; or Treddle of an Egg. See Stein, Grain, Plant; Propuete, Ranicia, Grain Grain, Plant; or Treddle of the Contraint of t More de l'Acad.

EMBR 101 HLAGA E.S. from suspens, Farmi, and Saim, continued, I busife or break a in Infiftement to crush the Bones of an Embryo, or dead Child; so as to make it casher of Extraction, and prepare it for the Embryulous, to draw it out of the Womb. See Delevan.

it out of the Womb. See Drivers, the Operation of cut-EMBRYOTONY, in Chiungery, the Operation of cut-ting off the Funiculus Umbilicatis, or Navel String, of a Child just bom; and tying it up. See Umaricus. The Word is form'd of the Greek, keyous, and repor-

EMBRYULKIA, or EMBRYOLKIA, in Chirargery, the Operation of extracting the Child out of the Mother's Womb.

What the Greeks call Embryolkia, the Lating call

What the Greeks call Embryolkid, the Latins call Cefarean Sellion. See Casalarus. This latter Name, M. Dionis observes, has taken Place, and prevail'd over the former; as being more easy of

The Word is form'd of the Greek, luseur, Child, and to drow EMENDALS, an old Term fill ufed in the Accounts

of the inner Temple: Where, for much in Emendals at the Foot of an Account, fignifies so much in the Bank, or Stock of the House, for Reparation of Losson, and other Occasions

other Occasions.

EMENDATIO Pouis & Cerevifie, the Affize of Bread
and Beer; or the Power of Supervising and correcting the
Weights and Measures belonging to them. See Assize.

Keigats and alcalures belonging to them. See Assize.

EMERALD, a pretious Stone, very green and transpent: and as to Hardness, the next after the Ruby. S Desertant Come

Pliny reckons up twelve Kinds of Pineralds; and de-Pliny reckons up twelve Kinds of Paneraids; and de-nominates each from the Provinces, or Kingdoms, where he supposed them to be found; as Scythian, Battrian,

be supposed them to be found; as Scythian, Haltrian, Egyptian, Perfus, &c.

But the modern Naturalists, and Jewellers, only know of two Kinds, via. Oriented and Personian. And if we may credit Towarnier, in his Treatise of Colour'd Stones found in the India, inferred in the second Volume of his Voyagos, their two should yet be reduced to one, via.

the Fermion.

In Effect, he maintains that there is not, one ever was, any Mine of Emeralds in the Effi-Indust; and that all other lound, were brought from Perus by the Way of the South See; which was a Method of Commerce, carried on by the Promision before the Diffective by the Spaniars Is. But as the Polar of Tach Commerce, in not Indicately proved, we must keep to the antient Division.

amient Division. The Oriental Emerald is harder, more brilliant, and transparent than the Permuins; which has generally Clouds found in it, and spackles left. Belief that, there are fuch Quantities brought from Perm, by the Way of Certifogens, that they are much frush in Value and Reputation. They talk likewife of Emeralds sound in Cyprist, and even in our own filland; but they are very inconsiderable; is, indeed,

there on through the transfer of the control of the

But the proper Martin, or Marculin of this Stone is the Persan, which is beld among the confer persions Stones, being hard, transparent, ball opales, and ulvally incomined with yellow, green, which yellow, given, which yellow, given, which yellow, given and a first factories made Amstern of convention spirited at Tark Amazero made Amstern of convention spirited and Tark Amazero made Amstern of these difficulty spirited when the property of the Creditive, they are valued for their Beauty, not their Virtue; it has the who displays, that when refined into an impulsible Power of the Creditive, the property of the Creditive, they are valued for their Beauty, not been formed in the property of the Creditive of the control of the Creditive, with Roll Water, they may be of Some Use in Medicine,

We read in Authors of Spreal Engrals of incredible Magninede: Rodering de Toteda cells us, that when the Socrators took that Town, King Terit had for his Share of the Plander, a Table 545 Foot long, and all of spices, which he maintains to be an Energial. After this, the Roder will now womber at that from by Tongbrafus, in Reader will not wonder at that from by Thereprocess, as Temple in Heyer, four Cabris long, and three broads not even at an Obelisk of Dimerals 42 Foot high.

The Word is formed from the French Efunctance, and that from the Latin Supersident, which Significan the firme the Artin Casarriagents, which Significan the firme Things. Others derive it from the Italian Superside.

the Arabic Zensorved.

In the Distributions of a Commerce, we have a very en-rious and accurate Estimate of the Values of the different rious and accurate Estimate of the Values of the different port of the Personal Emeralists, which the Reader will not be difficiented to find transfurbed hither.

Rough EMERALDS

Their of the first, and constitut, Seet, called Phispate, for grading, are work as Shillings Saufling the Marie, or Good Marishing, Marie Marie, and Cook Marie Marie, and Cook Marie Mari

EMERALDS ready cut, or polified, and not cut, being of good Stone, and a fine Colour, are worth,

m .						Lib.	Sb_*	
Those	weighing	One Car	act, or	4 G	raine	0	10	
i boic	ot Two	Caracta	-			- *	-	
Those	of Four	Company						
Those	of Five	Coman				- 3	10	
Thefe	of Six (Continues			-	- 4	10	
Thefe	of Gill v	O O		-		- 7	10	
THUIC	of Seven	Caracts		-		15	0	
Lueic	of Eigh	t Caract	8			19	0	
Thote	of Nine	Caracts		-		2.3	0	
Lpote	of Ten	Caracte		-		22	0	

EMERALD, or EMERAUD, in Heraldry, is ufed in Lice of Vert, or Green, in Blazoning the Arms of Dukes, Earls, Sc. See Blazoning.

EMERGE. See EMERSION and EMERCENT.

Eith, M. S. Se BLANDSHUM.

IMERGE, See ELFASION IN GENEROLW,
IMERGENT TAGE, in Chemology, in the Epichal, or
IMERGENT Tage, in Chemology, in the Epichal, or
IMERGENT Tage, in Chemology, in the Epichal, or
ITAS, or Emograper Tage is fromtune the Vacor of the
Creation. That of the Frent, is from the Duley, or the
Elithibithment, or at long Internal the Great, was the
Games by Johnst. The Rement accounted their Year
from the Bullings of the Cry AB U. C. Tart is, AB
EMERSION, in Phylicia, the rifing of any Solid above
the Surface at 3 Hall Practically lighter than it fell, into
which is had been velocity immerged or thront,
in the South of the Crypton of the Worker of the
Hall Resident Solid Solid Solid Above
the Surface at 3 Hall Practically lighter than it fell, into
which is had been velocity immerged or thront,
in that a lighter Solid Vinge forced down into a beavire Fluid, inmediately endeavours no emerge, and that which a Freez,
or the Fluid, about that of an equal fill in the EndiLighter Solid Vinge Vine and the Complete is found that if the Bull,
Then, if a Solid be immerged in a Fluid of double in
Personal Complete is found by the Complete is
color Fluid, begins on re-appear, after busing hore cellular
ELITERON, in Aftenomy, is when the Son, Moson, or
other Body. See Exerg.

The Difference Canaginate is found by othering the
Immediates and Zhangiant of the first of Papitar's SatisfThe Illemented are offered from the Time of Traitier's.

See SATELLITES.

The Immeritions are observed from the Time of Jupiter's being in Conjunction with the Sun, to his Opposition; and the Emeritors, from the Opposition to the Conjunction, Which two Imerusis are a dually in Months spice; and divide the Year between them.

But when Justice is in Conjunction with the Sun, and fifteen Days before and afterwards; there is nothing to be observed: That Planet, with his Satellites, being then lost

coherend: That Pinner, with his Statilies, being then left in He Light of the San. See Jerystrae. Ice has been a second or the second of the s

EMFRY, a Sort of Metallic Stone, found in most, of I Mines of Metals; but chiefly those of Iron, Copper, and Gold. See Syona and Mine.
We usually distinguish three Kinds of Ensery; the Spanifo, Red, and Common Freer

Spenigh, Red., and Gammer Devry.
The first its Quand in the Gold Mines of Pyrn, and
other Provinces of the Spanigh charteries: The judged a
Kill of Minescrible of their rich Mirrar; being timelise
with little Veing, and open thin to the province of the
with little Veing, and open thin to the province of the
condent is exceeding are among as yo the great Report of
the Seckers of the Philiophyria's Stone, who boild great
Hopes in the Translatation of the precious Minescrib
The Keel Energy is found in Copper Mines; the little we
have been appropriately to the control from Mines; and

have of it comes from Severders and Dermann's.

The Common Emery is taken out of from Mines 3 and 1s almost the only Sert used among us. The Confunction hereof is very confiderable among the Armorevs, Cutters, Lockfmiths, Glaziers, Lapidaries, Mastons, &c. Some of whom use it to polific and burnish Iren, and Steel Works; others, to cut and feollop Glisfs, Marthe, and

prerious Stones.

This Emery is of a brownish Colour, bordering a little This Lemery is of a brownish Colour, bordering a fittel on Red; accordingly hard, and of Confiquence difficult to pulverize. The English are the only People that have got the Art of making it into Powder; which they do chickly by Means of certain Mills countried for that Purpole: And thus fend it in Powder to their Neighbours.

Pounding it in Mortars were in vain; it being fo hard
that it would piece, or break the Mortar e're it would

that it would prove, to something the work of the Powder, the most fubble and impalpable is the best: As to the Stone, it should be chose of a high Colour, and as free of the Rock as possible.

Emergy fact with Lead, and Iron, hardens them. It increases and heightens the Weight and Colour of Gold.

Include it with the Gold from Machine the work of the colour of the state of the s increases and heightees the Weight and Colour of Gold. The ufual to mix a little of it with the Gold from Ma-sagefar, which is naturally pale and foft. See Gold. Putty of Energy is a Kind of dirty Matter, found on the Logidaries Wheels; containing Part of the Powder of Eventre.

The Word Emery appears to be derived from the Latin Smyris, and that from the Greek spaces, which fignific the fame Thing; and which Monf. Lemery derives from

the Verb quan, I clean, fcour. EMETIC, in Medicine, a Remody that excites Vo-miting t or that evacuates by Vomiting. See VOMITING

Of these there are a great Variety ; as Ipecacuanha, triduus Benedictus, &c.,
The Use of Emericks is indicated by a Foulness of the

Mouth in a Morning, rifting, loathing, gnawing of the Sto-mach, gradual Lofs of Appetite, fpontaneous Vomiting, Sc. much, graduil Lofe of Appeint, frommore Venting, Sc. Ventining in Tail by intenting the Spirits with the Precince of foundating build it, by an usually and the Precince of foundating build it, by a understand the region of the precincial state of of warm Water, Sc. by any Thing flatp and visions is as the Florest and Goods of 20th, Leaves of Coffernos, both thereof, Marcarian Fize, Manuted Terbilds, and Mercery flatproduced with Action of the Property of the Pro-line of the Property of the Property of the Pro-ting of the Property of the Property of the Pro-ting of the Property of the Property of the Pro-ting of the Proting of the Pro-ting of the Pr

of Antimony.

or maximony.

The Emeric Powder, called alfo Powder of Algareth, from the Name of its Author, is a Precipitate of Antimony, or Butter of Antimony, fweeten'd and fofuned by repeated Losicos. See Antimony.

London. See Intermedia.

Emeric Tertor, is Cream, or Crystal of Tartar, powder'd and mix'd with one fourth of Creess Metallorum.

The Word is form'd from the Greek, issue, I vomit.

The worst is formed from the Grovel, say, * Commit.

The Cyperstion of Enteries Medicines is thus accounted for the Cyperstion of Enteries Medicines in thus accounted for the Children of the Emissience of the Stomesch, do dilate the fame; (which by fome extrinsic Caufe had been controlled) and after the finam Stamer, do difficite (as least in forme Deprece) the Children of the figures are modelated, in forme Deprece) the Children of the finance and the Children of the Child Matter; rendering

Now the natural and conftant Actions of the Glands being Secretion; and the Impediment (by the Dilatation of the Orifice, and the Attenuation of the Fluid) being of the Orifice, and the Attenuation of the Fluid) being taken away, or at leaft made lefs than the natural Mo-mentum of the Glands; the Matter maft naturally flow into the Cavity of the Stomesh, till it he heiged up in fuch a Quantity, (which not being to be door in an In-flant, mult require fome Time) as is fufficient by its Stimulus to velicient, and force the Fibres of the Stomash,

Abdomen, and Diaphragm, by Communication of the first with the two last, into a violent Contraction; and thereby throw all out by the Octophagus: And this makes all quiet for a Time, till a new and fufficient Quantity be excerned from thele Giands to produce the aforefaid Con-

Thus there happens Fits of Vomiting and Quiet alter-nately, till either all the morbific Matter be thrown out, or the Force of the Emetic be fo diluted, that it is no longer able to draw out the morbific Matter from the

And the flrong Contraction in fo many Muscles, and and not irroug Contracition in fo many Muffles, and marfealty Cranials, as are at Work in the Addition of Vonting, and the violent Conceilion which is produced all over the whole Body by a Power, which, by just Computation, is not inferior to 1600 of Weight, may, and often does, pike which are adjacent to the Stomach and Guller; as we plainly fee, by those vail Sweats, which plential Eits of Vonning occeining.

planniy see, by moce var Swears, which pleating Fits of Vomiting occasion.

Essets and Purpative Medicines differ only in this, that the Particles of the latter do not immediately veilicate the Fibrus of the Stomach, dilate the Orifices, and attenuate the Matter contained in the Glands of the Stomach; but ach genery, and affift the natural Motion of Digestion, and fo are carried down into the Guts: And how they ope-See PURGATIVE. rate there.

EMINENCE, in Geography, a little Hillock, or Afent, above the Level of the Champagne. See MOUNT.
This Seat is bailt on an Eminence. The Enemies have taken Polifeilion of fuch an Eminence, fuch a Height, from

which they can canonade our Rear.

EMINENCE, in Anatomy, is a Part of the Brain, call'd
the Anathar Eminence. See Brain.

The fifth Pair of Nerves arifes from the Sides of the Annular Eminence of the Brain. See Nerve.

Eminence, is also a Title of Honour given to a Car-

The Decree of the Pope, wheely it was appointed, that the Cardinals should be addressed under the Quality of Entimene, bear Dase the 10th of Jenuary, 1650. They then laid afide the Trites of Bispriffum, and Reverendsfilmi, which they had bore before.

had bore before.

The Grand Mafter of Malea, is likewife addreft'd under the Quality of Environce. See Malea.

The Popes John Vill, and Gregory VII, gave the fame Title to the Kings of Prance. The Emperors have like-

wife bore it. Eminentifficants, the superlative of Eminent, has of late been attributed to the Cardinals. L'Eminentiffine Car-

been attributed to the Cardinata. In Emmentiques Con-cant de Sichelfine Emine Net TLY, in the Schools, is used EMINENTER, the MENENTLY, in the Schools, is used in Contraditionion to Formalistry, and in the Same Genie with Firstantier: via. when a Thing position, or contains any other Thing in a more periodic or lighter Manner than is required to a formal Position Developed to the Con-tract and Angel is fasted once to reside Theorem they are

e has it in a higher and more perfect Degree than it is in Man, in whom it is Formalizer. See Formalizer and VIRTUALITER. For one Thing to contain another Eminenter, there are fually required two Things, 1. That the containing be of more excellent Nature than the contain'd. 2. That the

lefs Excellent be fome Way contain'd in the more excel-lent, via. either as in its productive Cause: Or by fome Similitude: Or as to the Manner, and Order of Acting, Sc.
EMINENTIAL Equation, is ufed by fome Algebraiths

in the law-tilgation of the Arces of Carvillacar Figures; for a Soct of Artificial Equation, containing another Equation Educated Hayes' Finesions, p. 97.

The Arces of the Company of Digital or Quality, among the Takes a Talk of Digital, or Quality, among the Takes are relations, or Defendences of the artibator of the day of the Company of the Comp

Turks and Saraceus; attributed to fach as are Relations, or Defendances of their general Prophet Madhumer.

The Eleurs are held in high Veneration; and have alone the Privilege of waring a Green Turben. See Turbens.

On the Borders of the Holy Land were feveral Emire; Soveraige Princes; as the Emir of Grass, and the Emir Parkens, over whom the Grand Seignier had bet little

The Emir Hogs, or Prince Conductor of the Pilgrims to

The Entir Hags, or Fince Conductor of the Pilgians to Methel, in Blathus of Fernicless, can the Collipbo: In Perfit they were also call a Entir Latche, by O. Princes Son . Whence, by Abbaviation of Entir, they formed Mir, and of Entir Latche, Miran. See California. On the Colliders, as the Collins of the Collins of the Colliders, as that of Legier among the Remotes. In Succession of Times, the fine Tile of Entire came to be attributed to all, whe

were judg'd to defeend from Mahonses by his Daughter Fathimah, and who wear the Green Turhan

TURBARN.

LMIR, is alfo a Title, which being joyn'd to fome other Word, frequently denotes at Office, or Employ.

As the Earls all Oners, Commander of Commanders; who, in the Time of the Caliphs, was Chief of the Councils and Armies.

The Name Emir is also applied, by the Tarks, to all Visiers, and Bashaws or Governous of Provinces. See Basnaw, E.c.

Bastiaw, U.c.,
Add, that Buir Alkhor, vulgarly Insrabor, is Maffer, or
Chief of the Equeries to the Grand Scignior: Entir
Alems, vulgarly Miralems, Standard Beaver, and Director of
all the Standards of the Empire, with the Mufe, &c. Entir all the Strudards of the Empire, with the Malic, Sc. Emir Benear, the Prevo, or Separatestates of the Market, who regulates the Prices of Providens. Emir all Multums, or Emir all Muntenin, i.e. Commander of the Emblad, or Emir all Muntenin, i.e. Commander of the Emblad, or Emir all Muntening, i.e. Commander of the Emblad, or and Almohader, who reigned in Africa and Spatia. The Word Emir is Arthur, where is Brazilly Signifies Trivers. It is formed of the Verb TDN Amer, which is conjunity Holevon, and in both these Languages Bender.

originary Hebrew, and in both thee Language squares to jay, and to command.

EMISSARY, a trulty, destrous, able Perfen feet, underhand, to found the Sentiments, and Views of another; to make him fome Propofal, or Overture: Or to Spread Reports, watch the Addions, Motions, and Countrance of a contrary Party, or Perfen, in Order to make Advantages. of them

The Leaders of Parties have Abundance of Emillaries employed in their Service, who inform them of what paffes errory where, that they may take their Meafures accord-ingly. The Pope and the Chevalier have their Emiffaries

in England.

The Word is form'd of the Latin s, and mitto, I

EMISSARY of a Gland, or its excretory Dutl, is the common Conduit, Canal, or Pelvis, in which all the little fecretory Canals of a Gland do terminate. See Gland.

ferctory Canala of a Clind do terminate. See Grann. EMISSION, the Act of throwing or driving a Thing, particularly a Fluid, from within, outwards. The Term is chiefly applied among us to the Expel-fice, or Ejaculation of the Seed; See Ejacutation. Tho, we also say, the Antents took Visson to be per-found by the Emission of Visual Rays from the Eye. See Vision

See VISION.

It is alfo used Morally: Thus, the Civil Death of a Relinious is reckon'd from the Day of the solemn Emission.

of Vows. See Vow. EMMENAGOGUES, in Medicine, fuch Remedies as promote the Menfer; thus call'd from w, in, um, Month, and wyn, suco, I lead; by Reason their natural Periods of flowing are once a Month. See Menses.

of flowing are once a Month. See Minner.

Emmendagement either all by giving a greater Face to
Emmendagement either all by giving a greater Face to
the Vetlik is increased to by making it officers whereby
the Vetlik is increased to by making it officers whereby
The former Intention is helped by Chalybeate, which
The former Intention is helped by Chalybeate, which
Blood, and all other Seldment of the like Gravity and
Lintitity. And fisch is the Cofe of a Leoco-plategrate,
likely, or as it is commonly called, the Groen-Scholensk, and its Care.

fits Cure, in the latter Cafe, where the Blood is florid and both high 3 attenuating Alteratives and Detergents are the only Remedies, boxaled freefit to render the Blood more thin, and give it fach a Property, as will better carry it thro't hole little Apertures, defined for its Diffusage into the Utorus

into the Overno.

EMOLLIBRITS, in Medicine, and Pharmacy, Remodies used to forten, and loofen, Hardmelle, or Confiractions of the Belly; or those of Tunnors and Swellings.

Such are Mallows, Mereurialis, Lilly Rosses, Allabas, Linfeed, Ruster, Wess, Gann Ammoniace, &c. Soe Ma-

LACYCIGE.

The Tem Paulliers is not only applied to internal Remedies, but also to other Things: A Lacative, Anodyne, and Faulliers (Optive: An Emiliers Paulsiller, miles of refinitive the Section Conference of the Conference of Conference of Admingsor, which they were before, become Lacative and Emiliert. Hog Greek, applied externally, is reformed to the Conference of the Conference of Conference o LACTICES.

Dr. Zwincy defines Emollients, more feientifically, to be fuch Things as fleath and foren the Afperites of the Humours, and relax and fupple the Solids at the fame

For it is esfy to concire how their fineal he both of-field by the finne Meditine; thus a By what Menus forcer, fewheri in the Stomach, or any other Pura) he Jeton have electional a Sharperd, or Afperity, fo as to which of the Appension of the Appension of the Con-trol of the Appension of the Appension of the Appension foil, and yielding, cannot but wrap up their Foundation foil, and yielding, cannot but wrap up their Foundation to the Appension of the Appension of the Appension of the by the proper Coreft of Circulation, be brought to finne communic, Emmedicer, without adolg any layiny by the

ay.

Such Sharpness of Parts, likewise, draws the Fibres into
parints, keeps them too tense, and frequently thereby occuans Obstructions of the worst Kind.

la all fuch Cafes, therefore, Emollients lubricate, and soiften the Fibres, fo as to relax them into their proper limensions, whereupon such Diforders cease. Dimensions

Dimensions, whereupon fach Diforders coafs.

EMOLUMENT, is properly applied to the Profits

arising daily from an Office, or Employ.

The Patent, or the Instrument, whereby a Perion is

perford to an Office, gives him a right to cupy all the

Dues, Henours, Wages and Emoluments to belonging thereto.

In our Law Books, Scc. Emolument is unfel in a formehat greater Latitud

The Word is form'd of the Latin Emolumentum, which imarily fignifies the Profits redounding to the Miller

rimarily figurifies the Profits reacunder on his Mill, of mole, molere, to grind

EMPALEMENT, or IMPALEMENT, a cruel kind of Panifinment, wherein a fharp Pale, or Stake, is run up the Fundament and thro' the Body. We find mention of Impaling in Javenal: It was fre-sently practified in the Time of Nero; and continues to to in Turkey.

quently practified in the Time of Nervo; and Commune to fin 'Invited States and Percela Emphaler, or the Intain Inspirate; or earlier they come all alike, from the Latin Palas, a Stake, and the Perposition in, in, into Euralasansex, in Betany, the custom of Part of the Flower of a Plant, eccompassing the Feliation of the At-See FLOWER

From 6 at Faint, eccomposing the routines was earth is composaled of the three general Parts of all Plants,
the Stin, the Cortical, and the lignous Boldes, etch
England being blockhort confiling of one of more Peerly
England being blockhort confiling of one of more Peerly
England to the Flower, where it is weak and tender; and
therefore fish Plants as have Pleenes, with a firm and
through Bold, as Tulips, Ge. have no Emplaiement, nor
ENFANELMANG, in Law, figuines the Writtley, and
enting the Names of a lawy into a Parkment, Scholdele,
or great or the Porformance of their public Service, as
"WFARFANCE." in Law. a Defigire or Petition in
WFARFANCE. In Law. a Defigire or Petition in

EMPARLANCE, in Law, a Defire, or Petition in Court, of a Day to paufe, or confider what is best to

be done. The Civilians call it Patitio Judiciarum. Kitchin mentions Imparlance general and facial: The first them so be only that made in one Word, or in general Terms: Emparlance Special, is where the Party requires a Day to deliberate; adding these Words, Solviet omnibus debouragini team ad Jurifalicioum Curie, quama ad brove & Narrationem.

Nerrationem.

Briton ufes it for the Conference of a Jury upon a Caufe committed to them. See IMPARLANCE.

EMPASMA, in Pharmacy, a Powder thrown, or fprinkled, over the Body, to correct founcil Smell thereof, or prevent unneceffary Sweats. The Word is form'd from the Greek, iumisur, to fprinkle.

EMPASTING, a Term used in Painting, for the lay-ing on of Colours, thick and bold; or applying several Lays of Colours, so as they may appear thick. See

A Paiming is faid to be well Empafied with Colours, when the Colours are boftow'd plentifully, or it is well fed

and faturated with Colour The Term is alfo wied, when the Colours are laid diffinct and afunder; and not foften'd, or loft in each other. This Head is not painted: It is only Empafled.

other. This Head is not painted: It is only Empsfeé. It is form'd of the French Empsfer, which has the fame Signification, of Peffe, or Pairs, Paife. FMPEROR, Imperator, a Title which, among the author. Remans, only Signified a General of an Army's Ber, afterwards, it came to denote an absolute Monarch, or a legreme Commander of an Empire; A Roman Empres.

a suprime comments

foror, Re.

In Striched, the Title Emperor does not, cannot, add

say Thing to the Rights of Severalguty: In Effect is,
say Thing to the Rights of Severalguty and a fact, it railest hold invested with it,
soveralgue; and as fact, it railest hold invested with it,
to the Top of all Human Greamen.

The

The Emperors, however, presend, that the Inspired Digital is note consens than the Regal; but the Newborn Berger and State of the Peroper State of the Peroper State of the Peroper State of the Peroper State of State of

It is, that Zoolean's and Zoolean's are tast to nave een raised to the Dignity: Thus, allo, the Emperor Charles the Beld, in the Year 877, gave Provence to Boglon, patting the Diadering a his Head, and decreeing him to be called King, Ut more priforous Imperatorum Regibus videretur. Dominieri.

called King; vs. mos. p. questioners in distinction Distinction Ziminers.

Add, that the late Emperor Leopold, erecled the Ducil Periffs into a Kingdom, in Favour of the Elector of Brandschotty B; but deveal of the Kings of Empty erectified, for form Time, to acknowledge limit in that Caracity: Tho' by the Treaty of Virecht, in 1712, they all

came in the Ent, the Title, and Quality of Emperor are more frequent than among at . Thus the Sovernigh Phiens of China, Jopens, Soci., 9 refs, for are all Imperors China, Jopens, Soci., 9 refs, for are all Imperors to the Empire of Germany. The first has been at use the Empire of Germany. The first has been at use the Empire of Germany. The first has been at use the Empire of Germany. The first has been to take the property of the Empire of Germany. The office of the body of the has been at the Empire of the Hamiltonian of the China and China and the China and China an

Title of Engineer of all Raffies and procument himsthe to be encognized to such by must of the Process and States to except the engineer of the Test the Process and States of the Engineer, conflict, it. In perfecting at the fact, the state of the Engineer, conflict, it. In perfect of the Process and States of Germany, are chilged to do him Hammige, and freeze policies to hope at the Princes and States of Germany, are chilged to do him Hammige, and freeze policies to him Hammige, and freeze policies to have been as the Princes and States and Germany, are children and the Princes of the Empire, whose mixed together, 4: That he receive a Klad of Tribates from all Adults. For the right, there is not a Proce of Enalty of Test and the Princes of the Empire, whose mixed to the Test and the Prince of the Prince of the Test and the Test and Test

Add, that we fay, the King of England, Onmen habes

Add, that we fix, the King of England, Ounces below Papalisates in Range Bon quasa imprassor conditions in Lapares: Whose the Coron of England has been long age decisived in Patilizanest to be an Imprired Corons.

page of the Coron of England has been long age of the Coron of England has been long age of the Coron of England has been applied the to an Empire with all the Authority of an Empire. As at this Time the Empirely of Radfas.

EMERICALLY, it all to delight, the an alternative the England has demanded by May of Encollect. But the England has demanded by May of Encollect. But the England has demanded by May of Encollect.

Way of Excellence. See Revitage.

The Rime Engineerie was a See of Cowwide Rime, was immediately the Company of the Company of

Qu'es tu qu'un Immonde, Monde, onde. EMPHASIS, in Rhetoric, &a. a Force, Strefs, or Energy, in Expression, Action, Gesture, &a.

This Orator Speaks with a World of Emphasis; all his Words have an Emphasis. What greater Punishment, says de la Brayre, than to hear indifferent Veries rehears'd with all the Emphasis of an ill Poet? The Word is Greek, Supress.

EMPHATICAL, in Rhetoric. See EMPHASTS.

EMPHATICAL, in Rhetoric. See EMPHATIA.

EMPHATICAL is also used by the antient Philosophers, to expect those appearent Colours, (as they call them) which are often feen in Clouds before the Riling, or after the Serting of the Sun, or those in the Rainbow, Sc. See Coroon.

of the Sun, or mote in the Kambow, Cr. Sec Octoon. Therefs, because they are not permanent and laffing, they will not allow to be true Colours. But, finee their Experience of Artificial Colours and with a Concurrence of Reficilions, and forme other accidental Variations; and being the peoper Objects of Sight, and capable as truly to affect it, as other permanent Colours are: There is no Reafon for excluding them from the Number of true and genuine Colours; fince all other Colours are only Modifications of Light as these are. See

EMPHRACTIC, in Pharmacy, the same with Emplastic, See EMPLASTIC.

The Word is form'd from the Greek, suspendre, I flop.

EMPHYSEMA, in Medicine, a windy fwelling, or bloat-ing of the whole outer Habit of the Body; like that in the Parts of divers Animals, when blown up, after they the Parts of divers Animals, when hlown my, after they are Hill See ("I verson.").
The Wind, or Air, which is the Matter of the Empire of the Hill See ("I verson.") and principally in the Collect Ariging.
Hence, the Seat of the Employema, or the Place wherein the Wind is sheldly looking, is in the Adiptoft Colls, under the Sian, covering the Thorex: The ordinary Octation Month of the Seat See ("I verson the Sea

is forme Wound in the Therax.

Mond. Litre accounts for it thus: When a Perfon is
wounded in the Becalt, there enters Air in at the Wound; a
now, it may happen, either from the Narrowner's of the
Wound, or the Field's cloting again readily, or fone other
Caufe, that the Air thus admitted, cannor readily get out

Carde, that the Air thus admitted, camor readily get out again, at leaft nor all of its 7 And thus Air curnes to be supported by the control of the control of the Now, at every Information, the Lungs are to fill this Capacity, by their feeling with the Air naturally received. But here they earnout fived without prefling upon the other obliges it to fill prevent the Interface of the Helpty Elbers, and perhaps to enter the little Oricals of the manufact Variate of Lungshales. See Compute to take Place or Variate of Lungshales. See Compute to take Place or

Veins of Lympunsteen.

Immediately, another Force comes to take Place, contrary to that of Infoination; orio. Expiration: In this, the Breath controlling it fell, prefits the extranous Air flather man than the Laugs had done in their Dillatation; and the Controlling of the Contr fame Effect,

And the two oppoints assuments of Assons compare as use The Air, thus continually impelled, will be propagated along the Poffices it first opened it felf; still at Laught it Poffices it first opened it felf; still at Laught it where cities are considered in the Poffice of the Air-bottom of the Continual Continual Continual Continual water cities, by Retfine of the Thimatia, and Firsthilling of their Memberson and as the Air came from within the water than the Continual Continual Continual Continual Benefit, under the Sites, rather than clieblance, that the windy Tumon, or Employigent will like and continual Continual Continual formed by the Air received in as a Wooned. But it we fur-pose the Wooned to have present the Solikhance of the Lauge, then bettle the Air taken in by the Wooned, there will constained in the Powershop, or Figures, thus preference, or specific, classing into the Civity of the Rentil, and first Questry of this fispoint correct, when Air and as the a containal Accession, to long as the Wooned of the Lauge remain-species.

be a communication of the desired property of the Lungs, remains open. Hence, an Emphylicine from a Wound in the Lungs, Hence, an Emphylicine from the Lungs, the Air being carried to the feveral Parts of the Body by Circulation.

The Word is Greek, suppresses, which fignifies the fame

EMPHYTEOSIS, or EMPHYTEUSIS, in the Civil and Canon Law, the letting out of poor harten Lands for ever, or at least for a long Term of Years, on Condition of cultivating, meliorating, or mending them; and paying a certain yearly Confideration.

a certain yearly consideration.

Emphysicofts are a Kind of Alienations, differing from Sales, in that they only transfer the Dominum utile, the Benefits of the Ground; not the Property, or Fee

Among the Romans they were at first temporary; afterwards perpetual,

The Word is form'd of the Greek, isotroms, which fignifies a Graft, and by Metaphor, a Melicration, Amendment: For as we only graft Treet to mend them; to a Man only allemate his Land by Empkyrefs, on Conditional Conference of the Conference of t tion of amending it.

tion of amending it.

The acth Comno of the Consul of Cartaday, speakhists the Billouys feiting the Church's Employresis, out of the Mellouys feiting the Church's Employresis, out of the Cartaday Supplies Rent.

EMPIRE, the Territory, or Extent of Land under the Chommand, and Intelligible of an Employer. See England Chommand, and Intelligible of an Employer, and the Employer of the Well of the Employer of the Well of the Church Church of the Well of the Church of the Church Ongol, Sec.

of the Great Mogul, Sc.

Tacitus observes of Galba, that all the World would have thought him worthy the Empire, had he never been Emperor. Emperor.

Antiquaries diffinguish between the Medals of the upper and lower Empire. The curious only value those of the upper Empire, which commences with Gefar, or Au-

upper Empire. The curious only value upper Empire, which commences with Ca guilts; and ends in the Year of Christ 260.

gulbus; and ends in the Year of Christ aso. The lower Empire comprehends near 1500 Years, reckening as low as the Definedien of Englantinophie, in 143: They utually distinguish two Ages, or Periods, of the lower Empire: The first beginning where the upper ends, with therefore, and ending with Annafatin, racheding 200 Years: The forced beginning with Annafatin, and ending with the Palestofet, which is 1000 Xears.

ending with the Patestegs, which is 1000 Years. Empire, need abfoluely, and without any Addition, or The Empire, fignifies the Empire of Germany, call'd alfo, in Juridical Acts and Laws, the Holy Raman Empire; S R I, q. d. Secrem Imperium Romannia; which is what we otherwise call the Germanic Body.

The Europie had its Beginning with the IX th Century Charlemaigns being created first Emperor by Pope Lea II. who put the Crown on his Head in St. Peters on Christ-mas-Day in the Year 800

mast-Day in the Year 800.
Authors are at a LoS under what Form of Government
to range the Empire: Some will have it a Monarchic
State, by Reafon all the Members thereof are obliged to
ask the Investiture of their States of the Emperor, and
to take an Oath of Fidelity to him.

to take an Oath of Fidelity to him.

Others, will have it a Republic, or Arifbocasic State, by Reasion the Emperor cannot resolve, or determine any Thing, without the concurring Suffrages of the Princes: Adding, that if they require laweliture from, and sweeze Reality to, him, its only as Head of the Republic, and in the Name of the Republic, and not in his own: Juff, as at Pointse, every Thing is translated in the Name of the See Dogs.

Doge. See Dooz.
Laftly, othern will have the Empire to be a Monarcho-Ariflocratic State, i.e. a Mixture of Monarchy and Ariflocratic State, i.e. a Mixture of Monarchy and Ariflocratic State, i.e. a Mixture of Monarchy and Ariflocratic State, i.e. a Mixture of Monarchy and Ariflocratically; yet his Decrees and Refolive have no Foste, and Control of the Monarchy and Ariflocratic State of the Ariflocratic St in Case the States refuse to confirm them.

in Cité de Saiste réfait to confirm them.

In fine, we finale rither cheé to coll it an AribaDameseni chur, joy Renfie de Dyre, when he Soucoll it an AribaDameseni chur, joy Renfie de Dyre, when he Souord Crifes; and it divided inno three Orders, or Holder,
and College of Liebers, the College of
Renfield and the College of Renfield, and College of
We fay thire of the Empire, Greates of the Empire,
Figlio the Empire, Privates of the Empire, Figlio of
the Dupley, Privates of the Empire, Figlio of
the Dupley, Renfield of
the Dupley, Renfield of
the Dupley, Renfield of
the Empire, Renfield of
the Dupley, Renfield of
the Dupley Renfield of
the Dupley Renfield of
the Dupley Renfield of
the Dupley Renfield of
the College of
the Dupley Renfield of
the Dupley Renfi and Immediate.

and Immediate.

The Immediate States are these who bold immediately of the Empire; whereas, again, there are two Kinds: The first, such as have Seats, and Voices in the Impedia Diet; the scood, such as have none.

The Mediate States are those who hold of the Immediately and the seat of the Mediate States are those who hold of the Immediate States are those who hold of the Immediately states are the states are t

mediate mediate. The States which now compose the Empire, are the Princes of the Empire, the Counts of the Empire, the Free Barons of the Empire, the Preceding the Empire, the Princette, or Abbettes of the Empire, and the Empire.

Empire, and the Imperior Cities.

EMPIRE, or EMPIRE, or SMPIRE, a Name attributed, of all
Antiquity, to fuch Physicians as form'd themselves Rules,
and Methods, on their own Practice and Experience; and
not on any Knowledge of Namural Couses, or the Study and Michods, on their own Practice and Experience; and on any Knowledge of Natural Causin, or the Study of good Anthors; and who preferribed, without conjuring of good Anthors; and who preferribed, without conjuring the study of the properties and Vitters of their Michigan Distington, or the Properties and Vitter of their Michigan Study and the Study of Some Special Causing the Study of Some Special Causing the Study of Some Special Causing the Study Special Causing the Study Special Causing the Study Special Causing the Study Special Causing the Special Causing Speci

2006 2 new Sect, call'd Theoretici. Sec Tuxon tor ofe a new Sect, call'd Theoretica. See Theoretical The Word is horm of or the Greek, spaniense, and that
of springs, knowing, able; but, particularly, knowing
and karned by Experience. The Root being where, Effay,

and learned by explored the Dephricks, and the Dephricks, and their Frofilion, which the Greeks, and the Lexius time them, call Engineers as surtherings all to Experience, and maching to the Authority of the Mafters of the Are, or the Philip relaxes, that the Soil of Empiricipt has in Risk Soils of Soils of Soils of the Are, or the Soils of Empiricipt has in Risk Soils of Soils of the Are, or the Soils of Empiricipt has in Risk Soils of Soils of the Are, or the Soils of Empiricipt has in Risk Soils of Soils of the Soils of Soils of the Soils of Soils of the Soils of Soils of Soils of the Soils of So

But the Word Empiric is now more odious than ever being confounded with that of Charleran, or Quack, and applied to Perfors who practice Physic at Random, with

applied to Perfam who wealth Physics at Ransim, with-our a peoper Education, or understanding any Thing of the Principles of the Art. See Connextran. Indeed, the possible, the Wood may be admit cere on Indeed, the possible, the Wood may be admit cere on the principles of the Question is for those of the Physicians at-ticulation of the Question is the School, the Res-tricted and the Art. See the Art. Fixulty, we all know, have born cure forward to treat their who think more freely, and are the first played to to Antiquity, Culton, and the triping Publice, or Mode, as Edwards, Carlesians, and Question.

as Emperical, conference, an aguacas.

EMPLASTER, a Medicine, of a fift, glutinous Confidence, composed of divers simple lagredients, spread on Leather, or Linnen, and applied externally.

externally.

Employers are made up in a fitting folid Body, that
by ternaming a long Time on the Part, the Medicinal
Ingredient, they are chiefly composed of, may have Time
crough to produce their Effici.
The Drugs, after to give a Body and Confiftence to
Employers, are afterally Wax, Pitch, Gums, Pats, Ethatego.

The transport of the state of t

The Word is form'd from the Greek, turnerly, or the The Word is form'd from the tyreer, structure, or ep-endems, to put in a Molfy, or to do over: By Readon the Employers is made of divers Kinds of fimple Drugs, work'd up into a thick tenacious Mafs, or because it covers over the Piece of Leather, or Limen, to be applied on the Port offseled

EMPLASTICKS, in Pharmacy, are Salves, or Medicines, which flop up, and confupate the Pores of the Parts they are applied on.

are applied on.

Such are Far's, Mucliages, Wax, the Whites of Eggs, Son.

They are also call'd Emphracticks. The Platter is covered over with a very Employie Unguest, that it may flick the diffrager to the Skin. Dismit.

The Word is form'd from the Greek, surnauser, 16

op 50 EMPROSTHOTONOS, in Medicine, a Kind of Tonid Commission, wherein the Head is drawn forwards, till the

Chronispiem, wherein the Head is drawn forwards, till the Chin souch the Breath. Sec CONVEYSION. Sementimes, too, 'tis fo general, that the whole Body is bent forward, and makes a Bow y and even, formetimes, a Kind of Circle, the Koos meeting the Head. The Castle of this Differed is a Controllor of the America Matics, particularly those of the Head, call'd Macphaier. See Marrottes.

The Word is Greek, composed of surgeship, before, and wird, Tenfion, Stiffness, of the Veth wire, to ftretch.

EMPIEMA, in Medicine, a Collection of Pur, or purulent Matter, in the Cavity of the Breaft, distharged thicher upon the burling of fome Abscels, or Ulere, in the Langs, or Membranes, that inclose the Breast.

The Europeana fometimes faceceds a Squinancy, times a Periphenneny, but more ufually a Plurily a se being ordinarily the Effect of a Periphennenic or Pleurili Ablock. See Pleurist, Periphennenic or Pleurilio

Anotesis, See Personary, Personaumony, Ch.
It usually comes 15 or a Days after those Differences
Sometimes, alio, 'its generated of extravalated Blood, iffued
out of a barflen, broken, or partified Vein: "Pis diffirgainfa'd by a Difficulty of Breathing, a dry Congô, a
Heavines' about the Disphragm, a Noffe, and fineduting
of the Matter upon moving, 160w Fever, raddy Checks.

hollow Eyes, the Tips of the Fingers hot, and a Swelling

notine Next, the Tips of the Fingers bot, and a Swelling of the Addoma-tic the Addoma-time, from the Difficulty of Infecting, or exceeding fisch convenient Menter: if Nature flows are recenting fisch convenient Menter: if Nature flows and Paderware to thome it off by Vonding, or Urlow, or the Child of Nature flows and Paderware to the time to feecedad, and admitted for the Child of Nature flows and the Nature flows of the Child of Nature flows and the Nature flows of the Child of Nature flows and the Nature flows of the Nature flows for the Nature flows and the Nature flows of the Nature flows o

See PHTHISIS.

The Word is form'd of the Greek, vs, in, and πδια, Pm: . The Letter τ, being here changed into μ. Which is a Thing often observed in other Languages, when the π happens to come, in Composition, letter the Latistia b and μ. Witness the Latin Emblument, and p. V

EMPYREUM, among Divines, is the highest of the Heaven, wherein the Bleffed enjoy the beatific Vision; call'd also the Empyrean Heaven, and Parasise.

Some of the Fathers take the Employeems to have been created before the Heaven we fee: St. Bafil, and Employeem thing of Auticals maintain it in express Terms. Being created before the Henven we fee: St. Boff, and Indis-tribute of Admitsel, manning it in correct Trams. Began that of Admitsel, manning it in correct Trams. Began the Majord Degree, and say in Pain to account fee the Druktski, which are Part of the World was it, before the Created for the Part of the World was it, before the Created for the Part of the World was it, before the Created for the Engineerin, main difficile its left on the greated Depth of this bower World. They have, therefore, Recount in an Hypothelia, our 'I'. They have, therefore, Recount in an Hypothelia, our 'I'. They have, therefore the Earth and World for the Strengeron. See Es. Sandiri, Differs, p. 131, 713. The World is formed of vr. yand **sp. First. by Reading The World is formed of vr. yand **sp. First. by Reading

EMPYREUMA, in Chymidty, &c. Smell or Tafte of Burning; a Quality, or Change, in Bodies that have been burnt, or much forch'd with Fire, fensible to the Taft and owand, or much control with pire, stander to the 12st and Smell; or, perhaps, it may be the foreign Matter imprefied, or added by the Fire, and remaining on the burnt or footh'd Part, that gives the new offenfive Smell and Flavour.

rare, that gives the new offenfive Smell and Flavour.

The Term is chiefly full when in beiling, or diffilling
any Thing, it flicks and burns to the Bottom of the
Veffel, or Alembie, the offenfive Smell and Taft whereof
are expredid by the Word Emptyremme.

It is also used for the Heat remaining upon the Declemion of a Pever.

The Word is form'd of the Greek, summerious, to im-

EMRODS, or eather Humorrheid. See Hanson an orax, EMULATODS, a Noble Jackott, between Perfosa of Philas Colorus, a Noble Jackott, between Perfosa of Philas Colorus, of Emulation, that it is the Daughter of Envy if for, there is a deal of Difference Detween the Mother and the Offspring: The one is a Virnea, and fifty to inflatts them; Envy reduce the Mother Hirton to inflatts them; Envy reduce them the Praific that are their Duc; Emulation is generous, and only folds of the Praific and Praific them the Praific that are their Duc; Emulation is generous, and only feder that of the Praific and Praific them the Praific that are their Duc; Emulation is generous, and only feder that of the Praific and Praific them the Praific that are their Duc; Emulation is provided to the Praific that are the Praific that are the Praific that the Praific that are the Praific that th EMRODS, or eather Hemorrhoids. See HEMORRHOIDS.

to leffen him The Word comes originally from the Greek, Lunas, Different, Debate; whence the Latin Emulus, and thence our Emp

EMULGENT, in Anatomy, an Epithet beflow'd on those Arterics, which bring the Blood to the Kidneys; and those Veins, which carry back what is superfluous thereof.

See Kidney.

The Emulgent Arteries fixing from the defeending Trunk of the Aorta; and the Enuigent Veins terminate in the afcending Trunk of the Caus. See Cava and Aorta.

attenting a runk of the Carus. See Cava and Anara. EMULSION, in Medicine, a liquid, gentle Remedy, of a Colour, and Confiftence, refembling Milk. It is composed of Obaginous Seeds, Remels, or Fruits, pounded in a Mortar, and distributed in distilled Waters, or light Decoctions; afterwards, expressed, or strain'd and focusted with Sungar of Seminary.

light Decoctions; afterwards, expected, or firsted and forected with Sugar, or Syrup.

Emulious ferve to temper, dilute, and foften Acrimonics of the Breaft; to moderate the Heat of the Kidneys; foften the Sharmer's of the Urine; and give the Pattent Reft

The Seed of the Melon is one of the four greater cold Seeds, much ufed in Emstificats: The Seed of the great Gourd is alfo ufted in Emstificats, Broths, and Decotions, The Word is form'd from the Latin, emstigers, to

milk.

EMUNCTORY, is Medisine and Anatomy, a Part of
the Body defitined for the Septration of forme Humour,
judg'd ufelefs, or even hurtful to the Animal; after its having
circulated forme Time with the Blood. See Excandany.

circultured forme Time with the Blood. Set Excentioner.
The Word allo implies a Cartry, adopting to the Part
har Equatats; wherein the excentmentation Hamour is colbether and preferred in Roulland for Exercation.
Line of the State, are Exercised in Roulland for Exercation.
Line of the State, are Exercised for the State, are Exercised to the Operate the Saliva,
which is no added, or concementations Hamour, but reSome, without much Proprise, coming Exercised to
the Receptace into which the facered Exercence at all
changes of an experimental Hamour, but the
Nofelia's, the Cremen into the Exart, the Exercised is
Nofelia's, the Cremen into the Exart, the Exercised is
and the Rough of the Rough of the Rough of the
Nofelia's, the Cremen into the Exart, the Exercised is
and Creditation. any Circulation.
The Word is form'd from the Latin Verb, Emiliagers,

to wipe.

ENALLAGE, in Rhetoric, a Figure whereby we change, and invert the Order of the Terms in a Difcourie; against the common Rules of Language. See Frount.

The Grammarian, too, have a Kind of Enallage,

The Grammarian, too, have a Kind of Enallage, whereby there is a Change either of a Pronoun, as when a Poffeshve is put for a Relative, e.g. flows for ejut 5 or of a Verb, as when one Mood, or Tenic, is put for

another, The Word is derived from the Greek, imanifer, form'd

of epasadeflue, which fignifies to change, as well as the fimple Verb assarfine

imple Verb & 3247[ss.]

ENALURON, in Heraldry, is used by Guillim, to expects a Borduse charged with Birds 3 as, with an Eustiewon of Marches, Sec. Bat Mackency charges this as a Mistake on the Author, arising from Ignorance of the French Tongon: Euclaron properly fignishes in Manner of Orle, or Bordune, and its applicable to a bearing of any Thing in that Form.

ENAMEL, popularly AMEL, a Kind of coloured Glass, by the Latins call'd Encausum, and by the French Ffmail 3 afed in Enamelling, and Painting in Enamel. See ENA-The Bass of Enamel is the finest Crystal Glass, made

of the best Kali from Alicant, and Sand vitrified together,

ec GLASS To this Glafs are added Tin and Lead in equal Quan-tities, calcined by a reverbatory Fire. Such is the fundamental Composition of Eugenet; to which are added other metallic

Competition of Essand'; to which are added other metallic or mineral Manner, to give it the Colon required: As 22 UJims for Creen, Orean Morris for Yellow, Gro. feels and the Creen, Orean Morris for Yellow, Gro. feels intended for the counterfeiting and intensing of perfect metal and the Colon Stones. The Stoned, for Polanting in Essand's. And the third sided by the Essanders, Yeellow, and Coldinative of the Colon Stones. The Stoned, for Polanting in the Works. Morris Willey, William and Coldinative of the Colon Stones, and that for Polanting is growned by the Workston thumbles, or Polanting in growned by the Workston thumbles, or the Polanting is growned by the Workston thumbles, and Italiands. The Composition is the fame, in the main, in all the three Kinds's All the Difference conflict in all the three Kinds's All the Difference conflict in all the three Kinds's All the Difference conflict in in the training giving it the Colon, or Treatparency.

TIOUS Stones.

Trous Journ.

Franklich für Painting.

The spilot Brannel, or Colone, sield bythem Johnson in Shamel, in Handle of Colone, sield bythem Johnson in Shamel, in the Painten Johnson of the Shamel, in the Johnson Johnson of the Johnson Johnson

Lake Red, is competed of fine Gold, diffiched in Joyan Regist, with Self-Humilies, or common Sale. The Diffi-lient helps completed, in per in a Caesards with Syries deep respectively. The per in Caesards with Syries der remaining at the Bottom of the Chardric, when the Water is poured of i, i ground up with double is Weight of Flower of Sulphar, and part in a Credibe over a grade the complete of the Caesards of the Caesards of the Caesards with the Caesards of the Caesards of the Caesards of the the red Fooder creatings, is ground up with Restilier Latify, White Coppens calcined, makes a Colour much flick the nather Caesard with year the Limmon.

like the amber Colour ufed by the Limners. Thefe feven or eight Colours, or Entantels, fevre for the Composition of all the rest, by a discrete Mixture and Combination thereof. Thus, blue and yellow make green; blue and red, Violet; and so of the rest. See Coloura. ENAMELS afed by the Tomellors Galdwiths and

Time.

Thefe Kinds of Enamel, we have observed, come chiefly om Venice and Halland: They are in little thin Cakes

Inter Amet of Estimat, we have observed, come chickly from Fetter and Estimate, They are in the thin Chick and Fetter of Estimate and Interest in Chick and Inch thick. Every Cick has the Maker Mark flruck on it with a Pauchion. The most dead Marks are the Name Joffse, a Spring, Mosley, Son, Cick, Wille, Singer, Colone, R. Bille, Centriston, Killow, Grore, and a dope Blot, gattle a Life Leyin. Their fever are the Principles Colone, R. Bille, Centration, Life, Grore, and the Colone, R. Bille, and purchase, and the winds, in purchase, it is used, and the white, in purchase, it is used, to the Colone. All the Colone and Colone a

Copper-Hings, Sc. EnAmerical Collections and Compensation of the Art, or Act of applying Enamerical collections Colours, on Metals, Sc. either in the Way of Painting, or by the Lamp. See EnAmerical Collections of the Colours of the

Lamp. See Enamer.

Painting in Enamer, is a Method of Painting with
Enamels, or Metal Colours, ground, reduc'd to Founder,
and afod, like other Colours, with a Pencil; then fuled,
baked.again, and vitrified by Force of Fine.

and allots, the other Colours, with a Frend's their fairly,
The Art of Parieting in Examel is very authent and
appears to have been first predicted on Earthen, or FesterWere. As early as the Age of Paylement King of Tagleary,
and I'd with various Figures; though far fluor of their
afterwand mode at Freeze, and Colou Zhuezars, in the
Darchy of Urbins, in the Time of Keptheni, and Michael
and the Colouring Figures; though far fluor of their
afterwand mode at Freeze, and Colouring.
For Colouring Figures, in much better than the Colouring.
For they were, at fluid with, well a projected with reaMenil Works: Excepting a filter Kind of Countries in
the Fixes and other and with the projected with the
Fixes and other fluid with the projected with the
first the first of the Colouring.
For they were, at fluid with, well approximed with reament of the first country particularly at Linguige; where
there were produced Administrate of very valuable Power,
in the Minney of the Anteenes, that it, well preferred the
Colouring fluid of the Colouring, theiring its work of the colouring of the Anteenes, their is, well preferred to
Colouring fluid the Colouring, chiefing it was

There are two Ways of Painting in Ensured; the one with clear and transparent, and the other with thick and

opake Colours.

with doer and transparent, and the other with nick ast "To use the first, they are early ground any with Water." The forced are ground with Oil of African bedread, or edge, with a Ray fine of the Ment, to leave the Color affunder. They, we have feen Pitters half on commission, predictly, with a Ray fine of the Ment, to leave the Colors predictly, by Recombine the transparent Colors, in Mering, are age to run in each other; of precially in the little Works, greatly the control of the Colors of the Ment, and the Ment of the Ment o

Those which fair it best, are Purple, Green, Azure and Ague marin. But Gold receives all the Kinds, and Colours, outh opake and transparent, perfectly well. It must be

added, however, that only the finest Gold must be used herein. For the transparent Coloars heing laid on a base Gold, grows dim and livid; there being a Kind of Smeak that steriles on it not unlike black Lead.

Smooth that ferries on it not make black Load.

Or transipasser Darmards, the shaded are the chig the County as Difference own among their 5 cms letting their crisis, they are only red by Accident, being only red when make and applied on the Gold; and becoming red make a supplied on the Gold; and becoming red make a supplied on the Gold; and becoming the county of the County of

tenting Fortraits to as much Perfection as the best Franting in Oil; and even fome Hilbory Pieces: With this great Ad-varrage, that their Beauty and Luftre never decays. This Are we are indebted for to the French: Nothing

This Art we are indebted for to the French: Nothing of the Kind having born attempted before the Year 1650; when Fran Tourin, a Coldimith of Chafeseulum, and a great Mafter in the common Way of Painting with transparent Ensured, furth applied himfelf to find a Way to use thick Colours of different Tourin, which should make

suf thick Colours of different Trians, which should not work Play, we remis their Lufth, Parity, Gr. Toutie facecoold in his Attempt, and having got the Sover, commissioned to the bringing it to Perickien a large transport of the property of the property of the large transport of the property faith, who wrapping in the Goldense of the Touties faith, who wrapping in the Goldense of the Touties of After him came Morriers, a Native of Orleans, who ap-plied handlet chiefly to the Planting on Rings and Wards Coffs. His Different All to Colours, After him and Joseph in Delgen and the Colours. After him and the many property of the Colours of the Planting of the Plant Pierre Chartier of Blois, took himself to the Painting of Flowers, wherein he succeeded to Admiration.

Flowers, wherein he faceceded to Admiration. By this Time, the English were fallen into the Way 3 who, as is allowed by Foreigners themselves, seem to have been the first that applied it with Success to the Painting of Poerasits, which was now become mightly in Vogue,

been the first that appears it with Success to the Familian of Poetraits, which was now become mightly in Vogue, in Lieu of these in Miniature.

In Evertibre offictives, that the first, and most finished Poetraits, and those in the finest Colours, were brought into France by Testror, and Burdier from England. This Frames by Petitas, and Barásier from England's This constand Lonis Hance, and Louis In Guerrater, two good. Painters in Miniature, to attempt the like, in which the latter facecoded beyond every Body. He likewise invented fewral new Teints for the Carnetions; and had he lived, had probably morited the Glory of carrying the Art to its last Perfection.

last Perfection.

This Kind of Polatring, to be in Perfection, must be on Plans of Gold: For Copper, beliefs that it emits a Fame which territhers be Colours, is apr to fosle and creckle; and Chieve turns the Waters, fellow.

and Chieve turns the Colours creck and affects for our Manner, on prevent the Gold's fretting by the Fax, and making the Colours crack and fig. New must they be made too thick.

This fulficient they can be not the Colours; the "til to this plant to tringenthen them all account with a Chief Konweithin.

thicker.
The Plate being hammer'd very evenly throughout, they apply a white Estand on both Sides, the the Design be only to paint on one. The Interes of this is to prevent any feeding and warping by the First: For otherwise, in Thing mescally, they are a per to fine an in Pall's excellent the Biffers. Now, this first Lay, which is white, remaining finnesh and unfirst, feers as a Groom for all the other Colorn. The Composition of the white Estands, with the enter epide Colors, is already differred under the Articles. ENAME

The Gold Plate thus Engage!!'d in orbite; the Draught, or Defign, to be painted, mult be challed thereon; and, afterwards, the whole accurately drawn out in a raddy between. The Draught, or Out-line, thas finith'd, the Piece is fer to the Fire, and then painted with the Colons ahmy

perfectled.

The white Ground they paint on, ferves all the Colours for white. The Method being to fipare the Ground from farit to last, in the Places where the Lights are to be, after the fame Manner as in Miniature: The 'they have another white, to lay over the other Colours, when there is Occasion to raise them.

In Octaon to raile them.

Add, that as the Painters in Oil re-touch their Paintings
forward Times, and let them dry is in this four oil Painter
than touch the Dreet as evien me they plant forwards. The contract the Contract of the Contrac

void Place in the middle, where the Piece is to be put for the Entmets to meit. The Colours are laid on with the Tip or Point of the Pencil, as in Mignature; with this only Difference, that they and Oil of Afpie to dilser them inited of Gum Water. See Microstyna.

Method of Enamellino by the Lamp. The Works of this Kind are all perform'd by the Fire of a Lump; wherein, in Lieu of Oil, is put Horfes Greafe, call'd Cabellin Oil.

call'd Gaballin Oil.

The Lamp is of Copper, or Tin, and confitts of two Parts, the Box and the Lamp: In the latter of thefe, which is a Kind of flet Oval, is put the loil, and out of this rifes the Wick. All the Ufe of the Box is necessite to Oil, which the Evalution, occasion 4 by the intensel Hest, might throw abroad.

might throw attood.

This Lump, or even where two or three Artifls work together, two or three more Lump, are placed on a Tubbe of a proper Height, 5C, under which, about the middle of its Height, in a double Belows like rhose of an Organ, which ore of the Workmen raties and falls with his Foot, to increase and quicken the Fiame of the Lump, which is find. Moster artist to a Degree of Virusery almost sirely Moster and the or the Company of the Company of the Moster artist to a Degree of Virusery almost sirely might be companied to the Company of the Moster artist to a Degree of Virusery almost sirely might be companied to the Company of the Co

condible.

The Wind of the Bellows is convey'd to the feveral Lamps, tho lever for many, by Mezar of Genova cut along the Thickneth of the Taking and covered with Parabanes, cuckeding from the Bellows, as Take or Figs Based be-Entantillers may peet be incommoded with the Heat of the Lamp, each Take is coverful as about fits Inches Di-Bittanc with a Piloc of The, cill'd a Fan, food in a Heat of the Limb, who will be the Commoderate with a General Construction of the Take. In Works that then't take up much Time, they content themselves with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Begins and the Commoderate with a Galli Biote-Figs the Bioter with a Galli Biote Figs the Bioter William and the Commoderate with the

racy content themselves with a Gliss Boow-type, to negation the Flame of the Lamp. Applying their Cake of Ename! to the Flame of this Lamp, they draw it out into Threads intonceivably fine. Those made use of in artificial Plames of Festbers are so

very flender, that they may be wound on a Reel, like Silk

or Thread. The factitious Jeats of divers Colours, foractimes used in Embroideries, are sife made of Enamel; and that with so ranch Art, that each Piece has its Hole to pass the Silk thro', wherewith it is few'd. These Holes are made by blowing them in long Pieces, which are afterwards cut off with a proper Tool.

See the Process of drawing out the Enamel, illustrated under the Article Ductillity. under the Article DUCYILIY.
The rac that the Direct, or Fenetian Enamels, are used pure: The common Way is to melt them in an Iron Ladle, with an equal Quantity of Glafs or Cryftal. And when the two Matters are in perfect Fusion, they draw it can timo Threatd of different Slacs, an Occasion requires, by taking a Quantity between two Pige-Stepples, held in the two Hands, and removing them afunder as far as the Arms will reach. If the Thread is to be longer than the Arms will reach. If the Thread is to be longer than the Workman can firech, a fecond Perfor takes one of the Ends, and continues to draw it out while the first continues to keep the Engane is the Flame. All the Thread drawn after this Manner are round; fo that if the Nature of the Work require them to be flar, they are afterwards drawn thre's Pair of Finchers while yet hoe. They wards drawn thro a Pair or Practices while yet not. I sky have another from Inframent, in Manner of Plyers, to draw out the Ensanel by the Lump, when it is to be workd, or diffored in Figures, or otherwise, Luffly, they have glafs Tubes, of various Sixes, ferving to blow the Ensanel into various Figures, and prefere the necessary Vacancies therein, as also to spare the Staff, and form

Contours. When the Enameller goes to Work, he feats himfelf before his Lamp, with his Foot on the Treddle; and hold-ing in his left Hand the Piece of Work he has to Enamel, or the Brais or Iron Wiars his Figures are to be form'd with; with his right Hand, he draws out the Thread from the Ename! held to the Lamp: And this with a

from the Batanel Sidt to the Lamp: And this with a Descrity and Patience equally furginization that the Batanel, and there are Eppera for facely finding the angle, and there are Eppera for facely finding to this Risal and the are Eppera for facely finding to this Risal of the Abbill Scalpeon. Six and the Eppera for facely finding to the Batanel Scalpeon and the Eppera for the Ep

ENCÆNIA, a Greek Term, fignifying Reflauration,

Encenia was the Name of a Featl, celebrated by the Jews, on the ayab of the Ninth Month, in Memory of the Delikation, or enther Parification, of the Temple, by Judas Machelous, after its bring pollured and plunderd by Anticohas Epiphones.

They had also two other Eucenie; the Dedication of the Temple by Salomon; and that by Zorobabel, after the Return from the Captivity. See Didication. The Word is wrote in the Greek, syesima, being form'd

The work is wrote in the trees, years, point termed of the Preposition of and uniform the Million, we likewise meet the Estabas, and Church Hillion, we likewise meet the Estabas, for the Dedication of Christian Churches : St. Angestive afferes us, that in his Time, the Ute of the Weed Zincaria was even transferred to profine Materia; and that they called it Encentiers, when they put on a new boils of Estabase. new Sait of Čloucha.

Our Translavers of the Blike don't retain the Word

Entersia, in St. Tabu X. 12. where meastirn is made

Entersia, in St. Tabu X. 12. where meastirn is made

centries; which is much lift press of the Decision

the Ford of the Decisions, but of the Participation, or Reconfinence of the Trueyle prefixers

ENCANTHIS, in Modbine, I Tumor of the Cornecula

ENCANTHIS, the great Cantains or Angle of the Kye.

See Connection of the great Cantains or Angle of the Kye.

H is opposed to Reyas, which is a Diminution, or Con-famption of the fame Caruncle. See Ruyas.

The Elecantris is exceptional by a Deflaxion on that Part, or an Ulcer therein not readily enough dried.

"The World' is Greath in profile of the Cartesian of the C

The Word is Greek, iyestile, form'd of the Prepolition so and usodie, Corner of the Eye.

ENCAUSTICE, the Art of Enamelling. See ENA-

ENCEPHALI, in Medicine, an Epithet applied to Worms generated in the Head; where they occasion violent Pains, informach as fometimes to produce Distraction. See There are four Kinds of Encephali; those properly so call'd, which are found in the Brain: The Nationali, in the Note; Amendares, in the Ears; and the Deutales, in the Tech.

The Encephali, properly thus call'd, are rare: But there are certain Difeates wherein they fwarm; and we are told

of pethlential Fevers that arose wholly from them. of pedilicatial Ferres that arefe wholly from them.
In one of the Ferres, the Physicans having open die the
In one of the Ferres, the Physicans having open die
floor, red Worm in the Head. Hereupen, they tried viries
Medicines to find what might definey it: But all in this
till Adabage Wine, whereit Herfe Kadith had been hold,
till Adabage Wine, whereit Herfe Kadith had been hold,
that had been the form the Herfe Kadith had been hold,
till Adabage Wine, whereit Herfe Kadith had been held of
the had been the form the fine Remedy was afforwards tried on
the Sick; and it recoved 'um almod all. The like have
allo been taken out by Trugunning, and the Patient reover. See VERMES.

The Word is compounded of the Preposition is, in, and rengel. Hoad.

ENCEPPE, in Heraldry, denotes chain'd, or girt round the middle; as is usual with Monkeys, &c. ENCHANTMENT. See Magic, Sonceary, and

WITCHCASING, INCHASING, or CHASING, the Art of Euriching, and beautifying Gold, Silver, and other Metal Works, by fome Defign, or Figures represented thereon, in low Relievo.

Meal Weck, by fone Defigo. It Sigure represented therea, in her Referent in the Referent periodic of helling, this Work) at the Referent periodic of helling, this Work) at Wards-Cafe, Care-Reide, Tweez-Cafe, or the his series of the Reference o

See DISSECTION.

See Dissection.

ENCLAVE, in Heraldry, is where one Thing is let into another; particularly where the Jointure is Square.

ENCLATICA, in the Greek Grammar, certain Particles which filek fo clotkly to the preceding Word, that, as if united with it, they only from to form one Word together.

orgether.

Whence it happens, that the Word which fuffains them, does generally likewise bear the Accent that governs them, and effectally when the Euclisie is a Meno'yllabic.

ENCROACHMENT, or ACCROACHMENT, as unlawful gathering upon another Man: As, if two Men's Grounds lying together, the one prefs too far on other: Or, a Tenant owe Two Shillings Rent Service, and the Lord exals Three.

ENCRATITIES, antient Hereticks, thus call'd from their making Profession of Continence, and absolutely rejecting

Maniga

The Word is form'd from the Greek, Gegarne, Continent. The Word is form'd from the Greek, Geograms, Continuity.

The Founder of this Sect was Tistina, a Diciple of
Tydin, and one of the most learned Perfoss of all Ami-quity. After the Death of that Marry, he made a Sup-racion from the Church; and foon had his Followers; who, befice the Dogma just mention'd, hornow'd a great many Things from Sastronius, and Marcions, befice feveral Errors which they adhered to in common with the Gapitics and Walantinia

They abhain'd from eating any Thing that had Life; and denied that Adams was laved. They look'd on fisch as drink Wine to be very great Sinners; and for this Reafon, only made Ufe of Water in celebrating the Eucharifi: As as drink Wine to be very great Sinners; and for this Reafon, only made Ufe of Water in celebrating the Euchardit: As holding that Wine came from the Devil. To maintain this Sentiment, they produced Paffages out of Scrippure, when mention is made of what beld Noah and Los when they

mention is made of what betel Note and Lee where sur-weer drunk.

They only admitted fach of the Books of the Old Te-flament as they thought good: But in Lieu thereof, they own'd feveral futurious and Aportyphal Writings for Caso-nical and Divine. Such were the Acts of St. Andrew,

ENCYCLOPÆDIA, the Circle, or Chain, of all Science

and Arts. See Arr and Science.

The Word is compounded of the Preposition in, in. wax Or. Circle. and mushe. Science. Dollrine. Discipline. Learning the Root being rale, Child. Infant.

Learning; the Root being rate, Child, Infant.

Tis mithachy that form derive the Word from rise,
a Chain, or Fetter, that holds by the Feet; it being wrote
in Greek by an us, not an e: Epusaborated.

The Greek ufed the Term for the Knowledge of the
feven liberal Arts, and the Poficificn of all Sciences
Orbis ille Deldrine queue Greek i Symanusculfus voccoun;

true Louring and Greek symmetrial opening flays Quintilian. They also call'd it managed in. Vitra-

ENDECAGON, or HENDECAGON, in Geometry, a figure of cleven Angles, and confequently eleven Sides. See The Word is Greek, spanned, form'd of is Ass. Flower.

The Word is Greek, solosops@, form'd of bobse, Eleven, and yolie, Angle.

ENDECASYLLABUS, or HENDECASYLLABUS, a Veric confiling of Eleven Syllables. See Varut.

Of this we have Abundance of Indiance in the Greek and Latin, and fill mere in the Italian Poetry.

The Greek and Latin Endeenfyllabut, is also call'd boleways, from the Name of its Author: Tho', in Ca-Pholeness, from the Name of its Author: Tho', in Ca-Con Derarenens

See PHALEUCES. ENDIMIAL, or ENDEMIOUS Differse, thus call'd from s_t, in, and δ²μω²₂ Φ²ψθείας. People) is any Differse which affects many People together, in the Enne Country; as proceeding from forme Carle, peculiar to the Country where it reigns. See Direkars. Such are the Scurry to the Northern Climes, intermitting

Such are the Scarvy to the Poster's Children in Scarve Freezes in marthy Places, Sc.
ENDENTED ENDENCHEDENTED INDENTED.

in Heraldry, is applied to a Fefs, a Pale, and other triangular Pieces, when divided alternately between two different Colours. Piece, when divided alternately between two different Colours, or Eudenteel, with or and Assare. See INDITEMENT, or INDICTMENT, in Common Law, is much the fame as Accopatio in the Civil Law; tho, in fome Points, it differs.

is much the finne as Actorphics in the Civil Law, the, in fone Points, it delids, Bill, or Destroires mode, in Ferne of Law, (for the Benefit of the Common-Wealth) calibred as an Accasiton of a Ferfon, for from Offstore, either an Accasiton of a Ferfon, for from Offstore, either an Accasiton of a Ferfon, for from Offstore, either the Common Offstore and the Common Offstore having power or painth the fail Offstore. See Insurersary. It is always at the Suit of the Comp, and Way field to the Proof thereof, you can say Parally, it is to see proceed, except these appear Configury. See Java, C.S.

Light Say, is never aide has when Falled and Common Offstore, and Configuration of the Common Offstore, and the Common Off

an Endorfe Argens.

ENDORSED, or ENDOSSE, in Heraldry, is where The board have

hings are here back to back.

ENTIREMENT OF INDORSING, in Law, implies the ENDORSING, or INDORSING, in Law, implies the Writing on the backfide of a Deed, Inframent, &c. fome-thing relating to the Matters contain'd therein

thing relating to the Matters contained therein.

**Linder@sense is particularly used in Commorce for a Writing on the Back of a Bill of Euchange, by the Projector, or Barres; others, thereby, to trapifer it to fome other, or to remain flagritumes or Receipt. The Euchystense is the Sample Name of the Prospector, or Euchystense is the Sample Name of the Prospector, or Euchystense is the Sample Name of the Prospector, or Euchystense is the Sample Name of the Treppeters, or Euchystense is the Sample Name of the Its eliberation of the Property of the Sachange in reader it spayles to another, it is called an Order. Con Oamer

Sec Onza...

To an Order, 'is neceffary the Endorframent be dated, and contain the Name of him who paid the Value thereof: In which Cale the Bill belongs to the Perform with whole Name the Order is filled, without any other Transfer is Without their Conditions, the Bill is judged to belong to

an water, tolk the list hologop to the Perich with white the Condition, the Bill is lapid to hologing to the Perich with Ethiologia II. and the Perich with Ethiologia III. and the Perich with Ethiologia III. and the Perich III. and the Perich III. and the Perich III. and III. and III. and the Perich III. and II

See VICABAGE

See Vicanacy.

ENEMA, from sign, immitte, 1 fend in 3 is formetimes
used to expects a Clypter. See CLYSTER.

ENEMON, according to Ethenberd, is a Medicine
which stops or strong, closes the Passages of the Veilels before
open 3 or dimnisthen the Fassages of the Veilels before
open 3 or dimnisthen the Fassages of the Veilels before Syrpere

See System 6. The me reaging, I lift sip, or float; ex-perfiles find Contents of the Urine, as float about in the middle, refembling a Cloud; and there a file cult Nulse-culte Hypologis. See NURREULA and URINE. ENERGUMENUS, a Term uted by Divines, and Schoolmen, to figuific a Perfox popility's with a Devil, or an Evil Spirit. See Postmanous.

in Evil Sports. See Possession.
The Papiess fays, the Euergement were fuch as counter-feited the Actions of the Devil, performing Things which form'd fupernatural. The Council of Orange debars, or deprives, the Energement of the Functions of the eprives,

The Word is form'd from the Greek, suspense, to be agitated, work'd, of a and agor, Opus.

aguanas, cuerra, et u and typu, Ofut.

ENERGY, an uncommon Force, or Strength, in a
Difcuarfa, a Sentence, or a Word. Thus, we fay, the Words
of Holy Scripture are full of Energy.

The Word is Greek, intypia, form'd of the Preposition

and sezes, Work, Labour.

is and type, Wirk, Lebon.

We allof up Emperic, as Europic Style, Europic Terms, S.A.

The fine Appeliation Europic, has been given to a relighton Sed, of the Stotenth Centrary, by Recibin they belight

State of the Stotenth Centrary, by Recibin they belight

Chirtle, and his Bely, nor a Repreferation thereof.

STARRANTE, to define you be From, Use, or Olice of

the Nervay, cither by catting them, by weakings them

with Dehandery, or by force citer Vice, or Olice or

Exact of Wine, and other throng, but, fortinous Li
quest, serverse, weaken the Nervas when they would

render a Horfe ufclefs, they Enervate him, or

In the Manage, Enervating is particularly used for the catting two Tendens in the Side of a Horse's Head, under the Eyes, which meet en the Tip of the Nose: They Enervaste Horse to make their flead small and lean. The Word is also used figuratively : 'Tis no finali Artinc word is also used agaratively: 133 no small At-tince in disputing, to be able to Eneroste, and extenuate the Allegations of one's Antagonist. This Author has a

weak, Exeruste Style. See Neave.

ENERVATION, a Term in the antient Anatomy, applied to the Tendons of the Recti, or direct Murcles, of

plied to the Tendons of the Addonen, do not go the Abdonen.

The Filters of the Refelt of the Abdonen, do not go from one Extreme of the Mafele to the other, but are interficiled by feveral Nervous Places, called by the An-titions Exercisions; sho they be real Tendons. Their Number is not alike in all: Some having three,

cotters four, Ge. See RECTI.

ENFANS Perdus, a French Phrase, literally implying lost Children, and by a little Extension, Perfons fortern

to figuific the Soldiers who march at the Head of a Body of Forces appointed to fuftain them ; in nend or a necty or torses appointed to furthin them 5 in Order to begin an Attack, make an Allaht, or force a Poil. At pretent 'its the Grandiers that uffailly begin fitch Attack. See Planus. ENELIADE a French Term, femerities ufed in Es-glish. It fignifies a Series, or Continuation of feveral Things, disposid, as it were, in the fune Thread or

As an Englade of Rooms, of Doors, of Buildings, &c. It is also used figuratively; as a long Englade of Stories,

It is also used signaturely; as a loog English of Stories, Examples, Narrations, 16:.

The Word is formed of the French Verb Englist, to firing a Thing, which is compounded of en, in, and fil-on filons, Thread: q. d. a Thread, or String, of any

Thing.

ENPIRADE, in Wat, is applied to Trenches, and other

Lines, which are Esplital, i.e. in a Line, and fo may be
frourd, or fwept, by the Canon length-wife, or in the
Direction of the Line, and render'd almost defenceleft.

Direction of the Lini, and reasired attended defracededs.

Cure mult be taken that the Lines be not English,

On the contrary, the Covert Line mult be Diplich, that
the Entry may be deriven out of II.

The Market of Lines, and the Covert Lines, is finished to
the Englished yithan is, to be found according to in Length.

A Partiest & Englished, in that where the Conne rise a
tight Line. A Poly, or Comment of Englishe, in Highler

from which core may foure a whole right Line at ooc.

The Cumm play on the Poly the Englishe. The Trackets

are to be circus out the English, i.e. are no be care.

ENFRANCHISEMENT, the Incorporating any Man

ENFRANCHISEMENT, the Incorporating any state into a Society, or Body politic.

For Example: He that by Give Charter is made Denizen of Expland, is fall to be Enfranchifed: The like understood of a Perfon made a Ginzen of Londou, or other Gry, or corporate Town; by Reselin he is thereby made Particle of the Liberties apperaining to the Corporation whereof

he is Enfranchifed.

ENGASTRIMYTHUS, or ENGASTRIMANDER, a
ENGASTRIMYTHUS, or with, the Belly; without opening the Mouth; or, if open, without fitting the Lipe.

ing the Mouth; of, it open, without mitting the Lips.
Thus call'd by the Greek; from w, 1888, Belly, and 100-5, Speech; and by the Latins Ventriloguus, quafics ventre Loquens. See Yentralloguous.
The antient Philosphers, &c. are divided on the Subject.

The minin Philosphem, Get. are divided on the Subbett of the Engalarization. Higheretian ensains it as a Divided on the Engalarization. Higheretian ensains it as a Divided on the Engalarization of the Engalarization on the Divided on the Engalarization on Engalarization. Divided in the Origina, and first Divided the Continuous of Origination, and Divided on the Engalarization. These and clinical Engalarization, were the "Philosphem or Prichestics of Aprilia, who additived Oracles from within, Ser. Chryphines and Oromonical, music experiments, and Communical, music experiments, which reports the Engalarization of a Serie of Divine Men, called by the Greeks Engalarization, which reports the Engalarization of the Control of the Contr

See ORACLE.

See Obacca.

M. Ackstrus, Library-Keeper to be King of Profile, in a Differentiation on the speakonise of Honor, maintenin, that when the Pitchies Could not fresh to Wreft, Supplied the Diffe, by explaining, or editoring, in Verfe, what spinite distinct in the Carry, or Elby, or the Basin, that is the Diffe, by explaining, or editoring, in Verfe, what spinite distinct in the account of the Basin, that is continued to the Carry of Elby, or the Basin, that is continued, at Englishingth, Suggraph, Elby, GENDRING, the Act of beginning, or producing. ENGENDRING, the Act of beginning, or producing The Tenn is thewest applied to the Production of Nauve: Thus, Mareser are faid to be Engendered in the middle Region of the Air. See Marson. See House.

The Antient below of business. See House.

The Antient below of business was a superscription.

tion, See Insect.

Pautekailon. Soe Issuer.

KNGINI, a compoued Machine, or Indisument; confilling of feveral fimple cone, as Wheels, Sorwes, Javens, or the filt, combined topined; in Colders Inflie, oils, or et al. filt, combined topined; in Colders Inflie, oils, of the filt of the colders of the Called Department, Will, Ingustry a play, of the Land Department, Will, Ingustry as Parkent of the Colders of the Co

The Kinds of Engines are minime: Some for War, as the Batilga, Cataputus, Scortio, Aris, &c. Others for the Arts of Pence, as Mills, Cranst, Profits, Clocks, Wasters, Engines to raife Water, to extinguish Fire, Ele. which fee under their respective Articles Mills, Clock, While, Some Control of the Water, Cook, Water, PRESS, FIRE-Engine, &cc. See also INSTRUMENT.

ENGINER, in in general benef, is applied to a Con-triver, or Maker, of any Kaul of utical Engines, or Ma-ter and the control of the control of the control of an an Amy, or forming Hene, whole Gibin is in control, and impfed Attacks, Defences, Weeks, &c.

An Engineer Henell be an able and open Machanies, and the control of the control of the control of the Gaussery is being often feat to view and examine the Places intended to be attackly, on cafe or and flow the Grazura the worlder Hene, no draw the Terenbes, string the and best of the control of the Weeks, Stray, Mitres, &c. and appoint the Workmen their algaby Talk: He tills make the Lines of Contervalations, with the Redokules.

E. from Space to Space, Under the new Effablishment of the Office of his Ma-jefty's Ordnance, are fix Engineers, and four Sub-Engineers.

CORDNANCE

ENGLECERE, ENGLECHERIE, or ENGLES-CHIRE, a Term of great Import to our Anothors; the now obfolcte: It properly fignified the Quality of an Engliphanes.

Thus, if a Man were privily flain, or murther'd, he was, antiently, accounted Prancipens, (which comprehended every Allen, effectailly Danas) till Englererie was proved i.e. till it was unade appear that he was an Englipman. Bracton Lib. 3.

Breifens J.d.; v.
The Origin of the Cultimn was thus: King Cimens The Origin of the Cultimn was thus: King Cimens I having conque'd England, at the Requilt of the Noble, he feel that his Army into Diesant's, only referring in the Feel that the Company of the Company of the Company of the Company of the Marther is or, if he citaged, the Village where the Man was flush flouid be charged to pay 65 Marks into the Exchanges. After the Law, hence a Marther was economical, it was needley to prove the Parry dila an Zenjaljanae, that the Penalty of 66 Marks might not be charged on the Village.

charged on the Village.

ENGLISH Tongoe, the Language Epoke by the People of England; and, with fome Variation, by those of Scalland, See Language.

The English is of Gathut, or Testionic Extraction: This was the Root, or Stock, upon which feweral other Disletch have been fines grafted; particularly the Latting and French. See Travorate, G. G. (1994).

The Language antiently fiole in our filand was the Zri-tific or Weick, which was common to the Zritans and Gentls; and which fill thoffic, in more or kell Parity, in the Principality of Wales, the County of Correct, the Islands

where Principality of Water, the County of Corrent, the Illiand and Highlands of Scentent, Patients, and four Province of the Read Highlands of Scentents, Patients, and four Province of the Read England, exceeding it felf towards the Western Parts of England, exceeding it felf towards the Western Parts of England, exceeding it felf towards the Read Tractice; the Reads Touges became propagated theretain the Read Province of the Read Tractice, the Read Tractice of the Read Tractice, the County of County of the Read Tractice, the County of County of the Read Tractice, the County of County of Tractice, the County of County of Tractice, and the Read Tractice, and the

Spain, and the Gauls, partly on Account of its great Diffance from Rome, and the finall Refort of Romans hither; and rrom genne, and the tmall Retors of Kennish hither; and partly, for that the entire Reduction of the Kingdom was not effected, till fo late as the Empire of Clauding, when the Empire was on the declining, Hand; and the new Province was forced to be foon deterred by its Con-querons, call'd to defined their Territories mearer Home.

General, See Lavin.

Britain thus left naked, became an caff Pery to the
Britain thus left naked, became an caff Pery to the
Angle, or, Angle Science, a firefuling Nation from Justand
and Norvey, who took an eafy Pediction thereof; much
that the Prantic, another German Nation, about the Time that the Franks, another German Nation, casted Gani. The Gauls and Franks, it feems, at length, came to Terms; found Means to unite into one Nation; came to Terms; found Means to unite into one Nation; And thus the antient Gamily, with its Mixture of Latin, continued the prevailing Tongue, only further insternized with Francis, or Lizzus France, of their new Humates: But the 2018/2018 were more conflort, and determined adolbactly to refut any furth Collision; they had embraced Christianity, and their Competitors were Hustbass Rather than admit of facts at Utmon, therefore, they chold to be flut up, with their Language, in the mountainou Parts of Cambrie, or Wales.

The English Sexum thus left abfolute Lords, changed every Thing; their own Language was now fully establish'd, and the very Name of the Country was henceforth to be

Anglo Saxon Angle Saton.

The new Language remain'd, in good measure, pure and unturit' will the Norman Invation: The Attempts of the Baset, and the Neighbourhood of the Bratasto, indeed wrought fome letter Innovations therein; but, in the man, it profers' at Italy see, as to the Danse, or the measurement of the profession of the Danse, and the profession of the p their Language was not much different therefrom, Edward

the Configure, however, who had lived long in France, Almost the Next 1150, index Henry II, it was that tree-or that Control in the Manager of the Dialect der'd by Fope Advisor, on Englishmen, in Rhime-or that Control.

might, prilley, bing in a link Mixauer of the Dialect of the Country.

The William in claim was found as the property of the Country of the C

begiese gives out of Ufi.

Honce, as to the Origin and Erymology of many of our
Words, Dr. Wallis lay it down, that fish Words of Grants Original as we have in common with the France,
are to be reclaimed as we have in common with the France,
are to be reclaimed as a we have in common with the Prance and the Wilch while are found in our Language, have been likewise taken from the Wilch while the France Longuage.

the French. See Erresencov.

Hence, allo, the time aburbe accounts, why the Names of the divers Sects of Cartle are Sasson, as Os., Cow. Celf, Sleept, High Boar, Dev., Get. — And syst that Celf, Sleept, High Boar, Dev., Get. — And syst that Celf, Sleept, High Boar, Dev., Get. — And syst that Celf, Martin, Perk, Hawa, Vinifon, Get. The Norman Seldens, forfooth, not concerning themselves with Parkers, Atthem, Feetha, and Batter-Parks, and the like Places, where fish Creatures are fed away.

key; fo much as sith Markex, Kishha, Kesha and Benerichmens, where the Sod was citier typeral, fold, or ensure, Under Hory M. Dr. Swift obferves, the French made a fill greater Properly by version of the large Territories he polified on that Continues, both from his Father and kniffer, which could be suffered to the property of the surface of the property of the p

handed Yors ap, from to have had more Front than a repetual that particular from the Congresses, the Language, in Proceis of Time, underwent divers others; and came to have memores Works and Planfac of facility and the contract that the contract

The second of th

· Uren Fader thic arth in Heofnas, fic gehalgad

thin Noma, fo cymeth thin Ric. Sie thin Willa

· fue is Heofinas, and in Fortho, Se.

00 Years after, in the Year 900, the fame was render'd thus: Thu are Fader the Eart on Heofenum, fi thin Nama

gehalgod Cume, thin Rice, fi thin Wills on Eurthen

In the following Age it was turn'd thus in the Saxon Homilies, faid to be translated by King Alfred.

Peder ure thu the Earth on Heofenum, fi thin
 nama Gehalgod to be come thin Rice, Gewurthe
 thin will a on Eorthan fwa fwa on Heofenum, &c.

- Ure fadyr in Heaven rich,
 Thy Name be halyed every lich,
 Thou bring us thy michell bliffe;
 Als hit in Heaven y-doe
 Evar in Yearth be it alfo, &c.

About no Years after, in the Time of Henre III. to

Fadir that art in Heaven bliffe,
Thin Helge nam it wurth the blifs,
Cumen & mot thy Kingdom,
Thin Holy Will be it all don
In Heaven and in Erdh alfo, &c.

200 Teats after, under Hears VI, it was render'd thus:

Our Fadir that art in Hevenes, halewid be thi Name, thi Kingdom come to thee, he thi Will done in Eerthe, as in Hevene are

An extraordinary Specimen of the English, as fpoke in the Year 1385, Dr. Hicks furnishes us withal, in his Thesaws. Liter. Supram. which we shall the rather entertain the Reader withal, as it is on this very Subject the English Tengue, and contains not only the Hiftory, but the Rea-fons, of the Changes and Differences therein.

Tempe, and constain not only the Hillory, but the Reinia, of the Changes and Difference therein, with in this
Lond; there beeth also for many dyven Longogs and
Tempes. Nother Brights Mrn and Nour that beeth
Tempe. Nother Brights Mrn and Nour that beeth
Tempes and Speches, but yif the Sowier that
wave floration conditions and wound with the 'Bright's
first Longogs and Speches, but yif the Sowier that
wave floration conditions and wound with the 'Bright's
that wavech in the Bright Stee of Briats, havech held nor
thange Spech, and spleched Seconders own. Afto Bright
Speches Northern, Sowieters, and middle Speche in
the middle of the Londe, as they come of three maste
of Pupin of Germania Northern and the Speche in
the middle of the Londe, as they come of three maste
of Pupin the Contenty Longoing is anywed [conregard]. This appraymage of the battle of the Yange
Soots agent the Urge and Maner of all other Nations,
been compiled see to keep him can Longoing, and for
be they have the Normania come fail into Englishes,
but he was the Manera of and the Manera of
the Speche In the Normania come of this lime of
the other Normania come fail into Englishes,
the Speches Temperature of the Manera of the Manera of
the Speches Temperature of
the Manera of the Manera of the Speches One
the Speches Temperature of the Manera of
the Speches Temperature of
the Speches Temperatu beech conspiled for to beec him com Longogo, and the form of the control of the control of the control of the Albi Genciesson Childran both usuphr to fpeak Proglobe from the Types the Longogo and the Control of the Control of the Control of the Control and application. He can be seen to the Control and application of the Control of the Control and production of the Control of the Control and production of the Control English Men and her own Longogo and Tonge, is for dyverted of Soon in this con Housi, and the Longogo con manner from among alle Men that fleelth his arising in Englisher. — Albi of the fortful decour Tenge with free uplendificial Men is great Wooker. For Men of the Egg, with Men of the Weigh, as it were, under the dam Partie of Tengels the Novit, with Men of the Square. Therefore it is that Albertin, that benth Men of "myddel Englished, as it were Partices or of the Ender, Sunternary, the Navigerous understown under the Control of the Sunternary, the Navigerous or Sunternary understood the Sunternary, the Navigerous or Sunternary understood the underthouled better the Side Longages Northerms as Samberns, this Nurtherne or Samberns underthouled either other. — All the Longage of the Nurthenness, the Control of the Control of the Control of the Topyton, and subhape, that we Samberness Men may that Langage sanothe undersloade. I trow that that is by castle that they been my to Grange Men and Nations, that speketh stronglishes, and also byeans that the Kniges of Engelian womental language that the Con-trol of the Control of the Control of the Con-

'ur, 6'c.

How the English stood about the Year 1400, may be fren in Chancer, who refined and improved it very considerably 1 sho he is charged with the Affichation of mixing too many French, and Letin Words with the English, and by that Mones altering and corrupting the primitive Language.

In the Year 1537, the Lord's Prayer was printed ac-cording to the following Version:

* O Once Father which arte in Heven, halowed be thy
* Name: Let thy Kingdome come, thy Will be fulfilled
* as well in Erth as it is in Heven, Se,

Where

Where

Where the Render will observe the Dictions almost Efficient 1, a would have field, but for the Consolution broughts to the pricins Standard; the Variations below the state of the three State of the Consolution of the State of He threw afide Abondance of the outlandth Oreaments, and wrote a purer English, yet with more Elegance and Variety, than had been known before. He was facceeded in order, by Schaleforn, Par. Johnfan, Lord Bacan, Milton, Cocaley, Weller, Tillarian, and Dryden, whole Works are in every body's Handay by whom the Language has been transmitted to us under all its prefer

Advantages.

The Perfections afcribed to the English, and that in a degree superfor to any of the other Modern Tonques, and the superficients: to which our finely compounded Words, form'd on the Model of the

Greekt, do not a little contribute.

2º. Copious: of which Mr. Greenessed gives us Instances in the Word Striking: which we have above 30 different, in the Word MINING; which we have above 50 cumerous, fracomous Expertitions for 5 as, to finishe, bung, best, ball, buffer, cuff, bit, thump, thwack, flap, rap, tap, kick, planc, boy, ever, punned, punch, bef. And the Word Mayer, for which he cummerates above 40. So we fay, to feath to the Mill Hells, from Prance, faceber Eggs, coddle Apples, bake Bread; for which Expertitions

So we fay, to feeth or boil Fields, frew Prance, fache Eggs, codide Apples, bake Bread, for which Expreditions to feeth, flew, puche, coddle, and bake, the Letins, with all the boarfled Opsis of the Trongue, have ently accelerate, and the French, as much as they abound with Terms of Cookery, not many more; the Word Caire, ferving, indifferently for feething, boiling, baking, there

ing and codling.

mg and codding,

3°. Mulicul and bornsoniests; in which Refpell Mr.

Dennit makes no Strupple to affert it fuperior evan to the

Presch. Tais, which fome may think irrings, he proves

hence, that we have blank Verfe which is harmonious

by mere Porce of Numbers, and Quantitys, whereas the

French have long ago desifted from all Preemions to portical

Numbers, without the Affithmen of Rhime. See Quan-

Numbers, without the Additions of Rhime. See Qu'ass-triv, Namana, Ge.
It may be added on this lift Head, from Mr. Wid-Bond, that the Engiph has many Mainter, be "Jourial" and Yerobe for Intince, in common with the Greek and Laring an Advantage aringing mon the Variation of the Access. And that Rhime is peculiarly natural to it, varying it for to the Ear with exceller Sourcestie, it, it, varying the Greek of the Deep See Conference of the numberleft other Groscy, which the English Verification is excelled to Newed are other living Language. See is capable of, beyond any other living Language,

Retrist, §C., Syman under thing, Leighage.

Series chiefd in the Toriffy, its confiffing too much of Mondiffy the Proceedings of the Proceedings of the Name of the Proceedings of the Name of the Proceedings of the Proceedings of the Name of the Proceedings of the Name o MONOSYLLABLE.

MONOYLLABER.
Some of our later, and politer Writers, however, find.
wherewithal to find Fault in our Language: I forms it
does not come up to the Softenes, the Delicacy of the
more Southern Languages, Prance, Spain, and Italy,
It retains formedst of the Gathie Roughness, of the
People who framed, and introduced it, the Soil and the
Collings it was planted to come the property of the contractions of the property of the contractions of the contraction of the contractions of the contr Climate it was planted in, not tending much to mellow

and effect it.

The this Perped does Dr. Swiff talk, who accounts for the Talker through the Learn's Groupe was never in the Perry Talker through the Learn's Groupe was never in the Perry Talker through the Learn's Groupe was never to the Learn's contract through the Learn's through the Learn's through the Learn's Groupe was the Learn's Groupe was to be conformed to the Chert Devision of Policy, and fifther it is not be conformed to the Learn's Groupe was in them; and 'tis but just our Language correspond with the rest of our Character. We have formewhat more of the rough Virtues of human Nature unfubdued, unpolift'd away by Art; and when these are gone, we may talk as softly, and as prentily, as the Difficienc, Enervate,

Bet the Revel. DocRow returns further: "Our Language,"
in dufferm, "is extrumed hyparfecks; is improvement in
"no proportion to its Computences and in many Indiances
"to etionis agualtic every Part of Commun." What this
"to etionis agualtic every Part of Commun." What this
way after appropriate to lit, that the Topid's Timeson
official agualtic the Grammar of the Indian Timeson of Conficial spinish the Grammar of the Indian Topid's Timeson
or and the Commun of the Indian Topid's Timeson
official spinish the Grammar of the Indian Timeson and the
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Timeson of Timeson
Ti The the Language directs the Grammar, not take verifys, So that if there be any Difagreement between them, the Fault must be charged on the Grammar, which is to far deficient. Does he mean, that it offends against the Gram-mar of the Latin, or Grock? That may well be, without any Fault; for the Grammats of all Languages widely

differ.

Mr. Welftend is fully of Opinion, that the English
Language is not capable of a much greater Perfection,
and it has already attaind: We have trafficked, he obferres, with every Country for the enriching it: The Ancients and Moderns have both contributed to the giving it Splendor and Magnificence; the fairest Seyons that could Spennor and integration of France and Italy, have been grafted on our old Stocks, to refine the Savagenesis of the Breedy we have laid afide most of our harft, antique Words, and retaind see but those of good Sound and Energy: The most beautiful Polith is at longth given our Tengue that it will bear, without defroying, and all the seed of the Breedy and the Savagenesis of our lengue that it will been, without districtions, and are terring the very Blast and Groundwork of it. In 17th terring the very Blast and Groundwork of it. In 17th wanting, either of Copionffeets, or Hermony. He goes on to argue the Mutuarity and Perfection of the Lingloft, from another very extrinial Principles, ere. By compri-ing the Time, and Circumsisses of the Improvements, made fince the first Refunes of its with those of the Greek, Letter, Perrett, and other Torques, this consistely have rifen to their Height,

Every civilized Nation, that applanded Author thinks, has its Claffical Age: and he fuggeths, that the Euglife are not far from it. So that what remains to be done for the English Tongue, should not be to advance, but to fix it where from it. On that what remains we from it. On that where it is, and prevent its Declining. There is in Effect, a Point of Perfection, which when a Language has once arrived at, it cannot exceed, the it may depend on its and thus it happened to the two first Languages the

Control of the contro before Tally, was as unintelligible in his Time, as the English and French of the fame Period are now: And thele two have changed as much fince William the Conquerer, in about 700 Years, as the Letin appears to have

querrer, in about you Years, as the Lettin appears to have
Whether ext Jacopage will decline as fill as the Rauses
did, any admit of fome Dabetra; there being many Garbert and the state of the property of the control of the property of

ENG ENG [311]

On field Confidencience, that Author, with the configurations, that Theore, with the configuration of Numbers of educat, mored the time prime Part, Effect, Theore, Cabboop Stulik, Est, and the time of inguilar the Earl of officials, on elabolith a Society, or on the Lawnel, Cott all Berries on the Plant Scholler, and the Configuration of the Confidencies of the Confidencies and Words, to correct extent and predage entries from confirmation of the Confidencies of

gage a Man to exert his Genius. Our Language is caseny confined to these two islands; and it is bard our Authors Fame should be limited in Time as well as Piace. Were ie not for the Bible and Common-Prayer, we should bardly have been able to understand any Thing springs a hundred

Venre ago Tis a melancholy Reflection, that Petrareb fill freaks good Italian; whereas Chauser, who lived an hun-dred Year later, is not to be understood without a Sursa and Franch Glofflay. And what Security has Dryden and Preside Gionary. And what Security has 2173 cm. himfelf, while Things continue on their prefent Footing, that he shall not in a like Space of Time become as

oblober as Chancer is? Grammars, and Dictionaries, with whatever Care and Judgment they are composed, will prove but a feeble Cary to a flecting Language, unlefs they have fome extraordi-nary Sanction, and Authority. And what is to be la-mented, fuch Writings have contributed to the Corruption almost as much as the Perfection of our Tongue.

Gaaman and Dictionant.

Dic Gill, Zen Zeldige, and Henhun, via certain, by forcing the English Tongue to the Linn Michael, have forcing the English Tongue to the Linn Michael, have concerning Chief, Geologe, and Declarians of Novas, Carolin, Moods and Compingtions of Vorbs, and exhunce the Chief of the Paul of the Chief of the Paul of the Chief of the Paul of the Chief of the Paul in those others, been able whealy to know force of the thompton, Sec. Other Green, Sent and Servasa, Novasa, Sec.

ckar of themefore. See CARE, CENDER, NEWBER, GE-ENGLISH, ÉMERT, & See MANNE, ENGONA SEED, MANNE, MANNE, ENGONA SEE ENGONA SEED, ENGONA SEED, SEED, SEED, SEED, ENGONA SEED, SEED, SEED, SEED, SEED, SEED, ENGONA SEED, SEED, SEED, SEED, SEED, SEED, ENGONA SEED, SEED,

See Fautr-Tree.

Or it is the Art of applying a Greft, or Shoot, of one Plant, to the Stock of another; in fach Mazmer, as that the Sap paffing freely thro' both, the Tree grafted on may produce the fame Kind of Prais with that whence the Graft' is taken. See Ga arr.

Engrefting only differs from Intendation, in that the

Latter is perform'd when the Sap is at the highest, in Summer; and the former e're it rifes, at least, in any Quantity. See INOCULATION.

See Insortation.

Engrafting is one of the principal Operations in Gardening, and that whereon the Goodne's of the Fuel greatly depends. See GARDEN.

The very extraordinary that the Seeds, or Kirnels, or Stones of a Fuel, as an Apple, Pear, Peach, Planch, Cherry, &c. being flows, degenerate in the Ground's 8s, that the Tree artinging from it is of sectors Kind, a Sourt of while-

Tree arming horizer, fourer and coarfer than that of the Parent Tree. To correct this, Trees thus rear'd, must be grafted from other better Kinds. See Seminary, Orchard, Nurserry, Se.

NEMBERY, 956.

Apple is commonly rain't by Engrafting the intended Kinds on Crab Stocks, procured by printing on the wild become of the stocks of the stocks. Indeed, in the Paris, and the Stocks indeed, in the Paris, the stocks in the Stocks indeed, in the Paris, the stocks in the Sto Merry Stock, rais'd from Stones.

Our best Gardeners, likewife, Eugraft their less kindly Trees from other better of the fame Sort, to mend them 3 as, also, the smaller and single Flowers, as Gillistowers, Ge. from the larger and finer. To produce Stocks for Ea-

grafting on. See Speck. The Curious furnish us with other extraordinary and anomolous Indiances of Engrafting: As of Apples on

Virgil Geor Tib II

Caffance, fagos; Ormufque incaunit albo
Flore Pyri; Giandermoue Sues frevers fub ulmis, Id.ibid.

The Origin, and Invention of Engraphing, is differently related by Networkhila: *Theophraphin relia su, that a Black having swill-set a Frent whose, call it forth into a Coff, alternative and the state of the Company of the particular part of the Way. And having well-defined Patrs of the Way. and having well-defined Rangin, it bedded, and produced within this Tree, another Tree of a different Kind. This lead the Husbandman to craim Redeckions, from which, from starwards, grow for the cortain Redeckions, from which, from starwards, grow for the cortain Redeckions, from which, from starwards, grow for the cortain Redeckions.

Art of Engrafting.

Pling fees the Thing in a different Light: A Country Thirty for the Thing in a different Light: A Country-men having a Mind to make a Philifide in his Grounding that it might codure the longer, be behought himself to fall up, and Herughton the Bottom of the Palifide by running, or watting it with the Trunks of by. The Ef-fel of this was, that the States of the Philifide taking Root, became Engraphic into the Trunks, and produced large Trucy; which inggedded to the Hubshandman the Art large Trees;

The Reason, or Philosophy, of Engrafting, is somewhat obscure; and had not Hazard given the first Hint, all our Knowledge of Nature would never have led us to it. The

coment de mar de service de la comentación del la comentación de la comentación de la comentación de la comentación del la comentación de than to under it set with it: For it is vinoue that the Cyon preferres its natural Parity and Intent, tho it be fed and nourifu'd with a mere Crab; which is, without doute, eccasion'd by the Difference of the Veffeis in the Cyon from thoic of the Stock: So that Grafting may be juilty com-

pared to Planting.

about the missing the missing may be purely seen to the property of the Bertal place of the Bertal, by their Seen-while, the missing place of the Bertal, by their Seen-while place of the Bertal, by their Seen-while place of the Bertal, by their Seen-while place of the Bertal place of t

The Cyon, to fay no more, is fomewhat in the Condi-tion of the Parus in Utero, ted from the Mother's Blood: At leaft, 'tis in that of the Infant after Exclusion, fed

At leaft, 'tis in that of with the Mother's Milk,

with the Mother's Milk.

The Michods, or Kinds of Engrafting are various; as
Grafting in the Cloft, Grafting in the Rind, WhifGrafting, Grafting by Approach, Seatcheon Grafting,
Ross Grafting, Restreated Grafting, Grafting on Enda-

côte, ôc.

The Appenatus, or Influencests used berein, are Saws to
cut off the Head of Stocks; Knives to make Cieffs; a
chilid to pare away the Wood, Clays, mick with HorseDung, to prevent freezing, and with Transers Hair to
prevent cracing; Bell's Strings, or Wooline Yars, to the the
Grafts with, and Grafting Wax. See Wax.

**Conference Conference Conference

Grafir with, and Grafting Wax. See Wax.

Grafing Wit for Office of Stack, call'd also SlitGrafine, is the med antent, and ordinary Way. We have
a very beautiful Definition of it in Virgil, II. Georg.
T. 8. it is chiefly used for meddle fixed Stock, from one to
two Inches Diameter. Its Scason is the Months of James,

February, and March. The Method, as now practifed, bebeing cut off, a Shoulder is to be made in the Graft: And the reft to be performed as already shewn under Grafting

is thus:

The Head of the Succh being favan, or cut off, thoods. The Head of the Succh being favan, or cut off, thoods being the Head of t bound on with Ofter.

The Reader, who would have this in more elegant Terms, may be familh'd from Virgil.

Aut russum Enodes Trumei resteautur, & diee Finditur in solidam Cameit via: deinde ferdees Pleme Immittuntur: nec longum Tempus, & Ingens Eniit ad Catum ramis felicibus Arbos, Miraturque novas frondeis, & non sua pama.

GRAFTING in the Rind, or Shoulder-GRAFTING, cal-led also Slicing and Packing; is practifed in the latter End of April, or Beginning of May. The Method is as

Ead of April, or Beginning of Morj. The Method is a Galland of April, or Beginning of Morj. The Method is a Galland of the April of the Cyon, for a Standard The, it may lie er not be filled in the April of the Cyon, for a Standard The, it may lie er not be filled in the April of the Cyon, for a Standard The, it may lie er not be filled in the April of the Cyon, for a Standard The, it may lie er not be filled in the April of the Cyon, for a Standard The, it may lie er not be filled in the April of the Cyon, for a Standard The, it may lie er not be filled in the April of the Cyon for a Standard The, it may lie er not be the April of the Cyon may fit it. Wherin, Regard is to be had to the Bigself of the Stock, and the Thinkest of the Link, so properties the length and beauth of the Chip and Cyon will not meet. Lattly, 19pt, the Co-Er net of the Cyon on that of the Stock, they bold them suggested and Cyon will not meet. Lattly, 19pt, the Co-Er net of the Cyon on that of the Stock, and the April of the Cyon on that of the Stock, they bold them suggested the Above, and as for bold we disconting the Co-Er net and the April of the Cyon, will it become flarp at Top, that the Ram and Cyon will not be come flarp at Top, that the Ram and the April of the Apr Rain may run down it.
This Method has feveral Advantages beyond the form

This Method has feveral Advantages beyond the farmor: An that the Wound healt up foreour; and that, in she At that the Wound healt up foreour; and that, in she does life lipiary to the Stocks and Gright, as avoiding the fever Spiritings and Finishings: That the Burk is more cally placed in the Juliage of the Sup hort, than in Vigora, and beam fromer in this Way than in that: and that it is predictable on maller Stocks than the other, which much larve a good Body, and Considience, we they which much larve a good Body, and Considience, we they can bear Cleaving,

GRAFTING in the Bark, is perform'd thus:

Gasarine in the Bark, is performed than: Prepare the Stock, and Gyan, an Indepting in the Rind; lan, linited of corting the Bark of the Stock, the thine the Bark of the Bark of the Stock, the thine the Bark of the Bark of the Bark of the Bark the Bark of the Bark, with the Top of the Stock to Stock of the Bark, with the Top of the Stock to Table III. The Bark of the Stock of the Upon Intellement, much of Ivery, Stock, or the IIII, and formed but Table III. the Bark of the Cyon Intellement, much of Ivery, Stock to Table III. The Bark of the Stock of the Stock, and Room for the Cyon, which being pure in the Bark, in the to the Stock, and Edgise of the Cyon.

GRAFTING by Approach, call'd also Insrching, and Ablatistion. See the Method thereof under the Article

ARLACTATION.

Whip-Gradting, or Tongue-Gradting, is a Sort of
Grafting in the Rind, proper for small Stocks, from an
Inch Diameter to a Quarter of an Inch. Mr. London Speaks
of it as the most effectual Way of any, and that most in Ufc.

in UCs, who Stuck and Open are to be of the time Bigs, outlier, and outlier to the Find's woman and to week. The Cypn to the Signed off a full lead, or more offer, are mariled convaried. See Industrial and Lie week. The Cypn to be Signed off as full lead, or more one of the Cypn th

in the Rind.

This Method is also improved by what they call tipping,

I am sternod is ano improved by what they call ripping, or rognizing; which is, the making a Silt with a Knite in the bare Part of the Stock, downwards; and the like in the Bioped Face of the Cyon, upwards: And then, joyning them, by thrulling une Siice into the other, till the bare Place of the Cyon cover that of the Stock.

them, by threttling one Size; fine the other, till the bas, "Direct of the Cyon core that of the Sixet-expend as in Fine of the Cyon core that of the Sixet-expend as in Whip-Grapting, but the Head of the Sixet is not cut aff. Choi, from a insolo her to the Weil Side, for much cook to the Cyon and Sixet, in Cyon will cover; then this ting both Cyon and Sixet, in Cyon will cover; then this ting both Cyon and Sixet, in Cyon will cover; then the ting both Cyon and Sixet, in Cyon with Chay. At the Tark Inal, the Toy of the Sixet is cut off at the grapted Sixet-expended and clote them up with Chay. At the Tark Inal, the Toy of the Sixet is cut off at the grapting Sixet-expended are all cloth in the Charlest of the Cook Sixet-expended are all cloth in the Charlest of the Charlest Sixet-expended are the Charlest of the Charlest Charlest T., Isofaning it with the Polast of a Kinfe, and charging in a Cyon, prepared as above. See Sever-casson, Charlest Charlest Charlest Charlest Charlest Charlest Sixet Charlest Charlest Sixet Charlest Charlest Sixet Charlest Manual Charlest Ma

ROSI-GRAPTING, is a modern Invention, treated on at large by Agricula: Its Intention is formewhat different from the former, being for the Propagation, or Multiplication of Plants,

tion of Plants.

To perform this, take a Graft, or Sprig of a young
Tree, which you intend to propagate; and a finall Piece
of the Root of another Tree of the firme Kind, or very like
it; or elle Pieces of Roots cut off of other Trees, in transplant-We of the Process or scores cut our or other 4 recs, in transpanting and Whigh-Graff them regether: Obleving, that the two Bar-Esoko of the Graff and Root be united, and that the Rind of the Root joyn that of the Graff. Their may, afterwards, he planted out at Pleafure, and the Piece of Root will draw the Sap, and food the Graff, as the Stock does will draw the Sap, and food the Graff, as the Stock does other Way

This Way of Propagation is very early and expeditions; Roots being more plentiful than Stocks: By this Method the Pieces of Roots of one Crab-flock, or Apple-flock, will the Piece of Roots of one Crab thack, or Applicaced, will ferre for zo or 3 papie Graffi, and the like of other Treen. The fines is an exactless Way for railing of rander Treen. The fines is an exactless Way for railing of rander Treen. The fines is an exactless Way for railing of rander three three three three three three three three three dwarfed, than their done any other Way. See Daware Resistence of Garayrus, or Graffing by a double, or triple language, it is unabler Method mencioned by Agricala, To perform this, first graft a good Cyno on a Stock, and can it ways to one land, or a third Party, then fix that is per full, the officers of Two is promoted, the con-traction of the contract of the contract of the contract of the three thre

that : For still, the oftener a Tree is engrafted, the finer

that: For fifth, the otherer a Tree is engrefied, the finer.
By this Method, that Author affores us, he produced
Musicar Pears, that were admirable; making, at first, use
of a Stock grefied with a Pound Pear, on which he grefiede a Summer Bene Claristies; and when the Beninch of
this later had flow, be graffed on it a Cyon of Bengarage which he also cut, and grefied on it a Cyon of
Summer and the summer and sum a Missions Pear.

a Mejear Pear.
Exea.arrixe of Branchet, Agricola meutors as a
voy certain and profutable Operation, both practitied on large,
roy certain and profutable Operation, both practitied on large,
off and Groffer of terms of the Branche and it leaping
off, and Groffer of three or four Years old be applied to
them, a taking Care to have Stacks, or other Things, to
fupport them against the Wind, US.
He adds, that by this Method, you will have, penhars, the
fame Hear, at leafs, the feecod or third, fach a Quantity
of Fant's as the youngest and foundath Tree would hardly

ENGRAPTING of the Small-Pers. See Incortanting.

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ENGRAPTING of The Small Pers. See Incortanting.

ENGRAPTING of The Small Pers. See Incortanting.

ENGRAPTING of The Small Pers. See Incortanting the Small Pers. See Incortanting Incortanting the Small Pers. See Incortanting Incortat

ENGRAVING, or GRAVING, the Art, or Ad of curting Metals and precious Stones, and repreciating Figures, Letters, and other Matters thereon. The Word is a Compound of the Prepolition in, and

The word is a Compound of the Prepolition in, and the Greek yeses, I corite. The Menage, after Salmafine, derives it from eavure, to hollow; others from the Latin, graphings; and others from the German, graben. a. d. Effodore, to die out. In Latin it is called Sculptors and

Celestres. Engrecing is properly a Branch of Sculpture; the', with us, it generally flands contra-diffinguished from Sculpture; As the latter, popularly call'd Cerving, experties the forming of Figures, U.e. Embols'd, or in Reco; and the latter, thois indexed, or in Crean. See Evo; and the latter, thois indexed, or in Crean. See

Prevente and Character,

RELIEVO and CREEK.

Among the French, the Term Engraving, Gravesre, is of more Extent. It includes all Sculpure, both that performed with the Chiffell and Knife, on Marbles and Woods, in Relievo, and that in Metals, Stones, &c. with the Graver, indented. So Sculptures.

Relievey and that in Menia, Senne, Sc. with the Graver, Relievey, and that is medial to the country of the Renders, according to the Matters it is practified on, and the Manner of a real transport of the Matters in practified on, and the Manner of a row of thimpstudied by the Name of Canting in Finds, that on Menia with April Partie, in called Extensy, that the Menia with April Partie, in called Extensy, that that the Stones, for Tends, VG. Lecrumy or Stone carrier, and lettly, that performed with the Grave on Menia, as Cophila, Get. retrains, over the Menia of Exercises, Canting Cophila, Get. retrains, over the Menia of Exercises, Canting Cophila, Get. retrains of the Menia of the Men

or Imperious, was not known till efter the Invention of pulsing in Oil.

The Differency is the horizon of all of the Imperious A Gold-fraid of Bereacy who having old on this building to the Committee of the Imperious theory of the Imperious theory of the Imperious theory of Piper, by Imperious theory of Solidon Section of Piper, by Imperious theory of Solidon Section of Piper, by Imperious and coming to the Hando of Albert Durier and Lones, they pursty improved it, and began to Engreeve on Wood and Copper, in which Executives in Copper, is employed in september of the Piperious Monthly of the Piperious Residency of the Residency of t

The contraction of the Cortex, which there are the Robert Street with the Cortex of th Fortis.

lay the Plate on, to give it the necessary Turns and Ma-thons: A Burnisser, cound at one End, and trailly statisfin at the other, to rub out Slips and Failarts, softun the Stroaks, 86c. A Seroper, to pure of the Surface, on Occasion: And a Rubber of black Cloth, or Hat, to stall up the Stroakes, that it may appear how the Work

ENGRAVING in Copper with Aqua Fortis. ETCHING.

EFERRING.

KNOBATINO on previous Struct, confift in expedicating
Figures or Device, either in Relieva, or Industri, on divert
Rend of hard, polific Storace, Ser Paracron Struct,
and the structure of Russe, are the most emission structure of the structure of the

that he forbud any body clic to Engrave his Head: And
Angulas's Head, Engraves by the latter, was found fo
beautiful, that the functeding Emperors cheft it for their

Scal.

All the polite Arts having been huried under the Ruim
of the Rossan Empire, the Art of Engraving on Stones
met the fame Fame. It was rectived in Italy, at the Beginning of the 15th Century; when one John of Florence,
and after him Demonite of Missan, performed Works of this and after him Donninio of Milan, perform'd Works of thi Kind no Way to be defpifed. From that Time, such Sculptures became common enough

From thar Time, fact Scalptures became common enough.

Beraph, and particularly in Germany, where great
Numbers were first into other Countries, but they came
four of the Beauty of those of the Ancienza, epocality
those on precious Stones; for as to those on Crystal, the
Germanta, and after their Example, the Preme, &c. have
fucceeded well enough.

In this Branch of Engraving, they make Use either Seconded well enough, or Limming, use prevents, on, one of the Distanced, or Engraving, they make Uffe chief of the Distanced, or Flower, The Distanced, which is the by the Company of the Distanced of the Distanced of the Company o

the Wheel.

cer facer wife, shy apply first one Euce, than sawher, to the Wheel, Sahajia, and Topares, are can all form'd, the Wheel, Sahajia, and Topares, are can all form'd, the first Wheel, and copier Wheel, and publish with Tri-flat, dishmed in Ware. See Earstra, Amerika, Granta, Agata, and other of the fafier Stones, they are can a Lardon Wheel, another of the fafier Stones, they are can be Lardon Wheel, and other of the fafier Stones, they are can be a Lardon Wheel, and the Agree Wheel, and the Copies of the fafier Stones, they are can be supported by the Copies of the Copies

to the 100s, and are re nirth.

The Took are generally of Iron, fornetimes of Braft, As
The Took are generally of Iron, fornetimes of Braft, As
to their Ferm, it is various, but generally bears form Refemblance to Chiffilis, Gouges, & Some have final troud Heads
like Buttons, others, like Ferrels, to take the Pieces our;
others, flar, &c. Thefe Tools are not applied directly
charge. The Cools are not applied directly others, flat, U.C. Thefe Tools are not applied directly against the Stone; but, as it were, fidewise; thus weating, and, as it were, grinding off the Sahthaner. And fill, whether it be Figures, or Lettere, or Characters, the Manner of Application is the time. The Tools, as above observed, are to be frequency modifiend with Diamond Duft, and Oll of Olivez. When the Stone is Engravour. ser or Application is the fame. The Tools, as above delired, are to be frequently modified with Dismostly Dollar of Dollar Witten the Stone in Expression and Topial. For the Internal Properties and Topial, For the Internal Properties of Poster Tools, on papels to point the play deep the American American Stone Stone

Thing is to defign his Figures; then he moulds 'em in white Wax, of the Size and Depth required: And from this Wax he graves his Punch.

This Punch, is a Piece of Steel, or at least of Iron and This Punch, is a Proce of Steel, or at Neas on most and Steel mix'd, in which, ere they tumper, or harden it, the intended Figure, whether a Head, or a Reverfe, is cut, or chiffel'd in Relievo. The Inframensu teld in this Graving in Relievo, which are much the fiame as those wherewish the finishing of the Work, in Creax, is effected, are of Steel. The Principal and Georges of divers Kinds Chiffel. Eliza-

and unusung of the Work, in Creax, is effected, are of Seel-The Principal are Greezer of divers Kinds, Chilidis, Fist-ters, Ge. When the Punch is finished, they give it a very high Temper; that it may the better bear the Blows of the Hammer, wherewith it is struck, to give the Impression to the Marice. See Person 100.

the Marrice. See PENCHION.
What they call Matrice, or Matrix, is a Piece of good
Steel of a Cubic Porm, call'd also Zhye; whereon, the Relievo of the Punch is fluck in Creaze. It is call'd Marrice
because in the Cavities or Indennees thereof, the Coins,
to the Court of the Cavities or Indennees thereof, the Coins,
to the Cavities of Indennees thereof, the Coins,
to the Cavities or Indennees thereof, the Coins,
the Cavities or Indennees thereof, the Coins,
the Cavities of the Cavities or Indennees thereof, the Coins,
the Cavities of the Cavities or Indennees thereof, the Coins,
the Cavities of the Cavities or Indennees the Indennees the Indennees the Indennees the Indennees the Indennees the I or Medak, feem form'd, or generated, as Animals are in the Matrix of their Mother. To fotten this Steel, that it may more easily take the Impression of the Punch, they it red-hot; and after striking the Punch thereon in

make it nobbot and after firshing the Pauch thereon in that State, they preced to stort alo, or efficil the Scholar that the State of the Pauch and the State of the State great Relieve, they are say Thing deficitle; with fone of the Tools abstrongenistical. See March 22. Experies the rel of the Modals, faithful, they proved the Experies of the rel of the Modals, faithful, they proved the Experies the Carters and Enguilment, are performed with little Scal Great and Enguilment, are performed with little Scal formation while the Carters of the Modals, the Carter and the Modals, the Carter of the Modals, the Experies the Carter of the Modals, the Carter of the Modals, the Experies the Carter of the Modals, the Carter of the Modals, the Experies the Carter of the Modals, the Carter of the Modals, the Carter of the Modals of the Modals of the Modals of the Modals of the Pauch Scale Modals of the Modals of

Punch.
To fice, and judge of the Engrenoing in Creasy divers.
To fice, and judge of the Engrenoing in Creasy divers.
To fice, and include the continuent they make UR of a composition of some way. The results will be the perfect of the Engrenoine Common Was, Turversian, and Lamp-black the Inspection of the Part of the Oracle and the the Engrenoine Common Com

When the Matrix is quite finish'd, they temper it, rab it well with Pumice-flone, and clean out the Stone again with a Hair-Bruft; and lastly, polish it with Oil and Emery. In this Condition it is fit for the Mill, to be used

to firike Coins, Medals, &c. See Coining. After the like Manner, are the Matrices for calling of Printing Letters, Engraven. See Letter Founday. Finding Levers, Engravies. See Letter Founders. Marking Foots, Gilding Front, Stampt, Pumelions, Marking Front, Gilding Front, and other Matters, for Goldfiniths, Pewterers, Book-linders, Cf., either in Relievo, or Indea

ENGRAVING in Wood. See Curring in Wood.

ENGROSSING, the Writing a Deed over fair, and in

ENGRUSSING, the Washing, proper Characters.

In the Way of Trade, Engreffing fignifies the Baying up any Commodity in the Groft's Foretialling the Market. See Foretarial and Monoroly.

ENGUICHE, in Heraldry; is applied to the great Mouth of a hunting Harn, when it has a Rim of a different Co-lour from the Horn it felf. ENGYSCOPE, a Machine, better known under the Name of Microscope. See Microscope.

ENHARMONIC, the last of the three Genera, or Kinds

ENDARAMONIC, he had of the three Genera, or Kinds of Madic. See Granta.

The Enhancement Genus, is fail to have been thus called controlled to the three controlled to the con

and CHROMATIC.

ENHERITANCE. See IMBERTANCE.
ENIGMA, or ÆNIGMA, Riddie, a Proposition put
in obstare, ambiguous, and persently contradictory Terms,
to passie, or exercise the Wei, in finding out in meaning,
or, an obstare Disfourie, covering some common, and well
known Thing, under remote and encommon Terms.

The Word is Greek, Arrypus, literally importing dark knotty Difcourfe, form'd of anomans, obscure immure, to hior a Thing darkly. The Latins call it Scirpus: The

hier a Thing unasy.

Hebrews, Tryn.

Fran. Jamins defines an Euigma to be an obfeure Parishe, or Allegory; and makes two Kinds: The one rable, or Allegory; and makes two Kinds: The one rable, rendering the Sentence more intrinse and knotty, or the other leffer, confifting of rable, or naugony; and make the property of th

C. Xi. i. where Fight Christ is called '12, formalin', Rod.]

K. Sabarra, S. ha & Mannier of Forman, faines and

E. Sabarra, S. ha & Mannier of Forman, faines and

Engens, a Difcourfe, or Painting, including fune hidden

monaning, which is proported by the quide. Paintat Engen

Engens, a Difcourfe, or Painting, including fune hidden

monaning upon the proported by the proportion of the concept

S. Painting and Christian of the Christian of the Doctor

Politic Tear Painting Christian II. Painting as a wirry,

writin and abbling, Conf. 3. Periad Engens is a wirry,

writin and Abbling, Conf. 3. Periad Engens, in a wirry,

writin and Abbling, Conf. 3. Periad Engens, part among the E
Engens and Engenstein Pagers.

Periad Mannier Christian, Pagers, were distributed to the Christian, both of dvine, human, and natural Things, under

Expriser. That Propos, Gate debress, overed their De
Critica, both of dvine, human, and natural Things, under

Strong, is now were, on Account of the Chilery Medicals,

Hard on Serpens, the San to a Coccodit, a Shiji, Gat.

Hard on Serpens, the San to a Coccodit, a Shiji, Gat.

Part LXX xendetis, wegatawa. One of the Errog, content forth Mart, and one of the Errog, content Parth Mart, and content of the Errog, content of the Pagers. The LXX renderit, registates. Out of the Enter came forth Ment, and out of the Strong came forth Sweezingh. Whenthy Enter and Strong, is meant a Lion; and by Monthly Enter and Strong, is meant a Lion; and by Mildid in the Solution of Amagingh. Judgith Review of Maryland, Judgith Control of the Control of the Control of the Control of Cod and Religion were Amaginatical and Cod and Religion were according to the Cod and Religion with the Cod and Religion were according to the Cod and Religion with the Cod and Religion were according to the Cod and Religion with the Cod and Religion were according to the Cod and Religion with the Cod and Religion were according to the Cod and Religion with the Cod and Religion were according to the Cod and Religion with the Cod and Obfere. See Parable, Hieorolyphic, Emblem, Symbol, Fable, Sc. ENIXUM Sas, among the Chymitts, a Kind of Neutral

ilt, being neither Acid nor Akulious, but participating

Such is common Salt, Nitre, Allum, Vitriol, &c. See

SMA. Comment of the control of the c

wasted the stoop returns to the fame Point, from which it departed. Whence the Jews, Athenious, and other Nations, who were minded to accommodate the Lungs Months to the Solar Year, made Ufe of the Emmedicateristic allowing to feven of the Years 13 Months a piece, and to the reft 12.

The Standing Department of the Property of the P

and to the reit 12.

The Found Enneaderaries is properly a Cycle
of 19 Lanar Years, beginning from Moded Tobus, and retaming again and again, whereof, every 3⁴, 6⁴³, 5⁴³, 11¹³,
11⁴³, 11⁴³, and 19⁴³, are Embolifinic, or of 385 Days,
11 Hours a-piece, the reft common, or of 314 Days, 8
Hours a-piece. See Years.

Confequently, the Jewijh Enneadecasteris is 6939 Days, See EMBOLISMIC.

The Word is Greek, deren Augument, form'd of seria nine, May ten, and le G Tear.

ENNEAGON, in Geometry, a Figure of Nine Angles, and Nine Sides. See Polygon.

The Word is form'd of twise Nine, and you Angle.
In Fortification, Emeagon is a Place with Nine Bastions, or FORTIFIED Place.

ENNEATICAL Days, are every Ninth Day of a Sickness; which some imagine naturally occasions a great Alteration, either for better or worse. See CRITICAL See CRITICAL ENORMOUS, formething exceffively, or immensely, hig.
Thus we say, the Colossus of Rhodes was of an Euromous

Stature.

The Word is form'd of the Privative e and morms;
Rule q. d. void of, or contrary to Rule, or Measure, contre normann. In the corrupt Ages of Latinity, they used immercia and immeris.

In the Civil Jurisprudence, Lefto Enormis, Enormous Damage, is that whichexceeds half the Value of the Thing

For the English in Uriminal Cantes. See Juny.

ENS, Being, in Metaphyficks, is applied, in its moft
general Senfe, to every Thing that the Mind any Way apprehends, and whereof it affirms, denies, proves, or differences

any Thing.

in Thing.

This, often Philofophers call Gajirshile, and Latelligible 3 and the Logiciam, Thesa, and Latelligible 5 and the Logiciam, Thesa, and Latelligible 5 certain the control of the

Non Ens.

Ess, in its proper, or restrain'd Sense, is that to which there are real Artithotes belonging; or that which has a Reality, not only out of the Intellect, but in it self.

This is what is properly meant by Res, Thing; and what we otherwise call Eustrale, and also Substance. See

ENS rationis, is that which depends on the Mind; or which exits only in the Imagination. which exitts only in the Imagination.
Of this they diffinguish three Kinds: Eas rationis effeli1900s, which is doce, or produced by the Mind; as Knowledge: Ens rationis falsyletions, which is received into
the Mind; as Science: And Ens rationis objections, which
is repredented by the Mind; as a Golden Monaton,
Which last, if it have no other Manner of Being, i.e.
if the perpetented lo as it does not, or cannot be, is what

we most properly call Ens rations.

The Generality of School Philosophers, and the Peripa-

teticks among the reft, affert, that there are of their Entis rationis obiolities. Others deny, there are, or can be any

fuch Thing.

Ens, or ent primom, among the Chymids, is the effica-cious Part of any natural mixt Body, whether Animal, Vegetable, or Foffile; wherein, all the Qualities or Virtues of the Ingredients of the mixt, are comprehended in a little

of the Ingredients of the mixt, are comprehended in a little Compain. See Essinker.

Paracelfus pretends to have been able to feparate the Ens primum from Bodies, and with it to effect predigious Things towards the Renovation, and Reiberation of Youth. is Processes are so obscurely deliver'd, that Nobody Rat Mr. Boyle gives us a Process from M. le Feore, whereby

Mr. Beyle gives us a Process from M. le Feore, whereby the Est primoun, or Effence of Balm, it enaily obtained: It le adds, that the Effects of an Eus of Balm, thus drawn, are no Ways inferior to those of Perroceijis; and initianes in a Percial Primo of his, who, upon taking it only for a Fortnight, the Nails of his Hands and Feet fell off, and were faccorded by a Set of new once as. Which convinced him for night, the Nails of this Hands and keet tell off, and welf-faccorded by a Set of new ones. Which convinced him fo-far of its Efficacy, that he left off taking it himlefi! But giving forms of it to an old Woman of yo Years of Age, who ferved in the Houfe, it produced the Meight again, and that fo copionfly, as weederfaully to flartle the

Woman.

Upon giving a little of it to an old Hen, her Feathers begat to moult on the firsth Day, and the grew litar hasked just ere a Fornight was over, the had other in their Room, fairer, and better colour d than the former.

The Relation is old enough, yet considering the Hands we have it from, and how ealily the Thing is tried, this much as body has yet attempted to professer it. The

Process is thus

Process is thus:

Having gather'd, e. gr. fome Balm, or other fitting
Plant, at the proper Season and Time; beat it into a Pulp
in a Marble Mortar, and putting it into a Bolt-Head
hermetically feel'd, diget it 40 Days in a Dangbill, or
other analogous Heat. This done, take out the Marter

ENO ESSERTICAL Tests, are every Ninth Tear of a Mas's which will now be more liquid than before, and feparating life. See CLIMACTERAL.

ESSERTICAL TESTS, are every Ninth Tear of a Mas's which will now be more liquid transw in a goale life. See CLIMACTERAL CHARGES of the Direct Control of the Control of th

Filtrate it, and add to it the first Sale, down from the former Dregs, drief and calcided. To the Liquer thas prepared, add equal Patra of the Liquer of good Sci-Sales. Latify, deal part by the market, and then let it me per adapta-Latify, deal up the Microson in a size that the capability of the Dregs of the Plant will be found forwarding on the Liquer, in a Beguld, stuffurent Form, forestrone of a green, and formerines a redding Colors, according to a green, and formerines a redding Colors. of a green, and

Ens Veneris, or Flower of Venus, a chymical Prepara-tion from Vitriol. first published by Mr. Bosie. Set VITE IOL

It is held a Specific in the Rickets, and is much com-It is held a Specific in the Richets, and is much com-mended in noveous Cafe, chilinate Cachetics, Lofs of Appetite, and Obstructions of all Kinds. It is had by fubliming equal Parts of the Powder of Cypras Vitriol, (calcined till it is of a dark Colour) and of Sal Ammonias, into the Form of yellow Flower. It has in Name from the Particles of Copper therein,

It has its Name from the Particles of Copper therein, carried away from the Vitriol. ENSCONCED. See ISSCONCED. FINSEMBLE, a French Term, fometimes ufed in our Language. The Word is an Advech, and litterally fignificating either, or one with another; being form'd of in and

finant.

Hence, in Architecture, we fay the Englandle, or, tout Englandle, of a Building, to fignific the whole Work, or Composition, exclided teogether, and not in parts; and fometimes also to fignific the relative Propertion of the Parts to the whole. All these Process of the Marian and the Composition of the Parts to the whole. All these Posecs of Building make a part to the whole. All these Posecs of Building make as ac Enfemble.

In Scalpeare, we fay, To judge well of a Work, a Statue,

In Painting, we frequently afe the Phra'c, towt Enfemble: The tout Enfemble of a Painting, is the Harmony refult-ing from the Diffribation of the Teveral Objects or Figures, whereoff it is composed. This Painting is very good, the second of the several unjects or rigided heteroff it is composed. This Painting is very good, aking it feparately: But the teat Engendle is naught. ENSIGNAIS Certiseps. See Canvilace Defigioration. ENSIGN, in the Military Art, a Banner, or Goloury, ender which the Soldiers are ranged, according to the different parties they are of

BANNER.

bench Longians, or the dimental ratios by as we have been proposed by the Tac Chiefe Eggins, are Hein's This: Those of the Enrygens, are Focos of Talkiy, with diven Figures, Californ, born by the Perfects, was a Sodden Engle on a white Heg. The Corincharts bere the winged Heest, or Pegglis, in chart. The Deliments and Oul. The Morganis and Oul. The Appeals, and Oul. The Appeals, and Oul. The Appeals, the Control of the Con

Ensien, is also used for an Officer in the Infantry, who bears the Ensign, or Colours; by the Latins call'd

who bears the Engign, or Colours, by the Letters cittle Seguiffer, and Fernifor the Engign in Combust; and if to be kill, the Cognitis in to take it in his Stead. The Engign is under the Communit of the Licentenni, and in his Ablence Supplies his Pold.

ENTABLATURE, or ENTABLAMENT, in Archi-techure, by Vitraceius and Vigendia call'd Ornomere, in that Part of an Order of Colaman which is over the Co-

thar Par of an Order of Colama which is over the Capital comprehending the Architectory, Fries, and Consticut.

The Establishment is also called the Architectors. It is the Capital Colama of the Capital Capital Colama of the Capital Capital Colama of the Capital Cap order or left rich. See ORDER.

Vignols makes the Entablature a Quarter of the Height

of the whole Column, in all the Orders. See Column.
In the Tufcan and Doric, the Architrage, Frice, and
Corniche, are all of the fame Height. See Tuscan and Dozze

In the Ionic, Corinthian, and Composite, the whole Entablesure being 15 Parts; 5 of them are allow'd for the Architrave, 4 for the Prize, and 6 for the Corniche, See Jonic, Cominthian, &c.

ENTABLATURE, OF ENTABLAMENT, is also used for the last Row of Stones on the Top of the Wall of a Building, whereon the Timber and the Covering reft.

ENT

The Remody is chiefly by External Applications, as Truffes and Boulflers. The Word is form'd of the Latin Tabulasum, or In-As it is frequently made to project beyond the Naked of the Wall to carry off the Rain, fome Authors call it in Latin Stilliciations, or Drip. Such an Euroblament does not bear far enough out: It lets the Water fall on the Foot of five Ut. II The Word is form'd of the Greek, brner, Intelline; and zers, Tomer.

the Foot of the Wall. ENTAIL, in Law, fignifies Fee Tail, or Fee Entail d, i. e. abridged, curtail d, or limited to certain Conditions. See Free and Tail.

For the Docking of an Entail. See Decking and RECOVERY

RECOTREY.

ENTE, in Heraldry. The Term literally implies Engraffied, and is used by the foreign Heralds to experis a Method of Marthalling, little known among us. Yet we have an Instance of it in the fourth grand Quatter of his Majetify's Royal Ensign 3 whose Biazon is, Transferie and Louenburgh impaled with anticut \$\tilde{L}_{ENST}\$,

Ente in pointe.

ENTELECHIA, a Greek Term, by which Ariftotle defines the Soul; and which not occurring in any other Author, has given the Criticks and Philosophers infinite Perplexity to differer its meaning.

Hermolaus Barbarus, is even faid to have confulted the Devil about it; after which, in his Paraphrase on Themistius, whether from the Devil or himself we know not, he renders it by Perfectibabia, which is not a whit

Cicero. whose Interpretation should be preferable to that of any Modern, defines Enrelechia (Tafeni, q. L. I. C. 1.) to be a cersain, continued, and perpesual Mession: Whence it floudd appear that Ariftosle took the Soul for a Mode of the Body; a constituous Mission being doubtlefs a Mode of Body. See Bony. a Mode of Body.

a Mode et Body. See Bony.

The commen Seriptaterickt hold Entellachis to fignify
All; and under it, improfe the Form of the Compound,
or Animal, to be underdood: Accordingly, they define
it any Act, whether Subflantial or Accidental, confidered
as capable of performing from Operation in the Body.
Others of them define it to be a fubfinatial AC, whereby

Others of them define it to be a funktantial Act, whereby a Thing is, what it is, in Subtlance.

Lafily, others of the Periparticks, and those the latest, agree that the Alf of Eurolethis, whereby Pripartic meant to explain the Nature of the Soul, either Egnifies seme Mode of the Body, as Motion, or nothing at all. And thus the Peripartic Notion comes round to that of

ENTENDEMENT, in Law, the true Meaning, Int or Signification of a Word, Sentence, Law, Ge.

ENTERFERING, in the Menage. See Cuyring.

ENTERFEGING, in the Memage. See COTTING. ENTERFEMENT, or INTERREBINT, the Act of Interring, i. e. of Burying, or laying a deceased Person in the Ground. See Burstan and Furnant. The Kings of Empland are Enterr'd at Wostmington, those of Proceed and Developer of the Management of the Control of Prace at Dennis, &c.

The Excommunicated are not to be Enterr'd in Holy, i. e. in Conferrated Ground. The Antients did not Inter their Dead: They burnt them, as the Indiana do at this Day. See BURNING.

Day, See BURNING.
The Cultom of Burning the Dead, ceas'd among the Romans under the Empire of the Authorises; long before the Christians were allow'd to Interv in Churches, and the Christians were beliefed Kings and Empereur. The fore the Christians were allowed to Interr in Charches, which was even prohibited Kings and Emperous. The Absfirition, in Lieu of Interring their Dead, thus them up in the Bodies of Trees, dug hollow for this Purpole. The Gardeness Interr, or earth up Sellery, Ending, and Lettice, to blanch, or whiten, and make them the

tenderer. To Interr wild Stocks in Ditches, is what Columello calls deponers, feminare Scrobibus. There are some Trees, as Willows, Olive, Sc. which grow very well, by Interrying their Truncheons, i. e. by cutting a Truncheon, or Piece off at both Ends, and planting it in the Ground's Which is what the Lating call, Inthumber talkes, selsion.

ENTEROCELE, in Medicine, a Descent of the Intellines. See DESCENT.

The Enterocele is a Kind of Hernia, or Rupture, wherein the Inteffines, particularly the Ilion, fall into the Groin, or the Scrotum. See HERNIA.

or the Serceim See Hannia.

The next Cowle of the Lateracele, is the Relaxation, or Ratenda.

The transport of the Company of the Personaum, or Ratenda.

The control of the Company of th

ENTERO-EPIPLOCELE, a Kind of Rupture , wherein the Interfitnes, and Epiploon, or Caul, fall regether into the Intellines, and Epiploon, or Caul, fall together into the Scrotum; whence the Appellation Entero-epiplocele. See HERNIA.

The Caufes are the fame as those of the Enterocale. ENTERO-EPIPLOMPHALUS, a Kind of Exempha Int, wherein the Intestines, and Epiploon, or Caul, bunch out at the Navel. See Exomenatus.

The Word is composed of brnen, Intestine, smaken, Coul. and Superst. Umbilious, Novei

ENTERO-HYDROMPHALUS, in Medicine, a Kind of Exemphalus, wherein, beside a displacing and bunching out of the Intestine, there is a deal of watery Humours collected along with it.

The Word is form'd of the Greek, irrage, Intestine, Namel. ENTEROLOGY, from larners, intestinum, a Gut; and

Ary G., Sermo, a Difcourfe; is properly a Treatife of the Bowels; the the Word is generally underflood to include the Contents of the three Cavities, Head, Breaft, and

ENTEROMPHALUS, in Medicine, a Kind of Exom-phasius, confifting in the Intellines being put out of their Place, and occasioning a Tumor. See Exomenatus.

The Word is form'd of the Greek tomes, Intelline, and imparis, Umbilicus.

ENTERPLEDE, in Law, to difcuss, or try a Point incidently filling out, before the principal Cause can be determined.

determined.

£ gr. Two Perfons being found Heirs to Land, hy two
feweral Offices in one County; the King is brought in
Doobt, to which of 'em Livery ought to be made. Before
Livery, therefore, they mult Euterfelede, that is, formally
try between themselves which is the right Heir.

ENTHUSIASM, a prophetic, or poetic Rage, or Fury, which transports the Mind, enflames and raifes the Imagi-nation, and makes it think and express Things extraordi-

nation, nof makes it think and expects Things extraordinary and faraptising. M. de Pilet defines Europhifafts to be a Transforce of the Minds, whereby it is led to think and imagine Things in The fallime, be thinks a seculity layerdation to Europhifaft. Being the proper Eiffer and Production of Europhifafts. Europhifaft, be adde, constant the following as the Transft, the Branches & See New Late.

The Word is derived from the Greek 1000, or, 1000, a Man animated in an extraordinary Manner with the Spirit of God, in whom God is, whom God animates, so & Goes. Whence, the Verb estudiaZu, or estudias, and the Noun sbemarede, Enthufiafm; and esbemares, Enthufiaft, a Per-

sebrating security of the second seco

a Degree of Affent, fays Mr. Look, with fome Men, has the same Authority, as either Faith or Reason; and that is Enthologism; which laying by Reason, would set up Revelation without it; whereby, in Effect, it takes away both Reason and Revelation, and substitutes in the Room of it, the ungrounded Fancies of a Man's own Brain, and affumes them for a Foundation both of Opinion and Conduct.

both of Upinion and Consuct.

Immediate Revelation being a much cafer Way for Men
to clishlift their Opinions, and regulate their Gondard by,
than the totican Labour of firld Rectioning, it is no
Wooder, that form have been very apt to pretend to it,
effectivily in furth of their Actions and Opinions, as they
cannot account for by the ordinary Methods of Knowledge, and Principles of Reafon

and Principles or Relation.

Hence we fee, that in all Ages, Men, in whom Melancholy has mixed with Devotion, or whole Conceit of
themfelves, has raifed them into an Opinion of a greater
Familiarity with God, than is allowed others; have often
flattered themfelves with the Perfewation of an immediate and
latered themfelves with the Perfewation of an immediate laterecoarse with the Delty, and frequent Communications

Jacrocarle with the Deity, and frequent communications from the Divine Spirit.

Their Minds being thus prepared, whatever groundlefs Opinion comes to fettle it felf ifrongly upon their Fancies, is an Illumination from the Spirit of God; and whatever odd Action they find in themselves an inclination to the communication of the Communication of

do that Impulse is concluded to be a Call or Dissilian do, that Impute is concluded to be a Cain, or Direction from Heaven, and must be obeyed. See Inspiration. This we take to be properly Euthofastin, which, the rising from the Conceit of a warm, or over-weaning Brain

rifing from the Cancele of a warm, or ours-searing Benin, works, where it once gets Footing, more powerfully on the Perfusions and Addiens of Men, than either Reafine, or Revitation, or both together; Men being most forwardly obedient to the Impedito they receive from themsilvens. Revealed, of Humiltonian without Search, and Certainty without Proof, Reafin is bed upon em; They are above the Telephanes of the Perfusion of Humiltonian without proof, Reafin is bed upon em; They are above the Telephanes of the Perfusion of Humiltonian without proof and the Perfusion of the Perfusio

without Proof, Renton is bed uwon fem; They are above it. They for the light institled into sheet Underlinstance, it. They for the heart Underlinstance, it is the proof of the same than the same tha good; but then it will be demanded, how they know it to be a Revelation from God? If they fay, by the Light it brings with it; they should consider, whether this be faying any more, than that it is a Revelation, because they faving any more, than that it is a Revealation, because they believe it to be true; for all the Light rhey right of, is but a fireing Perfevation of their own Minds, that it is a but a fireing Perfevation of their own Minds, that it is a client in our Tenest or Africa.

is nothing elic but the Evidence of the frust of any Profition: And, if it he or telleviolen, all the Light is can bare, is from the Clearactio of those Proofs upon which is recorded. See Eventure.

which it is received. See Evidence. God, when he makes the Propher, doch not emmake the Minn; III leaves his Foodhois in their outstell State, the Minn; III leaves his Foodhois in their outstell State he of divine Original, or no. If the would have as safers to the Treath of any Proposition, he either oridences that to the Treath of any Proposition, he either oridences that to the Minn of the Minn o

falken in.

The Holy Men of God, who had Reveletons from
God, had beneather the feeder internal Light of Alies
God, had beneather the feeder internal Light of Alies
God, had been a feeder of the feeder of the
God. They had convered Signs to consince then
of the Author of those Commission. And when they
to prove the feeder of the Commission of the Author
of the Author of their Commission from Harrary
and by visible Signs to affect the direct Authority of the
Medige they were few with. Juffer in the Balls boars
(Medige they were few with. Juffer in the Balls boars
of the Alies of the Alies of the State Commission of the
God, by snobbe Mincel, of his Red turbel into a Sepon, affined him Reveil of a Power weilthe him Million. flaken in. pent, attured init income of a rower to territor in samples, by the fame Miracle repeated before them to whom he was first. See Miraces.

as tent. See MIRACLE.

ENTHUSIAST, literally fignifies a Person addicted to
include for. But the Word is usually understood in an Enthusiasm.

ill Senfe. Ill Sente.

It was applied by the Antients, to a Sect of Hereticks, call'd alfo Maffalians and Euchites; who, as Theodores expertes it, were denominated Euthoffaffs, by reason that being posterior by the Devil, they believed themicires divinely

positified by the Herm, was account of the like Import with infinited. See Mananians, infinited in Mananians, infinited in Mananians, infinited in Mananians, infinite infinit

from Heaven. See Qu'Arria, Manaritar, Ec.
ENTHIMEME, in Logic, in Argument confifting
only of two Propositions, in Astrocolon, and a Confequent
oclosed from it. See Arcument, and a Confequent
Artificial cells it, the Returned, or probable Argument;
and the Schools, also, the imperfeld Syllegist, in Contradiffiction to the perfect, which conflist of three Propositions, and is cell of the datafetted Argument. See System-

It must be observed, however, that the Enthymenue is really a pericit Syllogism in the Mind, and only impericit in the Expertion, by reallon one of the Permitties in-peried, as being too clear and obvious, and entity imposed by the Understanding of those with whom we discourse.

Thus, In cours right lined Triangle, the three Angles Thus, in every right since Arisingle, the three Angles are equal to two right ones; and conformently, 'tis fo in on Molceles: Is an Embymems; the Proposition that an a flateries: 15 an Europeanus; the Proposition that are

Histories is a right limed Triangle, being omitted, as being furficiently known and granted.

The Enthymense is the most simple and elegant of all Argamentations, being what a Man, in argaing closely, commonly makes, without attending at all to the Form thereof. Thus, that Verfe remaining of Oxio's Tragedy. commody makes, witness consisting of Oxide Trigody, thereof. This, that Verfe remaining of Oxide Trigody, emitted, Meles, contints an Entlymente: Scream point, prefere an pollum regard I was able to face you a confequently, Cou'd have definyed you. All the Beauty would have been loft, had all the Proportions been expected, the Mind being displeared with a Rehearfal capture.

Expected; the Mind being displeased with a generation of what is no ways necessary.

Sometimes, also, the two Propositions of an Enthymente, are both included in a single Proposition; which Aristotle are both included in a fingle Proposition; which Arypotic calls, an Europymematical Scattener; and gives this Instance thereof, Martal 60 not bear as Immortal Hatred. The whole Europymeme would be, Thou art Mortal, let not,

therefore, the Hatred he Immortal

The Word is derived from the Greek, indigues, of the Verb is business, to think, conceive, which is a Compound of ar and house, in the Mind.

ci is and 3-pair, in the Mind. ENTIRE Tenancy, in Law, is contra-diffinguished to fe-ceral Tenancy; and fignifies a fole Positifico in one Many whereas the other denotes a joyen, or common one, in feveral. See Tenany.

feveral. Sec Tenant.

ENTITATIVELY. Entitative, implies an Abdinaction, er Retrenchment, of all the Greamfineer, from a Thing under Confideration. Thus, a Thing is do be taken, or considered, Entitatively, or feemalism Entitation, the confideration of the confi

or consider²d, Entinativoly, or formulam Entintens, when consider²d natedly and precibilty, according to what it is in it felt, without any Thing extrintic. See Abstraction. E. gr. Peter, Entiritory latent, in Peter, as a Thing, a Subdiance, a Body, 5%, without any Regard to bis bing a Lond, a Hashand, Learned, 2% Lond, a Hashand, Learned, 2% Lond, a Payfield Ent, e. ENTITY, in the School Philosophy, a physical Ent, or Bong, considered according to what it is in its physical or Bong, considered according to what it is in its physical or Bong, considered according to what it is in its physical or Bong, considered according to what it is in its physical or Bong, considered according to what it is in its physical or Bong, considered according to what it is in its physical or Bong, considered according to what it is in its physical or Bong, considered according to what it is in its physical or according to the consideration of the considera

or Being continer a seasoning.

Capacity. See Bin Diffinchion, give us feveral Kinds of Some Dealers in Diffinchion, give us feveral Kinds of Bettitett. In its proper Seeft, they apply it to a Maltitude of diffinilier Parts; such is the Entity of a Hooft, of the World, See. In a more limited Seeft, they apply it to a Maltitude of finalize Parts, such is the Entity of Water, and the Seeft of Seeft

Multitude of finisher Perts, fuch is the Entity of Water, Heat, U.E. And, in its general Senfe, to any Reality, as the Entity of God, of Angels, Sie. But this is more Subtlety; perhaps Entity were bell-defined the Actual Effence, or Existence, of any thinking Thing, Soc Essawers.

ENTOYER, or ENTOIRE, in Heraldry, is used to species a Bordure, charged entirely with Things without the. See Bos Durks.

ENTRAILS, the Inteffines, or Guts, of an Animal. See

Poison leaves its chief Marks in the Entrails. See Porso: In Embalming they take out the Entrails. See Ess-BALMING.

Menage derives the Word from the Latin Enteralia, form'd of the Greek, someso, Intelline.

ENTRAILS, is also wed, in a more general Sense, for the Vescers, or all the Parts contain'd in the Bodies of Animals.

The Arofficine of the Antients, was employ'd in con-fidering the Entrails of Victims, as the Heart, Lungs,

Estimation, i. e. in Proportion to what fome other Com-modity, of nearly the fame Quality and Value, uses to pay, Sor Dury, Importation, Exportation

ENTRY, is also a folemn Reception, or Ceremony per-form'd by Kings, Princes, Embassadors, Legates, &c. upon their first Entering a City, or upon their Return from some Triumph and Expedition

Triumph and Expedition.

ENTRY, in Live, Sprisses the taking Postellion of Lands, or Tremment. See Postsusov.

Lands, or Tremment. See Postsusov.

The Wrist of Lands, See Lands, See Lands, See Leenauer.

The Wrist of Larry, Say, Thirty, Stover much of Right of Property. See Larry, Say, Thirty, Stover Callens, and Services, and In their see constitute the two Words, falter and zelow: Such are the Wrist Spris grow, Assense

Research, Remember Lagreering, See.

In the Pica of Entry there are three Degrees: First, where a Man demandeth Lands or Teuements, of his own Seifin, after the Term is expired. The Second is, where one demandeth Lands or Teuements, let by another after the Term the region. ore demandern Lainds or Tenements, let by another after the Term is expired. The Third, where one demandern Lands or Tenements of that Tenant, who had Entry by one, to whom fome Anoetier of the Plainsiff did let for a Term now expired; according to which Degrees, the Writs for Remedy are varied

for Remedy are varied.

Refide which, there is a fourth Form, without Degrees, and in risk of a more remote Scilin, no which the other and in risk of a more remote Scilin, no which the other property is the second of the second sciling of the second science sciling of the second scilin that one Form is brought for another, it is abatable. In these four Degrees are comprehended all Manner of Writs

Entry, which are without Certainty and Number. A Writ of Entry differeth from an Affize, because it lieth for the most Part against him who enter'd lawfully.

lich tor the moit Fart against him who enter'd lawfully, but holderh against Law, whereas an Affine Iteh against him, who unlawfully difficient: Xet, fomerimes, a Wirz of Patry Iteh upon an Entrathôn. See Asstate, ENTRIES, amongst Hinners, are those Places, or ENTRIES, amongst Hinners, are those Places, or Thickers, thou which Deer are found lastely to have puffed; by which Means their Bignels or Size is graeffed at the Honoid, or Bougles, are put to them for all and then Honoid, or Bougles, are put to them for

the View, RUSSION, or INTRUGION, in Law, a violent, or unlawful Entence into Loady, or Texamens, said of a Boffeire, Ly a Perfice who has no Bight and the Company of the C

fame Thing: I no there is a Difference. See ABATE-MENT. See also Disselsin. ENVELOPE, in Fortification, is a Mount of Earth, formetimes raised in the Dirch of a Place, and formetimes

beyond it; being either in Form of a fimple Parapet, or of a small Rampart border'd with a Parapet. Thefe Envelopes are made, where one would only cover the weak Places with fingle Lines; without any Design of advancing towards the Field, which cannot be done but

by Works which require a great deal of Breadth; fuch as Horn-Works, Half-Moons, Sc.

These Envelopes are foractimes called Sillons, Contre-

gards, Conference, Lunetter, &c.
ENVIRONNE, in the Franch Heraldry, is when a
Lion, or other Figure, is Environ's, or encompass'd round with other Thing.

with other Inng.

Environme with fo many Benduts, &c. in Orle.

ENUMERATION, Numbering, a particular Account, or Detail of feveral Things. See Numeration.

or Detail of feveral Things. So: Newstration.
Gold clinic withortham, in Sciengura, to Emissioners the
Gold clinic withortham, in Sciengura, to Emissioners
Gefore but commanded an Emissioners to be made of
all the World, or enther of all the People made in the
pipe. The feveral able Authors are of Opinion than the
next to the second of the Control of the People
of Judan. So: Perisonian de Copia Judaine: And
Storger & Vill Millieribur.

Brigger de Fill Millerribes.

At Reuse, it was an deal Thing to have an Emmerarice of all the Femilies: The first was under Service

Fellium, when the Was sensement to Services

Fellium, when the Was sensement to Services

Thousand, That of Coffer did not extend to Thousand,

There was no sensemble of the Services of Services

Remere Others. Under Angelsis, in the Year 245, the

Remere Others. Under Angelsis, in the Year 245, the

Critican being number'd signi, were found & Millowa, a

Hunder's 3 Thousand. In the Year 76, Keing the list

Hunder's 3 Thousand. In the Year 76, Keing the list

Fried, made another Jesuser 245, Thousand 245, The Angelsis, who when the year found of Millers 247. Thousand 245, The Angelsis was the Services of the byrist, make another Temmeration of the Citizen of Rans, when they was found 4 Millions 317 Thousaids Perfect when they was found 4 Millions 317 Thousaids Perfect when, as Testime elses is, the Ransa Citizen thoughout the abole Emplier, summards to 4 Millions 647 Thousaids A very carriers, rest, yet indiffuentle Medial of Citizen throughout the Ransa Citizen through through the Ransa Citizen through the Ransa Citizen through through the Ransa Citizen through the Ransa Citizen through the Ransa Citizen through the Ransa Citizen through t

ENUMERATION, in Rhetoric, a Part of the Peroration, wherein the Orator, collecting the faster'd Heads of what has been delivered throughout the whok, makes a brief, and artial Rehearfal, or Recapitulation thereof. See Pr ROBATION

REMATION.

FERVILLAR PRINTS OF the Parts, in Rhetoric, is what we more which call 'Duffritudins. See Distribution,' in the see more which call 'Duffritudins. See Distribution,' in the second of the parts of the pa

that tome particular than Republic, See Missistrat.
Those fint from the Courts of England, France, See.
To Gessoa, the Princes of Germany, and other petty
Princes and States, don't go in Quality of Embaffadors,

Princes and Street, come to all the second of the best of Europe, Add, that those far from one great Prince, or State, to another; as from the King of England to the Emperor, Gr. When the Affair they go upon is not very feelems and important, have frequently no other Characker but that of Europe. See Enthalandor. Envoys are either Ordinary, or Extraordinary. See

EXTRAORDINARY, &c.

Both Kinds enjoy the Protection of the Law of Na-tions, and all the Privileges of Embelladors; only differ-ing from them in this, that the fame Ceremonies are not

performed to them.

The Quality of Europy Extraordinary, Wicquefor obferves, is very modern; more modern thus that of Refidents.

The Migithen invelted therewith, at first, took on them
most of the Airs of Embesshoors; but they have since

seen thought otherwise.

In the Kear 1639, the Court of France made a Declaration, that the Ceremonics of conducting Europy Extraordinary to their Audience in the Kings and Queen's Coaches, with divers others, should no longer be practified to Entroys. S. Justiniani, the first Europy Extraordinary from Venice,

S. Jufiniani, the first Borose Extraordinary from Venice, after that Regulation offired to cover, in fleaking to the King s₁ but it was refused him. And the King of France himself declared, that he did not expect his Loroy Extraordinary at the Court of Viesna, though the regarded any otherwise has a un ordinary Refusent. Since which Time, choic two Kinds of Ministers have been treated altho.

ENURNY, is the Herald's Term, for a Bordure of a ENURNI, is the Heraid's Term, for a Bordure or a Cost of Arms being charged with any Kind of Beafts. ENVY. See Pleasure and Paiss. EOLIC, or, more properly, ÆOLIC, in Grammar, is a Dialect of the Greek Language. See ÆOLIC and

DILLECT. in Music, one of the Modes of the antient Four, in Music, See Moon. The Hole Mode was found fitted for Lyric Verles; The Hole Mode was found fitted for Lyric Verles; s having a peculiar Sweetness and Gravity. It was the

The Sub-Molic, or Hylo-Molic, had the fame Effects with the Molic. It was the re of de Sol re; and began a Disseffaron lower than its natural authentic Mode.

with the zhout. It was the 7c or as one 7s and regan a Distaffizon lower than its natural authorite Mode. EOLIPILE, in Hydrallicks, See Zholipile. EON, or ZhON, a Greek Term, fignifying Seedlann, Age, attributed by Valentum, a Harrifacth of the Hd Century, to his God, and all the Productions thereof.

See Econ.

Valentine, refining on those who had preceded him in this Way, produced a long Genealogy of a Namber of Anni, or Anni: The first, and most perfect, be particularly decominates Hapin, Proces, that is, pre-existing the other Names, the most assume that was that of

Bythos, E. 33, Depth. This Bythes continued long alone with Errora, Ennes, Thought; whom Velentium also call'd xdess, Grace, and Thought's whom seems and that Assert of Service Explosions. At length, Episton with Sog. produced None, Novis, Underfloading, and Addrson, Trait, her Sifier. Nova begot two Ennis Loga, NyOg, Word, her Sifier. Nova Life: Which two begot two others, Authropos,

And thefe eight Zons were the Chief of all the resh. Zosz were the Chief of all the relt.

The Word, MyS, and Life, Zob, begot ten other
Rous: Mrs and tin Church begot twelve more; among
whom were the Paraclete, Faith, Hope, Charity, the
Parfeld, Taistray, and Wijdon, Zosie. And thus were
the 50 Zosz made up, which all together made the Ple-

the to Alone mine up, where and invitible Plenitude.

Fant the Valentinians hold to have been Their 30 East, the Valentinians hold to have been figured by the thirty Years of our Saviour's private Life. See Valentinians of our Saviour's private Life. See Valentinians. EPACTS, in Chronology, the Excelles of the Solar Month above the Lunar Specifical Months, and of the Solar Year above the Lunar Year, or 28 spondical Months; Or of twend Solar Months, above as many Sproades Months; and therm Solar Years above as many Dozago of Sprodical

Months

Whence, the Epsth are either Annual or Menfirmal.

Menfirmal Evacus, are the Excelles of the Civil, or
Calendar Month, above the Lunar Month. See Monra. Calcadar Month, above the Lunar Month. See Monvro.
Suppoit, e.g., ri were New Moon on the first Day of
Santary: Since the Lunar Month is 29 Days 12h 44; 3",
and the Month of Santary contains 31 Days: The Meafrenat Phate is 1 Day 12h 37; strength Exactly, are the Excelles of the Solar Nove
Days the Lunar, See Yana.

an Embolifmic, or Interculary Month. See Eugosissure.
Thoughe Egalf of a Yeas are 12 Days, and to often refit
And thus, every 19 th Year, the Egalf becomes 30 or 0;
confequently the 20th Year the Egalf becomes 30 or 0;
confequently the 20th Year the Egalf is 11 again 2. And
for the Cycle of Egalfs, expires with the Golden Number,
or Lugar Cycle of 19 Years, and begins again with the
fame, as in the following Table.

Gosd. Numb.	Epalts.	Gold. Numb.	Epaëts.	Gold. Numb.	Epalts.
1 2 3 4 5 6	XI XXII III XIV XXV VI	9 10 11 12	XVII XXVIII IX XX 1 XII	13 14 15 16 17 18	XXIII IV XV XXVI VIII XIX XXX

Again, as the New Moons are the fame, that is, fall on the fame Day every 19 Years, fo the Difference be-tween the Latnar and Solar Year, is the fame every 19 Years. And because the faid Difference is always to be Years. And because the faid Difference is always to be added to the Lunar Year, in Order to adjust, or make it equal to the Solar Year; bence the faid Difference respectively belonging to each Year of the Moor's Cycle, is called the Epact of the faid Year, that is, the Number to be added to the faid Year to make it equal to the Solar Vear 1 The Word being form'd from the Greek, smage,

instende, instreede.
Upon this mensuel Refrech, between the Cycle of the Upon this mensuel Refrech between the Cycle of the the Cycle of the Cycle o

Epath: Sec Cvell.

By Help of the Epath may be found what Day of any
Month in any Year the New Moon falls on, thus: To
the Number of the Month, from March includively, add
the Epath of the Year given 3 if the Sam be lefs than
50, fulffired it cut of 50, if greater, fulfired it out of
603 and the Remaindord will be the Day, whereon the
New Moon will fill.

New Moon will fill.

If the New Moon be fought for in the Mouth of January or Morely, then nothing is to be added to the marry or Morely, then nothing is to be added to the January or Moon was on A. 2. 1714, the Epical wherein the New Moon was on A. 2. 1714, the Epical wherein the New Moon was on A. 2. 1714, the Epical wherein the New Moon that the Moon was on Moon was on Moon with the New Moon that the Moon was the M

it is city to infer from theme what the Age of the Moon is on any Day gives the list precaling Rule commonly made with of to this Purples, which is this: Add the fight of the Nomber of the Mooth, term Alerca branch with the Nomber of the Mooth, term Alerca branch which fight the Nomber of the Mooth, the work of the Mooth of the Nomber of the Mooth of the Nomber of the Divided Rules the Age of the Moot, or low many Days it is from the list New Moon: This Method will rective raw whole Day.

DEFINE For Instance: What was the Age of the Moon on December 18th A. 20, 2117 by this Rule, I find, and the Age of the Moon on the Age of the Moon on the Age of the

Moon's Anticipation Jehening use control of the New Moons creey \$11 Years.

To have the Epsil's, therefore, point out the New Moons perpecually 3 that Epsil's given in the Calendar is nor ful-ficient; but all the 30 Epsil's should be bestowed throughmesent; but all the 30 Epaths should be bellowed throughout the whole Year, that the Calendar may exhibit all the Cycles of Epaths. See Calendar.

the Cycles of Epselli. See CALENDAR.
And, again, that as in 900 Gregorien Years, there is
one Biffextile Year dropped; the New Moons are thus
thrown on the following Day. Confequently, by the Moons
port-position there is one added to every Epsell. See

EPANORTHOSIS, in Rhetoric, a Figure, whereby the Orator revokes and corrects formething before alledged, as too weak; and adds formething itronger, and more con-formable to the Paffion he is agitated by. See Cor-

Such. e. or. is that of Cicero for Calina: O Stultitio ! Such, e. gr., is that of Givere for Calina: O Stulistics of Stulistics on dicase, an Impadentian Singulareau. Oh Fedly! Fedly thall I call it, or eather incolveable impadence? And in the first Catalinarian: Quanquam and longure! The set ulles res françait! The set unquam te corriges? I'm set ulles response modisere! The set ulles researches the settlemen orgiver! Unions the fillow Menter Dil Insertimen orgiver! Unions the fillow Menter Dil Insertimen orgiver! marrales demorant Thus also Terence, in the Heautontimoruments, in-troduces his old Man Mendemus, faving,

Filinm Unicom Adolescentulus Hobeo, Ab 1 anid divi habere me? Imo habni, Chreme, Nunc babeam nec ne, incertum eft.

The Word is Greek smalebook, form'd of leble, Right, Straight, whence is the, I straighten, anythin, smrighten, I redress, straighten, correct, and invigence, Correction. The Latins call it Correllio, and Emendatio.

EPAULE, or ESPAULE, in Fortification, the Shoulder of the Ballion; or the Angle made by the Face and Flank; whence that Angle is often called the Angle of the Evaule. See Bastion and Shoulder.

The Word is pure French, and literally fignifics Shoulder.

The Word is pase Present, and intermy injuries associated: EPAULEMENTY, in Fortification, a Side-Work builtily thrown up, to cover the Canon, or the Men. It is made either of Earth thrown up, of Bags of Earth, Gabioen, or of Fathers and Earth, of which let-ter make, the Epaulements of the Places of Arms, for-ter make, the Epaulements of the Places of Arms, forthe Cavalry, behind the Trenches are

EFAULEMENT, is also used for a Demi-Bastion, confising of a Face and Flank, placed at the Point of a Horn- or Crown-Work. Also, for a little Flank, added to the Sides of Horn-Work to defend them when too lone. Also for of Horn-Work, to derend them when too song. Also the the Redoubles made on a right Line, to fortifie it. And, laftly, for a Square Orillon, which is a Maik of Earth almost figure, faced and lined with a Wall, and defigned to cover the Cason of a Cafement.

EPENTHESIS, in Grammer, the Addition, or Infer-tion of a Letter, whether a Vowel, or Conformit, in the Middle of a Word; as Religio for Religio. See Floure. The Word is Greek, sawhers, form'd of sa, b, and

EPHA, a dry Meafure in Ufe among the Hebrews. See MEASURE.

The Eiths was the most ordinary Measure they used a The Eight was the most ordinary Mosture new uses and that whereby the reft were regulated. This commonly supposed that the Eight, reduced to Roman Modistic, contained four Modis and a half. Now the Roman Modistic of Crains, or Flower, contained as Libre, or Pounds; configurating the Eight weighted so Pounds. Day Libre Eight weighted so Pounds. reduces the Ephs to 3 Pecks, 3 Pints, Eogl.

reduces the Ephs to a Picka, a Pinat, Engl.

The Halpfaming of Gladen is preside for major have formed as the property of the alfo Diaria. See PEVER.

The Word, and the following one, Ephemerides, form'd of the Preposition 80, de, fuper, apad, ob, in preser, in English, of, on, at, for, in, by, near; an sules, Dies, Day.

REFERENCE JUSTS 1923.

EPHEMERA, on EPHEMERON, in Natural Hiflory, an Animal that only lives five Hours: Within the Term whereoff it is born, grows, and extends its Members, appears young, breeds Eggs, cath Seed, grows old, and dies. Ariffotle, who gives the first Account thereof, in his Arritotte, who gives the ner Account Effect, in Book de Animate, gave it the Name cossuers, because its Life was bounded within the Day. Aldrousadar, Joulian and Cluffor, farnish us Accounts of the Ephemerus; and above all, Swammerdam, in an express Work de Ephem.

Fig. 1.

The control of the Wilson of the Wilson of the Wilson of the Control of

nor is it furnish'd with the Parts meceffary for the Re-ception and Concoction of Food. Its Change feems inded merely for the Sake of Generating and Multiplying

tended metry) or the Gane or Generating and autocapting its Kind.

Its Life is fumm'd up in a few Words. In the Bogin-ning, it fireds his clay Coat; which done, and the poor little Animal thereby render'd light and agile, it fpends the reft of its fhort Life in frifking over the Waters. During the Female drops her Egg on the Waters, and th which, the Femile drops her Egg on the Waters, and the Male his Sperm on them, to impregnate them. Thefe Eggs, thus impregnated, defored to the Bottom of the Water by their own Gravity, and are hatch'd by the Warmth of the Sun into little Worms, which make them-felves Cafes in the Clay, and feed on the fame without any Need of parastal Care a Tull the Time of their Change, or Metempsycholis come

Of Metempsycholic confe.

EPILEMENA, is also applied among Botanifis, to a
Kind of Flowers, which oper, and expand themselves at
Sun-Rifing, and wither and finde away again at his Setting. Such are the Deat de lion, valgarly Dandelion,
and divers others.

The Travellers into Arabia tell us of feveral Eshemeron

Trees, which grow every Day, from Monn to Noon, and then dilappear; the 'tis not known, whether they wither away entirely, or fink back into the Sands among which they grow

they grow.

FPHEMERIDES, or EPHEMERIS, in Afronomy,
Tablic stolated by Afronomen, flowing the prefixe
Stota of the Elevane the every Dip, or. Noon, the
Stota of the Elevane the every Dip, or. Noon, the
Time. See Peanary, Peace, and Tarez.

Time. See Peanary, Peace, and Tarez.

Time for the Tolke, that the Epidey, Conjunctions,
and Adjects of the Planch, are decremined, Hendisops,

"The Ephemerical of Origine, Neglet, Aguid, Indexen,
Monatricals, Wing, do Is Illin, Virtler, See.

See State of the Company of the Company of the
Dip Califord has made Typhemerical of the Sidera
Sidera decremining the Longitude. See Sayskelty.

ECLIPSE.

The Ephete were inflicted by King Demophers

The Ephete wer Indianal by King Domphon, to the Cognizance of Murders committed by Accident. Their Number was no, whereof you was distance, as the Cognizance of Murders of the Cognizance of the English and the Policy Advanced by the Cognizance of the Season of Ago. Drives cannoted their Authority. Uto Emmirs, de Ryb, Atlona, 1909, be transfered Far of the Justifician Cognizance of the Season of Ago. Erich Landing, and the Cognizance of the

having the Somuch loaded with Food of difficial Di-gidlina. See Buches copperficies, at it were, with a hage geiden. See Buches copperficies, at it were, with a hage Weight on the Breath, and imagine Some Speche, or Domon, forophic their Breath, we say an extra property from groft Vapous filling the Venerickin of the Boards, from groft Vapous filling the Venerickin of the Boards, which hinders the Mexico of the Disphrages, and of On-ther the Community of the Community of the Community of the Grineries. See Haver-Part Tools.

resumence, the Dilatation of the Breat necessary for Infinition. See REFIRATION.

Emmiller observes, that they are but rarely affected with this Diforder who use a leadable Dice, and fup sparingly; lying on the Side, with the Head pretty high, generally prevents it.

The Arabs call it, the Notiurnal Epileply, because, when habitual, it ufually dependances into the Epileply, being the ufual Foorenmer thereof, especially in young People. In old, it frequently terminates in an Apoplexy. People. In old, it See Efflerst, Sa. Menjoitius accounts for its being most usual in Boys,

Monjuirius accounts her its being most usual in Boss, from their being too vocacious, and eating more than they can digeth. Autrilianus affures us, it has killed forestly adding from Situacious, that there was a consa-gious, or epidemic Intulus at Rans, which over-un Nembra like a Plague. A Part of the Sphonside, EPHIPPIUM, in Anstony, a Part of the Sphonside, celld also Sella Papans, and Sella Tarrica. See Sexua.

EPHOD, a Sacerdotal Garment, in Ufe among the

extending a sucreous Garment, in the among the section force.

The Ephod is supplied to have been a Kind of Linnen Alb, or Sampliee, by the Lettins called Super-humarele:
But 'it's very hard to say precify what it was And there is Room enough for the Interpreters to be divided.

about It. The code begins they are agond upon is, that it was an upper Current were over all the red inmediately control to the code of th

The Word JEN Ephed, is derived from JEN Alhad, a Hebrew Word, fignifying to closth.

Gement on identa Occidione. Assistat from "Tax Albeles" Work I supplying the clients. EFHORM, Maghiran echabilitad in ancient Sparts, to balance, and check the Power and Authority of the supplying the clients. EFHORM, Maghiran echabilitad in ancient Sparts, to be a supplying the clients of the control of the Confuls. See The sewer. A foreign, being feed from the supplying the control of the Confuls. See The sewer in the confuls of the confunction of the confuls. See The sewer in the confusion of the confusion o

EPHETA, in Antiquity, a Magistrate among the

establish'd by Lycargest.
The Word is form'd of the Greek speger, intueri, form'd of the Preposition and the Verb der, to fee; whence knees, Infector.

EPIBATERIAN, a Composition of Poetry, in Use nong the ancient Greeks. When any Person of Condition and Quality, return'd

When any Person et Condition and Quality, returned Home after a long Afface, or journey, into another County; be call'd together his Printis, and Pellow-Citizens, and made 'en a Speech, or reheard them a Copy of Verfee, wherein he remaind follown Thanks to the Immortal County Thanks to the Immortal County of the Pellow-Citizens, and coded with an Addreft, by the County of C

Epibsterium, of Shilaino, I return. At going away, they

EPIC Poem, call'd Apolaterium. See Aronarenium.

EPIC Poem, call'd also EPOPEA; an heroick Poem; or a Poem relating fome great and figual Transaction of a Hero, Soc HERO, &C.

Such is the liked and Odysice of Homor, the Eneid of Vergit, the Gierufalenma of Taffe, and the Paradife loft of Miltons, which are the principal Poems of the Effic Kind. See ILIAD, ENEID, Se.

The Epic Poem, is more accurately and fcientifically defined, by that excellent Critic, Fath. Boffs in an experts Treatife on that Subject, to be a Difcourse invented with

Art, to form the Manners by Infractions, diffquifed under Perfon, named as the Poet thinks fit, won'd, probably, or

The Elophes is diffinguished from the Comedy, in that the Addion of the later is not important, nor is a related by the Poer, but added by the Persons introduced for that Parpole; which Circumilance, likewife, diffinguishes it from a Tragedy. See Commy and Tracerm.

from a Tragody. See Comeny and Traceny.

Nor is it a philosophical Perm, as that of Linereties, on the Creation of Sir R. Blackmore, nor a Treatife of Agriculture, or the like, as the Georgicks of Virgit; there poems nor being intended to form the Manners: befole, Porms nor being increased to form the Mainers: seems, that the Infirections they contain are naked, fample, and direct, withour any Difguife, or Allegery. Which fectual Circumstance likewife diffinguishes it from a Treatife of Groundsace likewise diffinguishes it from a Treatife of Morality, were in Verfe; Or a fimple Hillery in Verfe, as the Phorplains of Lucow; the Punic Was of Soling; or or the Civil Wars of Som. Donnel; add, that in being co-fined to one important Allien, diffinguishes it from a Pecem which relates all the Addinos of a Perform; Life; as the Tholoid and Achilloid of Statius, which are what

as the Thefital and Architect of Statins, which are what we properly call Hervie Penars. See Harsote. Mon. de la Motte, indeed, in his Controverly with and Moster, on the Subject of Homer, maintains, rhat the whole Life of a Hero, may juilly be made the Sub-ject of an Epic Penars, and even, that the Latrin of Mon. Buileaus, might pass for an Epic Penar: But he form'd, arterwards, to return to the common Sentiment. In office, arrerwards, to return to the common Sentiment. In effect, the Queffien is not as to the Senfe, which may be affected to the Words Epic Poem, but the Senfe which Caftom has actually affected to 'em.

If we had only Regard to the Etymology of the Word If we had only Requed to the Etymology of the Word Epits (cf Fms, Verl's; Peters; from Jms, Jico., I fleets, rollets) all Poems wherein the Poet fiecks, or rehearfish Things himself, without making the Perfosa of his Poem freak, except at Scond hand, as he relates what they flood on the or that Occasion, wou'd be Zigie Poems; and for there's not an Epigeam, Sounet, or Madrigal, but wou'd come under this Decomination. But this were

In Effect, the Term Poic Poem, is only attributed to a In Efficil, the Term Bijle Poem, is only attributed to a Competition, whose Subject is great, infranctive, and ferrious; that only comprehends one fingle principal Event, to which all the rest refers, which principal Action is to be arminated in a certain Space of Time, ordinarily about a Year. This true all this is arbitrary but the Senfe of all Words is 6 tocs: And in Marters of Land

Sente of all Words is fo too: And in Marters of Lan-guage we must always be guided by Cultom.

If M. de 1s Marte had only pretended, that one might make a fine, influrelive Porm, on the whole Life of a Hero; or an agreeable, and diverting Porm, on fomen-ary and the property of the property of the con-traction of the property of the property of the con-tonion of the property o inco, ee an agreende, med diverting Peen, no fines bamente Andreume and the Cidim has not shought ago to apply the Term Effec, either to Subjetts of soo mach Ermis, and that via 'lined' with no nover handoms not termi, and that via 'lined' with no nover handoms no Exercisempanacies at Hames, the double Registe of Theoretical Company of the Company of the Company Hilbert, Merchiny, Public, and Peerry. To Hilbert, as beint of 'm relate one or none Afficiant plant then the Hilbert, not Kind of Hilbert, See Hurvest."

To Mercilly, Holde, and Peerry. To Hilbert, as better the Company of the Company of the Company of the Hilbert, not Kind of Hilbert, See Hurvest.

To Mercilly Hilderty, as better them confidence and Allegories delinquish is benefitied. See Meanature.

Best i relates entirely to Peerry and Fable, as being

Allegories driftinguifth it berefrom. See Morallyte.
But it relates entirely to Peetry and Fable, as being
titifely a Poem, and a Fable. See Pourar and Fable.
The Nature of the Epile Poem, is finely detume by the
great Critica abovementioned: The Epile Poem, fars Fath
Bedfin, have done that with Regard to Morality, which
the gardent Heattern Divisors did with Regard to the the ancient Heathen Divines did with Regard to the Divinity. The too great Diverlity of divine Actions and Perfections, to very differoportionate to our Competention, obliged the latter to divide a fingle Idea of a fimple Effence,

obliged the latter to divide a fingle lote, of a simple Effence, God, into feveral Perfons 10 whom they attributed feveral Names, Jupiters, Junes, Neptune, &c. Sec Gon. And, on the contrary, the Nature of most Philosophy, which never preferibes Rules for particular Things, lead the Poers to collect into one fingle folios, one and the fame Perfon, and one apparently fingular Afton, whatever of that Kind was found in different and different services, and different services and different services and different services.

Actions. Arifotle, Ou statistics is Hassand around the Rect. Poetry, fays he, teaches moral Philosophy, nor by relaxing only, in manner of an Hiltorian, what Methiades, for inflance, did or faffer'd; but by proposing what some

en pe feur the Marcon by Induction, diffused ander Petron terms a few on the life Oxicion. And this it is allower of an incomercial Action, elicited in Next, in consolidity have does on the life Oxicion. And this it possible, certerlaining, and furprising Massec. Set is that he fless either the othery Corloquene spittly possible, certerlaining, and furprising Massec. Set is that he fless either the othery Corloquene spittly possible, certerlaining, and furprising Massec. Set is that he fless either the other, et all Actions, or the Re-Corloquene spittle of the Corloquene spittle of t

ward of good Addison, and the Stratistics of editing from a Peligia hell in Virgina, percenting to Pir Produce. So, or help a least the Program of the Produce and Addison, however asmed, are all found, allowated the Percent and Addison, however asmed, are all found, allowed the Percent and the least tables on the late of the Control of the Percent and the least tables on the late of the Control of the Percent and the late of the Control of the Percent and Pe which End ferves the poetical and figurative Language, with the Maietty of Heroic Verle. Add, that as to much of the divine and miraculous might ruin the Pro-hability, they were hereby obland to have Recour's to feveral Rules to maintain the fame, See MACHINE.

biblity, they were keedey object in later Eccourse of fewer Rake in multirate the fines. So Macrisov. General Rake in multirate the fines. So Macrisov. General Rake in Maria and the first of their Peens and infrableon. The Manner of delivering the Peens and infrableon. The Manner of delivering the Rakes. See Userve, Erramow, See the General other. The 1996 Peen is toroided more for the Manner, and are more, and their Velotore is lear of their Decision, but the Historical seemer colors, and imperful, or quirted to the included in the Spece of a Day, as that of the Thermitial. A lenger Time was recordly thus in require of the 1996 Peens of the Peens of the 1996 Peens of the 1996 Peens of the 1996 Peens of the Peens of the 1996 Peens of the 19

requires a more never and animated Representation, train a more Recital. Accordingly, it is wholly thrown into Action, and the Poet never speaks at all, as he does in the Epopes, where there are no Actors. See further of the Nature of the Epic Poem under

FARTE ARLE.
For its Matter, fee Action. For its Form, fee Nar-ation. See also Manners, Character, Ma-

RATION. See al CHINES, &c. EPICARPIUM. EFICARPIUM, in Medicine, a Kind of Remedy, durally in Form of a Cataylafin, or Platifier, conditing of these, penerating logoridinas, as Garlic, or Onion, Spiden-Web, Helbeor, Camphor, Tractic, Sc. applied round the Wrill, at the Beginning of the Accels of a Fects, to prevent the fame.

The Word is form'd of the Greek & fater, on, and c. Cartas, Writ.

EPICEDION, in the Greek and Latin Poetry, a Poem,

EFICEDION, in the Greek and Letius Pectry, a Form, or portical Composition, on the Dords of a First Name. As the Obfiquists of any Man, their were three Kinds of Diffourfies usually made: That reheard at his Englan, or Fareral Fife, was call'd Notice; that engages on his Tomb, England, was call'd Notice; that engages on his Tomb, Englands, or Kunta Anderson See Nerica and Erivaria, We have two boundful Librocleans in Figure, that of Euryalus, and that of Pallas.

The Word is Greek, form'd of coi, upon, and xiAsou, perform Funerals, to do the left Office to any one, of

sebb, card, cart.
EPICOENE, in Grammat, a Term applied to Nouns, EPICOENE, in Grammat, a Term applied to Nouns, which, under the fame Gender and Termination, mark, insidifferently, two Kinds, or SCCCS. Sec CENDER.
Soch, in Letter, is Aquida, Féfertuire, &c. which fignific equally, a Male or Female Engle, or Bit.

Grammarians diffinguish between Epicane and Com-Grammarian diffinguish between Epiceus and Com-mon: A Noon is find to be common of two Klods, when it may be joyned either with a Mafealine, or a Fernánice Article, and Epiceuse, when it is always joyn'd to fome one of the rwo Articles, and yet figniles both

EPICER ASTICKS, in Medicine, are Remedies, which EFILERASTICKS, in Medicine, are Remedies, which by their emplafile Virtue, or temperate Moiliture, foften the Acrimenty of an Humour, and affwage the painful Sunfation of the Part initiated or affilted: Such are the Roces of Althon, Mallows, Liquence J. Ladves of Lettice, Mallows, Nemuphar, Partlain; the Seeds of Flax, Poppy,

The Word is form'd of the and 2006; round, tempero, I moderate, correct.

EPICHEREMA, in Logic, an Argamentation, confiding Majethy of the Deity to concern it felf with human Af-of four, or more Propositions; fonce whereof are Proofs fairs: Learning affairs us, he held him, of working A

Thus, that Oration of Cicero for Mile, may be reduce 1 ms, that Creating of Cleave for Miles, may be reduced to the Effectivemen. That who Way-lay a Man to kill him, 'its issuful for him to kill a sa is allowed by the Laws of Nature and Nations, and by the Practice of the belt Mon: But Cleaker Way-hald Miles with that Views a suppose from his forming an Ambufactab toffeet his Country Houle, and from his Provision of Wespeas, Self-flexfore it was knowled for Miles Patients.

TPICOTIC Regions, from Lis, futre, upon, and Colon, the Gut to called; a Name given by Dr. Griffin, to that Space, on both Side, over the Colon. See Colon.

EPICOTREANS, a Soft of antier Philosophers, who othere to the Outrines and Opinions of Epicarus. See

EFICUREANISM.

Extreme Austran.

The Epiterrans have, in all Auge, been decried for risk meets of the Mexico, and their Artechneut to the Flatform of Series for Mexico, and their Artechneut to the Flatform of Series for Mexico, and their Artechneut to the Mexico, and the Mexico, who can be deep the Centime to Perform who can't conflict a Debtector, an include, first, efficients Perform, who only conflict his Platform, without concerning himfeld.

In 1981, the way always per Kinds of Edizoratory.

with any Thing ferious. In lithich, there we shaws to Kinds of Epicarrains of the Rigid and Remisis: The Rigid Epicarrains, were those firstly matched to the Sentiments of Epicarrai, with the Company of the Company o

who were the genume Epicerenia, call'd the other the
The Epicerenia talk their Name from the Chief of
their Bell, Epicerus, when from, however, dray to be
the Anthor of the Phillofoph te might; charping him
the Anthor of the Phillofoph te might; charping him
the Phillofoph te might; charping him
and ter Epiches, then of Artisper
them of Dimensions of Dimensions and
the Epiches, then of Artisper
them, and the Son of
Needles; born in the 1918 (Ohympial, and conformably
Martiese and Langingtons, about their, and the Son of
Needles; born in the 1918 (Ohympial, and conformably
Martiese and Langingtons, about the 1st Nove of his
Life, tho' he nitrevends removed to dithere, where he
Epic Christon and the Son of Health of the Christon
The noble Post Lancins, who has given us a beautiful
System of Epicerosing in time Lancin Verle, prefers in
Fairle Filipiorum, above alt other Failedophen, when, he
does the only the Son of The Son of the Son
The mobile Post Lancins, who has given us a beautiful
System of Epicerosing in time Lancin Verle, prefers in
Fairle Epicerosi, above alt other Failedophen, when, he
does the only the Son of The Son of Boots of
The noble Post Lancins, who has given us a beautiful
System of Epicerosing in time Lancin the Delatine of Anons, as
Capalica, which he atterwards made the finite of his PhysState. Christ, Handing Sonn, A. advance, that Tjidarrays.

From Science and the design of the course, or course, or control of the course of the course, or course of the cou Random thro' the immende lance, or Space, fortuitsously concurred nion immureable Syriems, or Worlds, which were thus form'd, and afterwards, from Time to Time, increased, changed, and diffillowed again, without any certain Castle, or Design; without the Intervention of any Deity, or the Introduce of any Providence. See Arous and Congruence, Not that he denied the Exitience of a God's On-fee Contrary, he affered it; just thought it Denests the

Majedly of the Delry to concern it felf with human Af-thins. Lettriki affaires we, he had him, of wenders, al-abellos, or neid negrepone tyf fir data negyt, A-Jedlie Lamper Birng, having no differs of his own Julies Lamper Birng, having no differs of his own Julies Lamper Birng, having no differs of his own Sec Convences, Space, Granter, Estabary, Eg-construction, Space, Granter, Estabary, Eg-der, his first Philippin, or the figures Peng-derred, method of Mental, and others of Cornil Pici-olared, method of Mental, and others of Cornil Pici-olared, and the second of the control of the con-

See EPICUREANS.

force. See Extensional.

ERICCLES, in the assistent Affronousy. As the Affronouses have instead as a Executive Circle, to fishe the ERICCLES, to fishe the Common and the C

In this Recentre, the Casers of the Effective moves;

In this Recentre, the Casers of the Effective moves;

Courte of the Plates, all the Way, moving requirely along the Circumference of the Philippic, when downwests, according to the Circumference of the Philippic, when downwests, according to the Circumference of the Philippic along the Circumference of a Circumference of the Circumference of a Circumference of the Circumference of the Circumference of a Circumference of the Circumference of the Circumference of a Circumference of the Ci

EVIL CAID. In General, a Carre general by the het corres, or canave Part of annihing the Care, so Carrely, and the Care, and Carrely Ford Care of the Care, and Care of the Care of the

the Area of the Paus, goments of the Carele: As the Sum of double the Velocity of the Centre, and Velocity of the

circular Motion, to the Velocity of the circular Motion.
The Demonstration hereof, See in Phil. Transact. N° 218.
EPIDEMIA, or EPIDEMIC Dilente, is formerimen and fer a catching, or explained Zineage, is tometimes used or a catching, or contagious Difeate; communicable from one to another: Such as the Plague, Pors, Scorbeins, Co.

Epidemic Differe, however, is more properly, and ufually,
underflood of a ceneral or forcading Differed, as a Plague,

understood of a general or spreading Disorder, as a Plague, arising from fome Corruption, or Malignity in the Air, which feizes great Number of People in a little Time.

The Word is form'd of and and Single, Popular, People; fach Tifester remning among all Kints of Fronce, of what-curva Ags, See, Quellity, We as a stiffing from a common or general Crufe. Whomen the Lattier call them Population Affects, opulate Difficulty in Opposition to whole called Spreaders, which are only how said there, as artifug from PETRICHAIN, and Antiquity, Fashi to Apidle at Difficulty, and Midway and of Library at Artigas. See Factor. The Fetalis note for Name Difficulties, by Rasflon though Gold were imagined in by predict on chefs Days among that Propiets, Accordingly, on the hist Day of the Zipitesane.

the Petelle. Accordingly, or the last Day of the Epistense, they fang Hymne, call'el developments, to bed them adden, and fit them forwards on their Journey. As theft Golds could not be every where, and yet were benour'd in Abundance of different Places; there were Times allowed them to pass from one Place to another to receive the Yous of their Adoress. See Scalinger, Peet. L. Illi. C. 114.

EPIDERMIS, in Anatomy, the Carticula, or Scarf-ik Sor CHTICER. Some hold the Faidermic to be form'd of the Exerc

Some hold the Epidermis to be form'd of the Exer-ments of the Dermis, or Skin: Hippocrater is of Opi-nion, it is engender'd by Cold; as, on Blood, Broch, or the ble, when cald, we fee a Pellicie four 'd. Eut'tis now pait doubt, that it is produced at the fame Time, and after the fame Manner with the other Parts 3 it heing Bound in Farins' of all Ages, in the Womb. I has neither Veins, Arteries, nor Nerves, whence it is

The Word is form'd of the Greek, ers, on, over, and

Ngua, Skin.
EPIDIDYMIS, in Anatomy, a little, round Body, on the Back of each Tellicle; call'd aifo Paraflasa. See

The Word is form'd of the Greek, 30, and \$100 mg.

EPIGASTRIC Region, is a Name given to the upper Part of the Abdomen, or Belly 1 reaching from the Cartalogo Ny boides, almost to the Navel. See Remon. It is divided into three Parts: The Sides, or lateral

Parts, call'd Hypochondris; and the middle, the Epiga-frium. See Hypochondris, 36.

There are also two Epigafras Veins, and as many Ar-eries. The Arteries are Braches of the Iliac External Arteries: The Veins discharge themselves into the Iliac External Veins.

EPIGASTRIUM, in Anatomy, the middle Part of the Epigafric Region; or, according to others, the interior Part of the lower Venter, or Abdomea. See Erigastrate. The Word is form'd of the Greek, 22 and yards, Belly.

EPIGLOTTIS, in Anatomy, the Cover or Lid of the

EPIGLOUTIS, in Anatomy, the Cover of Lid of the Larynu. "See Larynu." In The Englotti is a thin, moveable Cartilage, in Form of a Leaf of key, or a link Tongae, and therefore like-wife call'd Larynus, call'd Giottis. See Georgia. The Word is form'd of the and passes, or pastra-

Tongue. Galen takes the Epiglottis to be the principal Organ, or

Inflroment, of Voice; ferving to yary, modulate, and render it harmonious. See Voice.

render it harmonious. See Voick, Its Bafe, which is pretry heade, is in the upper Part of the Carrilego Scariformit, and its Point, or Tip, turned towards the Palate. It is only flust by the Weight of the Piece in fwallowing; but not for exactly, but that a Coura, or a Drop, formetimes cleapes throl it into the Trachos. Piece in twallowing; but not in exactly, but that a Count, or a Drop, fornetime efeapes thro' it into the Tractor. See 'Tractica', 5'C.

EFIGRAM, in Poetry, a front Poem, or Composition in Verfe, treating of one only Thing, and ending with force Point, or lively, ingenious Thought. See Poem.

The Word is form'd of the Greek, Silvenum, Infeription, of Surgeness, to inferibe, or make an Infeription.

tion, of emygenes, to infertibe, or make an inferrition.

Eygrams, in Effect, properly again's inferritions, and
derive their Origin from those Instruptions placed by the
Antiens on their Tumbs, Stence, Temples, untumphal
Arches, &c. Sec Insernations.
Thesis, as fift, were only fimple Monograms; afterwards, increasing their Lought, they make them in Verie,
to be the more cashly retained: Herodorns, and others,

have preferved us feveral of them.

their Bounds.

M. le Brun, in the Preface to his Lejgrams, defines an Epigram a little Form, fusceptible of all Kinds of Sibers, and ending with a lively, just, and unexpected Thought: Which are three Qualifications effectful to the

To armin Bravity, only one Thing is to be aim'd at in the Pours, and that to be partied in the concect Terms possible. Authors are much divided, as to the Length the Epigrams is to be constined to: The ordinary Limits are from two to twenty Veries; the'we have Initiation, but among the Amicus and Moderns, where they exceed to fifty. But fill it is allowed that the florer the better, mry. Dur sin it is allow'd that the inorier the becom-and more perfect, as it purtakes more of the Nature and Charafter of this kind of Poym

The Point is a Quality much infifted on by the Criticke, who require the Epigrams conflantly to close with fome-thing poignant, and unexpected, to which all the rest of the thing polygaint, and enexpected, to which all the rest of time Composition is only preparatory. Others there are, who exclude the Point, and require the Thought to be equitably distinct throughout the whole Peern, without laying the whole Stretis on the Clofe: The former is uffaulty Marriat's Practice, and the latter that of Catallius. Which is the most becartiful and pericel Manners, is diffused by a timel Close of Critical

The Greek Epigrams have fearer any Thing of the Point, or Briffands, of the Latin ones: Those collected in the or Brithmit, of the Letin cone: Their collicited in the Anthology, have mod of them a creatal her of Bailand and Simplicity, strateded with formething plut and wirey s Such as we find in a further bears, or a Claid that issue With. They have nothing that bins, but founding that such a contract of the contract of the contract of the pool Tall they are not infinited, theorem, the most period Tall they are not infinited, thereon, a first of partial that the contract of the contract of the con-plexed with the contract of the contract of the con-plexed with the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the con-tract of the contract of the contract of t

receive, to be the Denomination for an Epigram vota of the or Sharperdia.
"The principally the Point that characterists the Epigram, and diffitinguithes it from the Madriget. See Point. In the modern Verdication, as observed by Fo. Homente,

an no mosern versication, as one even by For. Its stage of the Eigeness and Madeingal, no hidden gall the Number of Verfex, and the Cloft. 1. By the Number of Verfex, which is the Modern Eigenss does not go beyond eight, nor in the Modern Madeingal, comes floor of fix. And, a day, In that the Cloft, or Fall of the Eigenss, Santana, Sa always fomething more lively and findled than must of the Madrigal. See Madrigal.

Matrigal. See Maddenara.

The Frigerom is the lowed, and leaft confiderable of all the Productions of Pocary; and "is rather an Editor of good Luck, than of Art, to fucced therein. The Finelly, and Subdry of the Epigram, M. Baiseau oblevs, flowed turn on the Words, tather than the Thought, which forms very lattle to the Credit of this Kand of Composition.

forms very little to the Croftle of this Kind of Composition, as It reduces it to the Nature of the Pan, tre Legislance, Re. Enchange Confirms the Hint, in adding, that the Replication of the Pan and the Replication of the Pan and the Replication of the Pan and the Replication of the Reader to guefic, or furply. Nothing pleafs the Reader to guefic, or furply. Nothing pleafs the Mind for match, as to find footnething of it fell in the Chyichs perfected it; por does any Taing dispatil in more than to precibel it from flowing and exercising a Neutry Mind of the Reader of t

this to preclude it from flowing and caverling a Bearly it values it dis fit. Sugressis.

Most. B. J. M. the Austral area or Calcillate in Event. Biggrass, and the street of England and the Street Biggrass, in the control of England and the Street England. He defines it is impaired. Thought delivered in a few Verfex; and conceive it as a Generical Name, including under it diverse kind of finer, lively Beafine, as the Samest, Randeloy, Medicial, and little Talle which only turn on form enter Through England all Inferiories, be thinks, may be after all and refreshed to the Hood of England. Box Constants, Samest. DELAY, &c.

BREAK, Sc.

The Egigness admits of great Variety of Subjects:
Some are made to Peatifi, and unbre so Surprise, which
till are much the enfold;
B. Navaner all Sayries on one
or another. The of der Rouwe, are all made in Honour
of his Friends. And those of Make Sastery, are no
own to the Pearl of the Pear

Verses; it must have its Unity like the Draws. The Comedy has an Action for its Subject; and the Epigrams See UNITY. EPIGRAPH, an Infeription on a Building, to fignific Ufc, Occasion, the Time when, and the Persons by

18 Ore, Oceanes, the line witch, when, it was built. The Word is Greek, and figures subreplieristics. The Word is Greek, and figures subreplieristics of the PELEISKY, in Medicine, a Convolider, either of the Whole Body, or fome of its Party, strended with a Deprivation of the Series and Understanding, and rementing from Time to Time in Fits, or Principles, Sec Convertison. The Pariet feited between, fills intractly and fuddently The Pariet feited between, fills intractly and fuddently.

The Pariest felect ferewith, raiss fillently and saddenly down; or, rather, shows and precipitates himself violently to the Ground. When down, he grinds his Tech, foams at Mouth, and frequently finales his Head; his Arms, at Mouth, and frequently finales his Head; his Arms, Logs, Nech, Back, &c. either becoming rigid, or variously Logs, Nech, Back, &c. either becoming rigid, or variously and one of the Parts are in a wisture Contraar Mouth, also incuents and many are the coming rigid, or variously LEGN, Neck, Back, &c. either becoming rigid, or variously difforced. And as all the Parts are in a violant Contraction, there is frequently an involuntary Flax. of Urine, Seed, and freal Maure. After fome Time he returns to Seed, and freal Maure. After fome Time he returns to think? if, only vertiling a Head Ache, Heavineft, Wearineft of their Limbs, U.S.

Ermeller more accurately diffinguishes the Difeuse into three Degrees: The first, or lowest, is much the same with the highest Degree of a Vertigo. See Varance. In the second, there arise various Agitations and Gesti-

culations; and the Senfes, both external and internal, either remaining, or being transported into a Delirium; they dance, fing, laugh, weep, talk idly, shreek, and beat their Bresila. Sometimes they remember all after the Fit is over,

Breatis. Sometimes they remember all after the Pet is ofter, and fometimes touching at all. In the third Degree, which alone is ordinarily called the Ephinfys, they lost the Uffe both of Reafon and Sonfe; fall, or fling themselves down, foam, grind their Teeth, and bite their Lips, with the other Cheumstances above re-lated. Those affected with the fectoral Degree, are wisally

lated. Those affected with the focosed Degree, are unuary baid for possible by the Degree Benefit of the Boundary of the French of the French of the French of the Boundary of and irregular Metious, and Directions; Whence arties its Diffirition from a Syncope, and Apoplexy, which take away all Motion as well as Senfe. See Syncope and APOPLEXY.

away an autonin as with a some one Streeters are all the autonomic and autonomic and the autonomic and

Son-Horne, t-directum, Peterciats Dung, t-umplore, Sali, and To recovers a Peters in as Ri, Toberco Smooth, or that of barnet Ferthers, is recommended. Bereletes above all Things direct the Ferrores and Springer Comber. Set Peters and Springer Springer. Set Peters and Springer Springer. Set Peters and Springer Springer Springer. Set Springer Springer Springer. Set Springer Springer Springer Springer Springer Springer. Springer the Scrolities of the Brain.

the Serofites of the Resun.

He adds, that be known an Epiteptic Perfen, who, upon the fiff Approach of his Director, subs his Forehead with his Hand, and bends his Head as fire backward as he can, retting it against a Wally and by that Marma fectures himfelf against the Convanison. The probable, that by this be given a Motion to the Lympan, and drives it from the Pince which before it diffused.

The Word Epilepfy is form'd of the Greek, bhanusapierus, to furfrize, graff bold of one, by reason the Diffase seizes and overcomes the Senses, so that the Patrent ferms as if dead.

In English it is usually call'd the Falling Sickness, by reason People fall down when attack'd therewith. The Latins call it Comitialis Morbas, by reason when any body was feir'd therewith in a Comitia, or Assembly of body was stried therewith in a comitta, or Affenbly of the Roman People, they perfectly broke up the Affenbly, as deeming it an unhappy Prelige. See Comittalia. Some cell it the Marbus Sacer, as supposing it sen by way of immediate Pountiment from God. Others, the Marbus Cadacus, others Harcaleus, Soutiens, Lues

EPILOGUE, EFILOOUS, in Oratory, Sc. The Pero-ration, or last Part of a Diffounts, or Treatife; wherein there is cedinarily made a Recapitulation of the principal Matters delivered therein. See Parson Aylon. The Word is form'd of the Greek & hops, of the Verh

Shalps, I fay after, the Epilogue being the End, or Con-

clusion of a Discourse.

EFILOUSE, in dramatic Poetry, a Speech addrefs'd to the Audience, when the Play is over, by one of the prin-cipal Persone, or Actors therein; containing usually iome Reflections on certain Incidences in the Play, particularly

Memethems on certain indicates in the Party personancy, those of the Part of the Perfor who Figures in. In the modern Tragedy, the Philogone has ulfully formewhat of Pickaurry; intended, we improfe, to compote the Passons rais'd in the Courie of the Representation, and fend sway the Andience in good Humour; the how far that Defign is good and laudable, will bear fome Dispute. See Talerry.

Differen See "I nearest a season of the see and the see a se

The Philogen is but of modern Date, much later than the Prologue. See Protocover.

Many, indeed, have taken the Evodinith of the autient Greek Drama, for an Epilogue; by reafon Ariflade defines it, to be a Part schearfed after the Cheera had fing for the last Time. But, in Resilty, it was of a quite different Nature. The Evodinum was the last of the four rect Nature. The Evodinum was the last of the four rect Nature. rent Nature. The Exodinan was the last of the four Parts of a Tragedy; containing the unravelling and Ca-tastrophe of the Plot, and answering to our last, or fifth

4. See Food view in the Greek and Latin Poetry. EPINICION, a Term in the Greek and Latin Poetry. has two different Significations among the Ancience. A Reaft, Coremony, or Rejoycing, on Occasion of a theory obtained. at A Poem, or Composition, on the fame Subject.

Scaliger treats expresly thereof in his Poeticks, L. I. c. 44.

Sealiger neuts equally thereof in his Prockets, I. I. e. 4, 1. The Word is formed from the Grown, Filleys.

EPPILANX, in Antiquity, the First of Milleys.

EPPILANX, in Antiquity, the First of Milleys and Construction of Construction, Proceedings of the Construction of Growners, New Total Construction of the Mary, Most, at its fift Individuous manage that Growners and Milleys (1994) of the Construction of the Mary, Most, at its fift Individuous manage that Growners and Milleys (1994) of the Construction of the Mary, Most, at its fift Individuous manage that Growners and Milleys (1994) of the Construction of the Mary, Most, at its fift Individuous manage that Growners and Milleys (1994) of the Construction of Construction of Growners and Milleys (1994) of the Construction of Co

arce, and Manifelation of God.

Peop Folicis, who reignd from the Year \$13, to \$15, Peop Folicis, who reignd from the Year \$13, to \$15, Peop Folicis, who reignd from the Year \$13, to \$15, People of People o Corpform, take it for the Day of our Strone's Bayetin, when he was declared to Man by the Voice, He of juliment all bills, in you make completed. This is my belowed Son, is written in an well placked. And accordingly the Conference of the Confere

Appetrance, by reduction our savoult man appear on narrance on that Day. And it must be allowed, that the Word is ufed among the autient Greek Fathers, not for the Appearance of the Star to the Alagi, but for that of our Saviour to the World. In which Senfe, St. Paul utes the World Epiphania, in his Second Epithe to Timothy, 6.1 v. 10.

Add, that the Armenians, to this Day, celebrate the Feaff of the Nativity, on the Day of Epiphany, according to the Practice of the ancient Church; which fome Re-missip Millionaries have importancely confused 'em for, no knowing that the Epiphony, originally, and properly, was the Nativiry of one Saviour

the Nativity of our Saviour.

Annianus Marcellinus makes mention of this Peath,

Lib.XXI. c. and obferve that it was held in Jéanus;

Upon which Pathag, Valefius in his Notes, endeavours to
flew, that the Hiltorian meant by Epipeauy, the Feath

of the Nativity.

of the Nativity.

The Heathen Writers uffed the Word Epiphania in the like Seufe, wix to express the Appearance of their Gods an Earth. And the Christians, after their Example, applied it, in the general, to express up Appearance, or Manifelation of the Deity.

EPIPHONEMA, in Rhetoric, a Figure of Speech. See

EPPENONENTA in Remons, sometimes the friends.

The Epiphonenus is a femeration Kind of Exclamation, frequently added after a Narrative, or Rehearful, of any Thing remarkable; occasioning, affailly, a lively, close Sandard and Control of the Control of the Control of the Control of the Report of the Rejection of the Jews, and the Vocasion of the Grant Control of the Rejection of the Jews, and the Vocasion of the Grant Control of the Rejection of the Jews, and the Vocasion of the Grant Control of the Rejection of the Jews, and the Vocasion of the Grant Control of the Rejection of the Jews, and the Vocasion of the Grant Control of the Rejection of the Jews, and the Vocasion of the Grant Control of the Rejection of the Rejecti

Oh the Death of the Wildom and Knowledge of Gods

Such also is that of Lucrerius, after relating the Story of Acamemon's facrificing his Daughter Diversits:

Toutum Religio barnie fundare malerum ...

Such, lattly, is that of Virgil, upon Occasion of Jano's

perfecuting Eneac: - Fantana snimit Calebiline Teat

Which M. Roilean has imitated in.

Tant de fiel entre il en l' Ante des Devots?

And Mr. Pope In.

And decells fuch Rage in foftest Besows then? And lodge such daring Souls in little Men?

EFIPHORA, in Medicine, a Difeafe of the Eyes; confiling in a preternatural Defluxion of Rheum, or the Mutter of Tears; accompanied, frequently, with Heat, Rodnefs, and Twitching. Preserve calls it a Kind of Carthur of the Glands of the Eye.

The internal Caules of the Epiphora, or Rhemm in the Effect of the Clands of the Eyes.

the Eyes, are a Relaxation of the Glands of the Eyes, and a too great Actimony, or Sharpack of the freons Humour feparated thereby; which ferting and relikciting the Eye, draw an unufual Quantity of Blood and Lympha thereto; by which, at kepth, the Cheek becomes exo-riated, &c. Children are most liable to it, from the fre-quent Ufe, and firstining of the Glands of the Eye in

Crying.

The external Cau'es of the Epiphora, are fharp Duths,
Steams, Ca. entring the Eye, and irritating the farze. A
too cold and fharp Air has frequently the like Effect.
An invecerate Epiphora frequently degenerates into a

An inverente Epiphona frequently degreerates into a fiftula Lacrymon et Epiphona, is, 1º. By causing a Revul-floor, or Derivation, of the poctase Hamour, to lome other Part, as by Venefection, Capping, Bilfering, or Cathariteks. 1º. By correcting in Actionary by proper Remedica, And, 5º. By applying Altringense externally. Lapit Calaminarity is mach commended.

The Word is Greek, form'd of Shojeymes, I am drawn. The word is trees, some to a superjust, it is a some EPDPHYSIS, in Anatomy, is a leffer Booc, adhering, or growing to another, by fimple Contiguity. So: Boss. The Subthance of the Epiphysis is rare and lax; in young Children it is merely cartilaginous; but harders as

young Contern it is merely examinations; planteres as they grow in Age, and, at length, becomes guite beary. The commonly laid down, that there is no regular Arti-culation between the Epighylls and the Bones; the 'eis-certain, that there is a reciprocal Admittion of the Heads, or Extremities of each, into the Carriers of the other.

See ARTICULATION. There are forme Bones that have no Epishajics at all, as the lower Jaw: Others have no lefs than five, as the Vertebre. The Defign of adding Epishajics no Bones, was, to imply their Defects, and render them longer and bigger at the Extremes.

The Word is form'd of the Greek, em, on, moon, and ever, to grow, adhere. It is also called Appendix, Addisonertum, Advascentia, Sec.

EFFIXES Formifymus, are two Eminences of the Cordellum, flasped like Worns, which keep open the Parling from the third to the fourth Vermicle.

In disting the third was the British was preted to the property of the British was prepresented by the British was preEPFIPLASMI, the Line with Cartishiston. See CAEPFIPLASMI, the Line with Cartishiston. See CA-

EPIPLOCELE, in Medicine, a Kind of Hernia, or Tumor, occasion'd by the Detects of the Epiploon, or Caul, into the Sergium. See Hernia. See also Ex-

TRIO-PSPENDICE.

EPIPLOIC, or EPIPLOIDES, a Term applied to the Arteries and Veins, diffributed through the Substance of the Epiphopa, or Caul. See Epiploon.

EFIFLOIS Dearre, is a Branch of the Celiack Artery, which runs thro' the right Side of the inner, or hinder Leaf of the Caul. See CKLIAC.

Lest of the Caul. See Critac.

EFFECUS Smiffer, is a Branch of the Celiack Artery,
which is bettowed on the lewer and left Side of the Caul.

Son Crryso

See CRIAC.

ETITIONS Poffices, is a Branch of the Colleck Artery, fpringing out of the lower End of the Spécnice, and running to the hinder Leaf of the Caul.

EPIPLOMPHALUS, in Medicine, a Species of Exsentibution, or Navel-Rupture; being a Tumor, or Swel-

constitution or Navel-Rupture; being a Tumor, or Swelling of the Part, occasion'd by the Epiploon's bearing tog hard against it. See Exomphagus. The Word is compounded of the Greek Grancer, and

EPIPLOON, in Anatomy, a fatty Membrane, spread over the latestimes, and entering even into the Shunofities thereof; call'd also the Omeratum, and popularly the Coul-Sec OMENTUM. The Wood is formed of the Group beyorkson, to Conity.

it forms to flust on the Intellines. EPIPLOSARCOMPHALUS, in Medicine, a Sort of

Tumor, of the Even-pursons Kind. It is asked of the Epiploon, and the Fielh. See Exomptature. The Word is compounded of the three Greek Words. Sixteen, Priblem, odes, Flelle, and enousie, Umbil.cuse

EPISCOPACY, the Quality of Epifcopol Government; or that Form of Church Discipline, wherein Discolan Biftops are chablished, diffine from, and superior to Pricits

Bilhopa ane diabalifid, diffined from, and fuprior to Pricise Probjerts. See Bismory, Hirananam, 26c.
Epigipapay and Prisiparty, have been alternately client probjects of the Prisiparty and Prisiparty, have been alternately client EPISCOPACIDE, the Ceime of murdering a Bithop by one of his own Clergy.

By the Laws of England, the fame Obedirect is due from a Cheydronia to Bibloop, as from a Child to his Fasher: And therefore the Officers of Epifolyancial and Fasher: And therefore the Officers of Epifolyancial and

Parricide are made equal, via, Petty-Treaton. EPISCOPAL, formething that belongs to a Bifhop. See

Busson. The Englispal Government, is the Government of a Diocesi, wherein one fisched Perfen, Jesuily Conferenced and the Conference of th

Among the Epifeopol Functions, the principal is that of making frequent Visitations of the Diocelt. See Vis-The Word is form'd of the Latin, Epifcopus, Bifton 5 derived from the Greek, Shourflores, inspicere, to inspect,

whence Processes, Injection, Bilhop; who is to watch over the Flock committed to his Care.

the Flock committed to his Care.

FISCOPALIA, in functions stell in the fame Sente with Penticulate, See Processing Self-section and the section of the section of the Section Section Self-section Self

In Sestland, the principal Diffenters are the Epifeopolisat. Lay Epifeophilms enjoy all the fine Coull Privileges with those of the Efficient file of the Text Text are under no Refirficient; tied no or Text is but are implayed in all Places of Trust, spen taking the set are implayed in all Places of Trust, spen taking the set are implayed recomment. But the Epifeopol Mailton are lable to recruit pearl Laws, the general part of 'em being Non-feveral pearl Laws, the general part of 'em being Non-

Chamberlain.

EPISOCPUS personnen. It was an ancient Custom for fome Layman, about the Featl of Epiphony, to pits ibi Hair, that he might ferm to have the Tenfrer, and to put on the Epiforgia Garmentis, and then to exercise a Show of perificience, and don't have no exercise For which Residue and among ms, long after feveral Con-This Custom would be about the property of the Epige.

flitutions were made to abolish it. trations were made to abolith it.
EPISODE, is commonly oncerv'd to be a feparate locident,
EPISODE, is commonly oncerv'd to be a feparate locident,
Story, or Adion, which as Hildorian, or Poet, inferts and
common with the principal Adion, to remain four the Work
or and the present principal of Evenas; the, in Stricknefs, all
the particular incidents, whereof the Adion or Narration
is composed, are call'd Epyfoles.

Deep the General 202 (2), 20.

is compored, are called Epiphete.
Presents Gereck, 28; and est, Cermes, Perfs.
Extens, Eriscineses, in cleanante Poetry, was the
Extens, Eriscineses, in cleanante Poetry, was the
The Origin and Use of Epiphetes, is admirably deficient
but by an Infantise and Ex Soffle. Trapedy, is in Origrian, being only a Ilyman fing in Honocot of Bateches,
for red Marie, with Dancing, and the Blay to diversify
the Repreferentian a latin, and divert the Analison, they
believely themselves at length to divide the Singling of
the Cheen into Werterl purity, and to but functioning rehears'd in the Interva-

rebeave in the intervals.

At first, a fingle Person, or Actor, was introduced, then
two, then more; and what the Actors thus rehearled, or
entermin'd the Audience withal, being something foreign,
or additional to, or befide, the Song et the Chorns, and no

or automosal to, or ormer, me cong or me, afterns, and no receiliry part thereof, was call'd Ensurence, Epifode.

And bence Tragedy came to confift of four parts, the Prologue, Epifode, Exade, and Chorn.

The Prologue was all that preceded the first Entrance.

of the Chorus. See Protogue.

The Epilode, all that was interpoted between the Singings of the Chorus.

The Exode, all that was rehearfed after the Chorns had me finging. See Exon rum.

And the Chorus, was the Grex, or Company that fung

the Hymn. See Chonus.

And as this Recitation of the Actors was in feweral parts.

And as this Recitation of the Actors was in leveral parts, and inferred in feveral places; it might either be confided together, as a fingle Epijode, confilting of feveral parts; or each part might be call'd a diffinite Epijode. These feveral Epijodes in the fame Tragedy, might either be taken from fo many different Subjects; or trem the fame, divided into a proper Namber of Recitations,

Incidents

or Incidents.

To confider only the first Occasion, and Institution, of thefe foreign, or additional pieces; it appears no ways neces-fary that they shou'd all be taken from one and the same Subject: Three or sour Recitations of different Actions, no wife related, or connected to each other, would ease the Actors, and amufe the People, in the Intervals of the Chorus as well as if they were all fo many parts of the Jame Action. By degrees, what was at first only an Adfame Action. By degrees, what was at first only an Ac-dition to the Tragedy, became the principal part thereof. Then, the several Pieces, or Episodes, began to be con-ided as one single Body, which were not to have parts, or Members of different Nature, and independent of each

The best Poets took the Thing in this Light, and drew all their Epifodes from the fame Action; which Practice was fo fully citablifu'd in Arifotle's Time, that he lays it down as a Rule. Those Tragedies wherein this Unity and Connection was not observed, he calls Epifodic Pieces See EPISODIC.

Episone in Epic Poetry. The Term Episode, by being transplanted from the Stage to the Epopea, did not change its Nature. All the Difference Aristotle makes

not change its Nature. An in Directory Triplate Makes between the Tragic and Epic Fjifdets, is, that the latter are more ample than the former. See Eric. Arifotie uses the Word in three different Senses: The first taken, from the Enumeration already made, of the frit taken from the Ecameration aiready much, of the pairs of the Tiergedy, ver. Projectop. Cherra, Efffot, and Eried. Whence it follows, that in Tiergedy, every that a survey of the table of the Project, without either Project, Cherra, of Efficient, the Viragie Effodé included to whole Tiergely: Confequently, the Pite Efficient most be the whole Tiergely: Confequently, the Effect Efficient most for the whole Poem, in like manner. All there is no retrently from a teining the Proportion, and Horocation, the Proportion of the Propor

which fland in lieu of the Prologue. In this Senfe, the Ecopes and Tragedy, have each only one Epilode; and if the Parts, or Incidents, be ill connected together, the Poem will be Epifodic and defective.

But further, as all that was fung in the Tragedy, was call'd the Chorus, in the fungular Number; yet this Singu-larity did by no means prevent every Part or Division of the fame from being call'd a Chorus, without making feveral

the time from being call'd a Cherus, without making feveral Cherus't: So twas with the Epifode: Eash Incident, and part of the Fable and Action, is not only a part of The Term Epifod, therefore, in this Sone, figuille every part of the Action experted in the Plan, or first every part of the Action experted in the Plan, or first every part of the Action experted in the Plan, or first construction of the Cherus of the Cherus and Manderings of Utypics, the Different in his kennily, and his Perfector which are all the particular to the Cherus of the Cherus of the Cherus Action of the Cherus of the Che

Arifottle farmifles us with a third Kind of Epifode; in flewing, that what is contain'd and express d in the fifth Plan of the Fable is proper, and that all the reft is

By proper, he means what is abfolutely necessary; and by Epifodes, what in one Senfe are necessary, and in another not; so that the Poet is at Liberty to use, or let

Thus, Homer, having made the first Draught of the Fable of his Odystice, was not at Liberry to make Uigiffs a shiften from his Country, or not. His Abtence was exten-tial; and therefore Arifloide ranks it among the Things the calls proper. But he does not before, that Appellation be calls frager. But he does not believe that Appendition on the Adventures of Antipheale, Circe, the Syrens, Sepila, Carphdis, &c. The Poet was at Liberty to have let thefe alone, and choffen others in their Room, fo ther they are Pylodes, diffined from the first Action, to which they are Figlate, dittied from the first Atility, to which they are not immediately needfers, I moded, in one Stock, they may be fidd to be needfay: For Utipfith's Ablence being needfay; at Kallows, that are their gir his own being needfay; at Kallows, that are their gir his own Four was at Liberty, not to have wide their porticular Adventures above motionally get be sun our at Liberty, not to have afed any: But if he had emitted though he mad recedifully her follottiented better in their Room. Otherwise, he would have emitted a pure of the Mainter This trial Sent herefore, of the Wed Pathlote.

constant in his Plan, and his Peers had been deferite.

This third Sangh therefore, of the Word Fiftields, come to the focual. All the Difference between the Month of the Planck of the

of Assoftus, Communest, and A seconds. See ranks. Upon the whole, the Term Efflore, in the Epic Poem, as used by the Father of the Chricks, Ariflotte, does not fignific any foreign, or accidental Adventure; but the whole Narration of the Poet, or a necellary and elfential part of the Action and Subject, amplified with probable part of the Action and Subject, amplified with probable Circumstances.

Circuminators.

Thus, Arighted enjoins, that the Epifods be not added to the Akiton, or feeth difform effenders; but be a part price of the property of the pr Epifode, erumbin, as if in English we should say, Epifedify his Action

pholy his Action.

Add, that to thew the different Extension of the Tengody and Elpiptes, than is, how the one becomes longer into the control of the tendence of the which the tendence of the taking Venjesses of the which through in Espiges is inception our and exacted by vm. In one Word, the taking Venjesses of the which through in Espiges is inception our and exacted by vm. In our Word, the taking the taking Venjesses of the which through in the taking the taking Venjesses of the which through the taking the taki

proper Action, but an Action Epiphistical, or a and Action would be the better for it. Now would any Body Epiphistical, which, tho' at the Difference of the Port, is Imagine be had furgot any Thing, or that there was any receiling any appear to the Subject.

From what has been field, we may remain to define

From what has been field, we may remain to define

From what has been field, we may remain to the control of the Port of the Action of the Homour to the Control of the Port of the Action, which is the Bids of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Control of the Port of the Action, which is the Bids of the Port of the Action, which is the Bids of the Port of the Action, which is the Bids of the Port of the Action, which is the Bids of the Port of the Action, which is the Bids of the Port of the Action, which is the Bids of the Port of the Port

Thing of the Simplicity which it had when first express'd in general, in the Pian of the Fable.

Arthoric reheating the Parts of the Plan of the Odolfe. in fighting, in our Flow we now could be the Origin from country, that they are proper; and by chat, distin-guiffest them from Epifetic. Thus, in the Origina of objective the Ophibotet, the ceiting of the Player at Probert in De-join. The only the Ground, and Mance of an Epifetic, pages that the Country of the Player of the Player of the International Country of the Country of the Country of the Desire Country of the Country of the Country of the Country of the Burndence of the Epifetic Internation, that the Supplica-contains in it left Abonduce of Epifetic, which the Foot may use, or its country of the Countr contains in it felf Abundance of Epifodes, which the Four may ufe, or let alone, at Pleafure. That is, it constrains the Grounds, or Stamina thereof, which may either be left in their general and fimple Breviey, as Senare has done the ceating of the Plague; or may be extended and no-folded, as the time Author has done the Punithment of

Osigns.

The Subject of a Poem is lengthen'd two Ways: Either, by the Poets making use of a great many of his Epifodes; or by amplifying, and giving a great Extent to every one. By this latter Method, chiefly, it is, that the Epie Poets lengthen their Poems much beyond the Dramatic. It lengthen their Poems much beyond the Dramsteir. In must be added, that there are certain Pers to in a Action, which, of themselves, doo't naturally present or affired methods that the second of the second of the second Tarrans, or the fike: Whereas, there are other Parts of the Falbe more copious and fertile, and which oblige the Poet to make divers Effolder on each 3 the Bild down in Poet to make divers Epyloses on each; the laid down in the first Plan, with as much Simplicity as the rest. Such are the Battels of the Trojans and Greeinus; the Absence of Utylifes; the Wanderiego of Amens, Sec. For Utylifes's Absence to many Years from his own Country, required his Pressure cliewhere; and the Design of the Fable was has Pretence chewaere; and the pengn or one rank was to throw him into feveral Dangers, and different Countries. Now each Peril, and each new Country, furnish d an Epifode, which the Poet might use if he pleas'd.

Now each Pari, and each new Country, farmilla'd as Epifels, which the Peer might us if he pleasid.
The Relate of the whole is, that Epifels are not the Country of the Parish of the Alien and Marror them they, as the Members make the Edyl, "That of Coard, they are not to be made in Edyl That of Coard, they are conceived with the Artin, he with one another. That Parish of the Alien or That they are not united, and connected with the Artin, he with one another. That of the Alien or That they are not united, and connected with the Artin, he with one another. The Artin, he will be a state of the Alien or the Alien of the Parish of the Alien of th

probable in the Circumitances thereof. See Acricos. EPISODIC, in Poetry. A Fable is faid to be Epifodic, when it is fwell'd with unnecessary Incidents; and its Epifodes are not necessaryly, nor properly connected with each other. See EPISODE.

achie other. See Exturory.

Artipate lays it down, that their Tragelies are med chefeilive, whole Hyddes have no Connection, or Depondence, on each other; which he cell. Pepliche, q. d. injection, or d. injection; which he cell. Pepliche, q. d. injection of the cell of

for other Actions, to supply the terraining Ariff. Poems. C. 9.

The first French Poets did the like: To fill each Aft, they took to many different Actions of a Hero; which had no other Connection between them, but that they were

had no other Connéction between them, but that they were done by the finar Perion. Buffe, p. 1-306. Giocambinose. If an Efficial be side, the Nimes and Giocambinose. If an Efficial be side, the Nimes and Builder and State of the Fount, and the State of the

The principal simple Epifpafticks are Pellitory, Garlie, Mustard, Omons, Teast, Goose-dong, and that of Pidgeons.

Cantharides, &c. The Word is Greek formed of and and and trake

I drace, EFISTATES, in Antiquity, a Commander, or Person, who has the Direction and Government of a People.

The Term is of confiderable Use, in speaking of the ancient Government of dishests; where the Epistares was the Senator in Command for that Day, or whole Turn it.

the Sonate is Common defining where the Conjugars was was to prefile that Day.

The Confineen was this 'The set Titles of Albert, The Confineen was this 'The set Titles of Albert, Which make Sonate of set Handrick, Every Tribe has which make Sonate of set Handrick, Every Tribe has the Procedure in in Turn, and farenacled it again, for-cedured the Confineen of the Confineen of their first that the Confineen of the Confineen of their first than the Confineen of the Confineen of their first than the Confineen of the Confineen of their first than the Confineen of the Confineen of their land Progression, and the Turn, or Duration, of their first Days, may of the Sty Progression, During their hard the Name of Processor. And of their Properties, there is the Confineen of the Confineen of the Confineen of Processor. No Person was allow'd to hold this Office more than

No Perion was showed to hold this Unice more man once in his whole Life; left he should fall too much into the Tast of Dominion. The Senators of all the other Tribes still voted, according to the Order the Lot had Tribs still voted, according to the Oeder the Lot had given them; but the Physicase alone convende the Aftenbies; the Preceives, laid the Business before them; and the Epifentes, book their Votes and Opinions. It must be added, that of the ten Physicase, of each Work, there were but fiven that could prefide, each his Day, in Quality of Epifentes. The ten Proceives clecked the teren Physicanes. See PartAnxia.

The Word is derived from the Greek, 24, fuper, over, and low, to I fland. EFISTEMONARCH, a Dignitary in the Greek Church,

The Epifemonarch was appointed to watch over the Doctrines of the Church; and to inspect, or survey every Thing relating to the Faith, in Quality of Censor His Office answer'd pretty much to that of Magister

eri Palatii at Rom The Word is derived from the Greek, Hadus, fcio, I

know, of Bacina, Science, Knowledge, and deni, Command.

EPISTLE, a Letter miffive. See Layran.

The Term Foille is now scarce used, but for Letters rote in Verse; and Letters Dedicatory. See Episite DEDICATORY.

DEFICENCE.

In Spatiag of Letters work by Moderns, or rather, in the modern Languages, we never wit the Wood Epiflet.

Than, we Sp., the Letters, not Epiflet, of the Cardial of "Office of Pattern, of Beliefa, of Housel, of Epiglet. Assisted Assisted Assisted Assisted September, Assisted Languages, we call Epiflet. As the Epiflet, no Letters, of Cierra, Piley, Senson, Studenskin, Limmer, Sc. Co. St. & Angellin, St. Fernes, St. The Light Sec. Co. St. & Angellin, St. Fernes, St. The Light Sec. The L

The Word is form'd of the Greek, Arrivan, mitte.

1 fend. EPISTULARY, a Term chiefly ufed in the Phrist EPISTULARY, as ex-Serval applied to Authors who have wore Epiglies or Letters. The principal Epiglies or Authors when we have well as the experiment of the Epiglies of Letters. The principal Epiglies or Authors, Tentral Politics, Butterful Sector the Philiotophen, Peterseth, Politics, Butterful Sector the Philiotophen, Peterseth, Politics, Butterful Epiglies, Marcis, Aghten, Milron, Peters, Letters, Serval, Epiglies, Marcis, Aghten, Milron, Peters, Letters, December 1999.

EPISTOMIUM, in Hydraulicks, a Plug, or Inframent by the Application whereof, an Aperture may be open'd, nd flut again at Picafore.

EPISTROPHEUS, from interfeor, converto, I turn out; the fame with Cardo, See Cardo.

EPISTYLE, in the antient Architecture, a Term uled by the Greeks, for what we call Architeme, viz. a Maf-five of Stone, or Piece of Wood, laid immediately over the Capital of a Column. See ARCHITRATE.

The Epiffyle is the first, or lowest Member of the Establature. See ENTABLATURE.

The Word is derived from the Greek, 5th, fuper, upon,

and sands, Columns

EPITAPH, a Monumental Inscription, in Honour, or Memory, of a Defunet; or an Inscription engraven, or cur, on a Tomb, to mark the Time of a Person's Decease, his

on a Tomb, no muzi fer Time of a Ferfeck Decesië, his Nume, Emally, and civilay fome Eops of his Vertex, or good Qualities. See Mesowarar, Tosta, Ge.
The Style of Experipte, referrall, these composed in European Section 1. Latin, his impulsition of the Composed in Latin, his impulsition of the Composed in Property of the Composed in Latin, his impulsition of the Epitathy, not very simple, but exceedingly well decline. For Latin, his liversity gives a Oddiction of the life Kinds, in French central, Triples Way, in our English, Experiment of the Property of the Composed International Composed door formething in the fame Way in our English Epitash 5. An Epitash 5 is faid to be yet wanting to the Dake of Marthorough's Monument; the a Premium of 500 Pounds was offered by his Dowager, to him that should compose one worthy of the Hero deceased.

one worthy of the Hero deceased,
In Epitaphs, the dead Person is fometimes introduced,
by Way of Profopopaia, speaking to the Living ; of which
we have a fine Inflame, weethy the Anguylan Age, wherein
the dead Wife thus bespeaks her furviving Hudband.

Immatura peri : fed tu felicier, Annos Vive tuos, Conjun oftime, vive meas.

The Word comes from 30, upon, and wis G., Sepulcher. The French have a Proverb, Monteur comme une Epitable: He lies like an Epitaph; in Alluson to the Eloges ordinarily contain'd therein, which are not always

EPLYARI, is also applied to certain Eloges, either in Profe or Verfe, composed without any Intent to be en-graven on Tombs.

In the Collection of Epigrams, we have Abundance of fuch Epitaphs; some of them ludricrous and fatyrical. See EFIGRAM. See EFIGRAM.

For a Specimen, we shall here add a very beautiful Egistaph, composed by Mr. Cowley, on himself, to be put on a little Country House, whither he retreated from the Court and Town, to Spend his last Daya.

Hic, O Viator, fub Lare parvulo, Coulcius bic est Conditus, bic jaces Defunctus bumani laboris Sorte, Supervacuan Vita: Non indecora pauperie nitent, Et non inerti nobilis otto, Vanoq, siletius popello, Drvittis, animolus bofis. Posts at illum dicere mortuum, En terra jam nune quantula fufficit t Exempta fit curs, Viator, Terra fit illa levis, precare. Hic Sparge flores, Sparge breves Rosas ; Nam vita gaudet Morsua floribus ; Herbifa; odoratis coron

Varis adbue cincrem Calentern. EPITASIS, in the antient Poetry, the facced Part, or Division of a Dramatic Poem; wherein, the Pies, or Action, proposed, and enter'd upon, in the first Part, or Pratasis, was carried on, heighten'd, warm'd, and work'd will be considered at the Same of Height entitled the carried on the present of the Same of Height entitled the carried on the Same of up, till it arrived at its State, or Height, call'd the Casaffafis.

See PROTASIS, and CATASTASIS.

This Division is laid aside in the Modern Drama; in Lieu whereof, our Plays are divided into AGS. See Acr.

The Epitafis might, ordinarily, take up about our fe-cond or third Act. See TRAGERY. The Word is pure Greek, dantes, of carrier, Intende,

EPITASIS, in Medicine, is fometimes used for the Increase, or Growth, and heightening of a Discase; or a Paroxysm of a Discase, particularly a Fever. See STATE.

Parcoffine of a Diffedis, particularly a Fever. See Sparts. EPFITHALAMUM, in Peetry, a Mayridal Song, or a Composition, usually in Verice, on Oxosimo of a Marringe. Feveren new Perices of Binizzone. As the Perision of Marringe Percent new Perices of Binizzone. As the Perision of Marringer, and of the Marring Couple; with the Peeury and Orbite of the Marringe Solumniary, it concludes with project to the Gold for their Periferency, their happy Offining, G.C. Gentillae exceeded all Annujery, in the Pipithalaments; and the Caviller Information of Marringer Solumnia (See Solumnia Constitution of Marringer). The Weet in Serrind of cite and Solumnia (See Solumnia Constitution).

Chamber.

EPITHEME, EPITHEMA, in Pharmacy, a Kind of Fourestation, or Remedy, of a liquid, firstrous Kind; applied externally upon the Regions of the Heart, or Liver; to throughen and comfort the fame, or to correct time Intemperature. See FOMENTATION.

Interrogerature. See FORMENTATION.

There are two Kinds of Epithems; the one Liquid, and the other Satis! The Liquid Epithems is a Forneration of a more fipitious in Narrare than the relight; the Satis!, is a Mixture of Conferent, Treach, Confections, and Cortial Powders, generally fiped and in a Piece of Scarlet, or Leather. The Word is formed of the Greek, only 1900, and

The Word is formed of the Greek, only after, and Samu, prince, I am.

John, prince, I am. Adjustives, precinging four Quality of a Subdistant's to which it is bypoid. See, An journally Long, a flately fills, an Ecology Wait, for Epithers, are Endones of mights Uc and Conveniency that the Long Language of the Endonesia of Superior Conference on the Head of Epithers; observing, that he frequently and the Long Language of the Head of Epithers; observing, that he frequently all, no high our his Mendarray, and that he coughs create the Convenience of the Conference of

The Word is form'd of end, upon, and 3 me, positio, putting. EFITHET, is also used for a Sur-name, or second Ap-

pellation. See Sun-Name,

Epithers, were auticutly beflow'd very frankly, either on
Account of any Defects of the Body or Mind. Account of any Defects of the Body, or Mind: The Kings themselves, were not exempted from them. Hence, those Epithess to frequent in History; as Henry Long-Bonks, Edward Iron-fides, Richard Crost-back, Join hanks, Lock-land, &cc.

Lock-land, &c.

Nor have the French wied their Kings any better;

Nor have the French wied their Kings any better;

Winefs their Charles the fimple, Louis the lawy, famount,

Ludovicus mihit faciens; Pepin the foort; Louis the

Stammerry, & Begue.

Stammerer, to Eigene.

EPITHYME, a Medicinal Plant, of a very extraordinary Nature and Figure. Its Seed is very finall, from which artfe long Threads like Halts, which from perific, as well as the Root, unless they mere with form neighbouring Plant, both to fufficin and feed them.

The E tilbyme grows ind therently on all Kinds of Herbs; and, of Confequence, the Kinds thereof are infinite: To which Writers u ually attribute the particular Virtues of the

which Writers wouldy attribute the particular Varues of the Plains they grow on.

The most known of thefe Plants, and those most used in Medichic, as fush as grow on Thyme; which are the proper Egithymet; and those on Flux. There are two Knads in the Shopa; the one from France, the other from Cantain: They have both an Aromanic Tall; but that of France the stronged. Their Use is to strength n the Pats, and prevent Ob-

firstions of the Vi cera, Ge.
EPITOME, an Abudgment, or Redu tion, of the prin-

cipal Matters of a larger Book, into a little Compafs, See Auripoment.
The Epitome of Beronini's Annals is done by Sponie:
Sermer has made an Epitome of the Philosophy of

Service has more or deficient against the Epitomizing of Tis a popular Objection against the Epitomizing of Aurhors, that it frequently occasions the Loss of the Originsis, and Aurhors, that it frequently for the Origins is ar-Thus the Lofs of the Hiltorian Trogus Pompens; tributed to his Epitemizer Juffin; and the Los great Part of Livy to Lu. Florus. and the Lois of a

The Word is Greek, immuch, form'd of immuner, refecare, to retrench, abridge, or cut off.

to retrench, shendige, or cut oft.

EFITTATUS, a Foot of the antient Latin Verfe, confilling of four Syllables. See Foor.

Grammarius reckon four Species of Epitrites: The

first compounded of an Jeanbus and Sponder, as Sallitustic.

The fixed of a Tracke and Sponder, as Sallitustic.

The third of a Sponder and an Jeanbus, as Committee.

And the fourth of a Sponder and Virology, as Intenset.

And the fourth of a Spander and Frenche, as leasant, EFTROPH, in Microsic, a Figure of Speech, by the EFTROPH, in Microsic, a Figure of Speech, by the EFTROPH, in Microsic, a Spander, and the spander thing which the medity as the character grant form-thing which the more fairly be granted what he requires, in his Turn. See Firenze. Let them could This Figure is frequently includent. Let them could when they propose him for a Pattern of Wir, my Splican is midd, 50;

is raised, O.C. EPITROPUS, a Kind of Judge, or rather Arbitrator, which the Greek Chriltians, under the Dominion of the Terks, dect, in the feveral Cities, to terminate the Differences that artic among them; and avoid carrying tambefore the Terksip Magniferates.

There are feveral Epitrop: in each City: Mont. Sfou, in his Travels, observes, that at dibers there are Egat, sken out of the feveral Parifhes, and call'd Vecebiardi.

But Athens is not the only Place where e. old Men. But Architelana Archipelago.

Some Latin Authors of the Vth Century, call Episropi, those who more anciently were call'd Villici, and since Vidames. See Vidames. The Greeks applied the Term In Times till called, the Greeks applied the Term

in times still earner, the Greeks applied the Term excepts, in the fame Sense as the Latins did Procura-tor, viz. for a Commissioner, or Intendant: Thus the Commissioners of Provisions in the Person Army, are Committoners or Provisions in the Perfusi Army, are call'd by Herodotus, and Xemophon, Epitropi; and in the New Teilament, 'Entrept's, is the Intendant of a House, render'd in the valuate Procurator.

render'd in the valgate Procurator.

EPLOYE, in Heraldry. An Engle Eploye, is what in
English we there usually call an Engle display'd, or
Spread Engle. See Display'd an Engle display'd, or
Spread Engle. See Display'd and Engle.

EPOCHA, or Ers, in Chronology, a Term, or fix'd
Point of Time, whence the Yeas are number'd, or accounted.

See VEAR The Word is form'd of the Greek, imply inhibition re-

The Word is found of the Greek, impg, unbilities, re-profile, of swapes to flightin, flog; by realton the Epocha defines, or limits a certain Space of Time. So Time. Very different Epoch, or Epacha's, obtain in different Nations; and no wooder: for there being no aftron-nical Confideration to render one preferable to another,

nical Confidention to reader one preferable to another.

That principally regarded among Colotiline, in the EjeThat principally regarded among Colotiline, in the Ejethat of the Mahomeson, the Hegire's that of the Colotiline, in the Colotiline, in the Colotiline of the World's that of the Another Colotiline, in the Colotiline of the World's that of the Another Colotiline, in the Colorador of the World's that of the Another Colorador of the World's that of the Another Colorador of the Pieches of Notice of Notice of the Colorador of Notice of Notice of the Colorador of the Colorador of Notice of the Colorador of Notice of the Colorador of Notice of the Colorador of the Colorador of Notice of the Colorador of the Colorado

The Debrites and Ut of Psycholes, he of very gent Ex-ter to Chronology, See Cansonous or the of a sorber, i.e. to find what terr of one, correlption to a given Inc. To refere the Years of one, Psycholes to a given Inc. i.e. to find what terr of one, correlption to a given Inc. common Recorder of the mile and the Application of the common Recorder of them in Include the Thinto Psychole. The Psychole Carrelption is the November of the November of the the Nort of the Psychol, whereon each Psychole commence, i.e. the Nort of the Psychol, whereon each Psychole commence, given Nort of one Epicols, to the Nort of the Psychole and the Nort of the Same Psychole Correlption to the Include the Nort of the Same Psychole Correlption of the psychole See [Nort Nort Psychole Nort of the Oster of the Oster of the Nort of the Nort of the Oster of the total Psychole See [Nort Nort Psychole Nort of the Oster of the Oster of the Oster of the Nort of the Nort of the Oster o

track the Year of the cambinder is the Year of that other Epocha. The Remainder is the Year of that other Epocha. See JULIAN PERIOD.

The Erocha of Chrift, or our Lord, is the custour's Nativi-Eggetta. See [FLIAN PLANON]. The Front of Geriff, or our Louis, in the cooling Figure theory and the Carly, or our Louis and the Carly of the Carly, or our Louis and the Carlo Anti-from his Chromothom, the 1 ft of Fronty, but particularly in English, from the Increasion, or Annocation Months prior to the Nativity. See NAVIVITA, Clarcus Carlos, ANAVENCIA TON, 125.

Now, the Exam Obstacling, the See Analysis, and Carly, our Carlos and Carlos and Carly, our Carlos and Car

2°. On the contrary, fubtracting 4713, from any given Year of the Julian Period, the Remainder is the current Year of Cherifs. e.gr. From the Year of the Julian Period 6438, fubtracting 4713, the Remainder is the Year of Christ

of Christ 1725.
In Effect, the Epochs of our Lord, ferres not only for the Computation of the Years clayfed fince the Epochs commenced; but even of those before it.

menced; but even or tonce secure it.

Now, to find the Year of the Julium Period, correfpooding to a given Year before (Drijf); fulbraich the given
Year from 4714; the Remainder is the contriposition
Year required. Thus, a gr. the Year people of the Julium Period. On the contrary,
fulbraiching the Year of the Julium Period from 4714, the
Remainder is the Year before Chrijf. 734.

Romainder is the Year before Christ.

The Aathen of the valpur Epicha, or Way of compating from Christ, is an Abbot of Rease, one Dissupplie
Engines, by Nation a Stythiers, who Somithid solor
Filliation, about the Year 501: The 'Dissupplies berrowed
the Hint from Pennederus a Green Meal. Till his
Time, the Generality of Christians compared their Torn,
the Christ at the Pacing of Rease, or according to
the Order of the Pacing of Rease, or according to
the Order of the Order of the Order of the Order
Ways in Ule with the People they lived among.

This Districts overdomics a cree to Districts the Newton

This Divertity occasioning a great Diffraction between

the Churches of the Ess and West; Dionyshus, to com-pose the same, first proposed a new Form of the Year, with a new general Era, which in a few Years Time was gene-rally admired.

rally admitted.

Discription began his Account from the Conception, or Incarnation, popularly call'd Lady-Day, or the Annuciation. Which Method fill obtains in the Dominions of Great Britain, and there only; fo that the Disniglian, and there only; fo that the Disniglian, and English Epocha, is the fame. In the other Countries of Europe, they prehan from the 18 of Tannara, excess and English Especies, is the fame. In the other Commiss of Europe, they exclon from the 1st of January; except in the Court of Rener, where the Especies of the Incarnation fill obtains for the Date of their Bulls. It must be added, that this Especies of Discoglish is, that charged with a Mittake: The common Opinion is, that

charged with a Münker, The common Opinion in, that it places are Sterier's Nartity a Ferr on large of, that he was born the Winter preceding the Time perfectled by Thoughing for this accession.

Day, we Truth is, the Falls lits on Rel.e, who mission has been been and whole flamperatures. The perfectled by the second of the perfectled by the perfectled

The Year, therefore, which according to the vulga-The Year, therefore, which according to the vulga-pools is the 1\(\text{f Year of Chrift}_2\) according to Disnyfini's \(\text{Eea}_1\), is the 2\(d. \) So that the preferr Year, which we call \(\text{12.5}\), then \(\delta_1\) in \(\text{Jillice}_2\) be \(\text{13.6}\). The 'force Chronolo-\(\text{gift}_3\), infleed of one Year, will have the Error even

giffs, infleed of one Year, will have the Error two. To this volgar Ers, as a fure, fir'd Point, Chronologors ufe to reduce all the other Epacha's, the there is not one of 'em but what is constrovered: So much Unsect tainty there is in Time. We shall exhibit 'em as reduced to the Tulian Period.

to the fallien Period.

From a file Cornation, or Orbit conditi, according to the Computation of the Period, callful allo the frontial period, in the Computation of the Tailune Period, systematic systems, and the Tailune Period, the tree Day of Oldeber.

How, fabronizing as x turn from any fiver text of the Falline Period, the Remainder is the Yar of the properties of the Tailune Period, the Remainder is the Yar of the Period Period, the Remainder is the Yar of the Period Yar being the day file Yar of the Tailune Period, it is the spikes Year of the Falline Period, it is the spikes Year of the Falline Period, or fince the Control of the World.

Cast the dights black in the printing factors, or note the Cast State of the Creation, and by the Greek The Erecus of the Creation, and by the Greek Ellindens, in the Tare before the Yaline Frend 1971. The Erecus of the Creation and the Cast State of the State Frend 1972; the Sam given Year of the State Frend 1972; the Sam given Year of the State Frend 1972; the Sam given Year of the State Frend 1972; the Sam given Year of the State Frend 1972; the Sam given Year of the Year of the

Indiction, which the rers and Diploma's.

rers and Diploma's.

The Epochs of the Creation used by the later Greeks, and Raylians, is the Xear 795, before the Julian Period's or the Year 5559 before Christ's commencing from the 15 Day of September. The 'other Russians, having lately admitted the Justicas Calendar, begin their Xear from the

The state of the contraction of the Cardina Paris, have yet of Spranger.

Hence, adding 195, to the Tear of the Spaline Period, the Sun given the Tear of the Daller, Than, e.g., Hence, adding 195, to the Tear of the Daller, Than, e.g., period Tear of this Epoche, i. b. the Year from the Corotion, or this Footing, e.g. 7215, Again, from the period. Tear 1915, lebending 1950 in Remainder is the This Enew and in by the Empoone of the Epol, in their Diplemans, Ge. And themce also called the Circle Enew State Conference on the Cardina Conference on the Epole of the Corollary of Conference of the Conference of Confere

Sec Parion.

The Mexandrian EPOCHA of the Creation, is the Year 780, before the Julian Period; answering to the Year before Christ 5494; and commencing on the 29th Day of

Hence, adding 5493, to the prefent Year of Christ 1725; the Sum, 7218, gives the prefent Year of this Escaba; or Years elapsed since the Counting, according to this Computation.

This Epocha was first concerted by Panadorus, a Monk of Egypt, to facilitate the Computation of Easter; whence, fome call it, Greek Ecclesiafreal Epocha,

The Explain Everns of the Creation, is the Year

The Displain with the Problem of the Creation, is the Year

the Palain Period 44%, antifering to the Year believe

the Palain Period 44%, antifering to the Year believe

There, faboralling 64, from the Palain Period of the The Explain was not confined to any precise Year 44% or adding 42% to the prefers Year of Year or Kind of Verfax, as the Strophe and Antiffraphe were.

of CPFf, the Rechts 155, is the prefers Year of the Son Years 15.

This Etocha is used in Eulebins's Chronicon, and the

This Essens is etcl in Engineer Coronicon, and the Roman Martyclogy. See Calexicos.

Erocha of Oppostada, is the Year of the Salian Period 2928: anivering to the Year 176, before Christ and the Year 298; from the Creation; commencing at the Full Moon next the Summer Solflice. And each Opposite Containing four Years.

containing four Years.

This Epochs is very famous in ancient Hilbery: It was ufed principally by the Greeks, and had its Origin from the Osympic Games, which were celebrated at the Beginning of every fifth Year. See OLYMPIAD.

EFOCH A of the Building of Rome, or Urbis condite, U.C. is the Year of the Julian Period 396x, according

U.C. is the Year of the Tylines Period 594s, according to Verrors or 595s, according to the Epil Cephinist's arboving on the Year Model Cephi Tyline 715s, and the Epil Cephinist's American Cephinist Cephinist's Cephinist's

This Era takes its Denominant from its Inflituter,
Nabonaffer King of Babylon; and is that afed by
Prolomy in his Aftronomical Observations, by Conference

and others.

and outers.

Diccleftan Efocha, or Efocha of Martyrs, is the Year of the Julian Period 4997, answering to the Year of Christ 285; calld Area of Martyrs from the great Number of Christians, who fuffer'd Martyrdom under the Reign of that Emperor.

Reign of that Emperer.

The Melpinani, among whom 'tis fill used in all Ecchinitical Computations, call is the Tours of Grace.

Tho' they don't reckon their Years in a continued Series from this Epochs. But when the Disnyfian Period of \$14 Years is expired, they begin their Computation affelh from 1, 2, &c.

Evacua of the Hegira, or Mahameran Evacua, is the Year of the Julian Period 3335, answering to the Year of Coriff 62s. It commences on the 16th of July, the Day of Mahamer's Flight from Micca to Medius. y and of origin 12. It considers on the in the 12 year, and the origin 12 is deal by the Tree's and Archiv, and can all who profits the Monomerar brids. It was first the Allocamera, Africagam, Albertageria, and by the Metacolations, in the Year of the Physics Production, and Section 12. Albertageria, or Perfus Excents, in the Year of the Albertageria, or Perfus Excents, in the Year of the Albertageria, and Albe

This Epocha had its Origin from the Year of the Reformation of the Calendar under Julius Cefar; call'd the

Reformation of the Calendar sinker Egistra, calls are Four of Configure. See Yaxa. Very Configure Principles of Configure of Configure Principles of the Spilitas Period 49th; and West French, in the Nice of the Typilitas Affaira, or Allies French, in the Nice of the Typilitas Commencing on the 19th Dyord Agenty. See Carties, Commencing on the 19th Dyord Agenty. See Carties of the Configure of the Children of the Carties of the Nice of the Nice

in 1453, Uc.

EPODE, in Poetry. In the Lyric Poetry of the Greekt,
the Epode is the third Part, or End of the Ode: Their
Ode, or Song, being divided into Ströphe, Antiffrophe,

and Epade. See One.

But when the Ode contain'd feveral Epodes, Strophes. Sc. they were all alike.

Sc. they were all alike.

As the Word Effect, then, properly fignifies the End of
the Song a and as in Oder, what they call'd the Effect,
finish'd the Singing: It became coultimanty, as M. Dusiery
flows, for a little Verfic, which being put after another,
closed the Period, and finish'd the Sente which been
fullpended in the first Verfic, to be call'd Effect, into Ger.

impensed in the first verte, to be call a Leposte, similar.

And hence it is, that the Vitib Book of Horace's Odes
is entitled Liber Epodem, Book of Epodes, by reason the
Verfes thereof are all alternately long and finer; and
that the short one, generally, the not always, close the

Senfe of the long one.

But the Signification of the Word is extended ftill But the Signification of the Word is extraded thill tritter; Epode being become a general Name for all Linds of little Verfex, that follow one or more great sen, of what Kind fover they be: And, in this Senfe, Pensameter is an Epode, after an Hexameter, which in Kinds Respect thereof is a Pro-ode.

EPOMIS, in Anatomy, the upper Part of the Shoulder, reaching up to the Neck. See Shoulder.

Some Authors apply the Word Exemis to the upper Part of the Os Humers: But the accient Greek Phylicians aly use it for the muscular, or steshy Part, placed as

rementioned.

The Word is Greek, 'Emple, which fignifies the fame

EPOPEA, Eros, in Poetry, is firidly the History, Action, or Fable, that makes the Subject of an Epic Poem. See Action and Fable.

In the common Ufe of the Word, however, Epopes is the fame with Epic Poem is felf: In which Senie it is rfined, a Difcourse invented with Art, or a Fable agree ably imitated from fome important Action; and related in Verfe, in a probable and furprizing Manner; with a View to form the Manners, &c. See Erre Poem. View to form the Minners, &c. The Word is derived from the Greek, ims, Carmen,

Verfe; and main, facts, I make.

EPULO, in Antiquity, a Minister of Sacrifice among

FPULIO, in American, and institute to document another Ransaut. See Sacraffee.

The Poetifices not being able to attend all the Sacrifices performed at Resus, to 6 many Gods as were adored by the People; appointed three Mindlers, whom they called Ejudoset, by ration they confert on 'en the Care and Management of the Epulas, Fealts in the foleman Games and Feftivals

Games and Fedivals.

To them belong it the ordering and ferving the facted
Banguet, offired on fach Octobes to Superior. They
were a Gown borderd with Purple, like the Pontifices.

Their Number was at length augmented from Three to
Serva, and alterwards by Celer to Ten.

Their first Effablishment was in the Year of Rome 518,

makes the Celestian of J. Entire Charter.

under the Confulste of L. Furius Purpures, and M.

Camin Merciliu.
FPULDTICKS, in Medicine, dry, aftringent Remedies, proper to cicatrine, or incarrant Wounds and Utern. See the Analysis, Caletaratery.
Such are Emplaines of Cerus, and Dispalms; the Ungerner Foundships, Gr.
The Word is found of the Greek, Ed., Spor, and ses, Cacarria, Elfelaw. Whence the Verb season, cicatrices,

EPULUM, in Antiquity, Banquet, a holy Feast pre-

ared for the Gods. See Frasr.
The Statues of the Gods were commonly laid upon a

"The Sattons of the Gods were commonly laid upon a Bed, and were fewered as if they had been very bangry, bed, and were fewered as they had been very bangry, so satisfact, better called Lipscheint. See Ervets.

EQU'ABLE Modison, in that whereby the movesible Body proceeds with the finese continued Victority neither EQU'ABL, a Term of Relation between two or more Things of the fame Magnitude, Quantity, or Quality, which is the control of the fame Magnitude, Dennity and Committee of the fame Magnitude, Dennity and Committee of the fame Magnitude, Dennity and Magnitude of the fame Magnitude of the Hopean scands Legislati to be those Innings which may be jubilisted for each other, without any Alteration of Quantity. The an Axiom in Geometry, that two Things which are Equal to the fame third, are Equal to coher. And again, if to, or from Equal, to add or determined the Acquails, the Remainders will be Legislat. See

EQUALITY. EQUAL Circles, in Geometry, are those whose Diameters

are Equal. See Circus.

Equal. Angles, are those whose Sides are inclined alike to each other; or that are measured by similar parts of their Circles. See Anone.

EOU [331] EOU

EQUAL Figures, are those whose Area's are Equal; whether the Figures be immlar or not. See Figures.

The Segments of a Sphere, or Circle, are of an Equal Concountry, or Conpenity, when they have the fame Ratio, or Pompartion to the Diameters of the Subtres, or Circles

or Proportion to the Diameters or the Opinette, or Circus whereof they are Parts. See Secusian.* Equal Solids, are those which comprehend, or contain each as much as other; or whole Solidities and Capacities are Equal. See Sociro.

e Equal. See SOUID.

EQUAL Hyperbola's, are those whose Ordinates to their determinate Axes, are Equal to each other; taken at lound Distances from their Vertices. See Hyperbola.

Equal Dithrices from their Vertices. See Hyperbola.

Equal Numbers See Numbers.

Equal Hours See Hours.

Equal Geometrical Ratio, are those whose least Terms are fimilar adaptor, or adaptator Parts of greater. Con D swro

James are minuse stochulo, se singuane reart or greene-gened drittenium Resiris, are those wherein the Difference of the two left Terms, in Equal to the Difference of the two genetes. See HAAVING, the Marchael Indicates of the time Difference in Opticks, we first, that Terms of the time Inserval, or the Magnitude, if ne supeally of their from the Eyrs, appear unequal. Equal Ohjebbs, and as Equal Difference, only the completed desirity, and the other obliquety, form unequal EQUALITY, in Alternoomy. The Grate of Equality, or the Equality, and in the Complete of the Equation, and the Complete of the Equation of the Equation of the Development of the Equation of the Equation of the other through the entire of the Equation of the Order through the entire of the Equation of the Order through the entire of the Equation of the Order through the entire of the Equation of the Equation of the Order through the entire of the Equation of the Equation of the Order through the entire of the Equation of the Equation of the Order through the entire of the Equation of the Equation of the order of the Equation of the Equation of the Equation of the order of the Equation of the Equation of the Equation of the order of the Equation of the Equation of the Equation of the order of the Equation of the Equation of the Equation of the entire of the Equation of the Equation of the Equation of the order of the Equation of the Equation of the Equation of the Equation of the entire of the Equation of the Equation of the Equation of the Equation of the entire of the Equation of the Equation of the Equation of the Equation of the entire of the Equation of the Equation of the Equation of the Equation of the entire of the Equation of the Equation of the Equation of the Equation of the entire of the Equation of the Equation of the Equation of the Equation of the entire of the Equation of the Equation of the Equation of the Equation of the entire of the Equation of the entire of the

duce them more estily to a Calculus. See Equant.

In Geometry, the Ratio, or Proportion of Equality,
that between two equal Numbers or Quantities.

In extension, the control of the con

equal in Letters, to render them equal.

Equality, in Algebra, is usually denoted by two parallel Lines, as =: Thus, z + z = 4, i.e. z Plus z, are

rallel Line, as =: Thus, z+z=a, i.e. z Phus, z, even to Cannelle was fifth introduced by Herise. The Certes, and Gene after him, in Lies thereof size 2cz. Thus, z+z=2c, is equal to be plus c. In this state of the memory, is equal to be plus c. In Equality, by changing one Little into another, whereby the two Memory in order to the control of the Equation, i.e. the two Quantities compared to the plus c. The plus c is the state of the Equation, i.e. the two Quantities compared to the control of the Equation, i.e. the two Quantities compared to the control of Equation c.

Equal.

Thus, in the Equation 22x = b cd; supposing x = bed as, we change x into bed as, and by this Subflitation arrive at the Equality bed = bed.

In the Solution of a Numerical Problem, to be ren-der'd rational; if there be only one Power to be equalif'd to a Square, or other higher Power; it is call'd fimple

When there are two Powers to be equalfid, each to a

When there are two Powers to be equalf'd, each to a Square, it is call'd double Equality, &c.

Tiopharms: has given us a Method for double Equalities, and Fa. Billy, another for triple Equalities, in his Diopharms and Redovirus.

EQUANT, or Equant, in Affronomy, a Circle, in gined by Affronomers, in the Plane of the Deferent, or

of the Plan for the regulating and adjusting of certain Morious See DEFERENT.

of the Planets. See DREARINY.
EQUATION, or ÆQUATIONS, in Algebra, an Experdition
of the fame Quantity, in two different, that is, diffimillar, but Equal Terms or Denominations. As when
we fay, a. 3 = 4 + a; that is, twice three is equal to
four and two. See QUANTITY.
Stifflins defines Equations to be the Ratio of Equality,

between two Quantities differently denominated: As when we say 3 Shill. = 36 Pence. Or 50 Shill. = 2 Lib. 10 Shill. = 600 Pence, = 2400 Farth. Or, b = d + e. Or, 12 = 2-P, &c.

Hence, the Reduction of two heterogeneous, or diffimiliar Quantities to the fame Value, i. e. to an Equality, is called the bringing them to an Equation.

The Character, or Sign of an Equation is an or con - C-interes

See CILARCYEM.
The Relobring of Problems, by Means of Equations, is the Badierá of Algebra. See Alcoina.
The Views of your Equation, as the feveral Quanticies, is the Relation of the Views of the Council of Council of the Council o

of Equations.

The Root of an Equation, is the Value of the unknown Quantity in the Equation. E. gr. if a' + b'

= x': the Root will be \(\sqrt{a'} + b' \). See Roots of

are divided with Regard to the Powers of Department are divided with Regard to the Powers of the unknown Quantities, into Simple, Spandarist, Cubic, Sc., A Simple Equatron, is that wherein the unknown Quantity is only of one Dimension, or the first Power, As, x = (a + b) : a. See Simple Equation.

As, x = (a + b): a. See Starte Equation.
A Quadratic Equations, is that wherein the unknown
Quantity is of two Dimensions, or the second Power,
As, x = a + b + b. See Quadratic and Equation.
A Cubic Equations, is that wherein the unknown
Quantity is of three Dimensions. As x = a + b + get.

See Curre Fauetion

If the unknown Quantity be of four Dimensions, as x⁶ = x⁶ - b⁶, the Equation is call'd a Biquadratic; if of 5, 2 Surdefalid, &c. See Power.

5. a Santiffalid, Sci. See Fowers.

Equations are confided the wo Ways: Either, as the
ultimast Conclutions we arrive at in the Solution of Problems; or as Mann, by the Hulp whereof, we arrive at
those final Solutions. See Societies and Problems
An E-gustine of the first Rind, confilis only of one unknown Quantity, internals'd with other known Quantities.

There of the latter Kind, confil of Fercal admission Quantities.

I note or the atter Kiral, commit or leveral namewin (Surviville), which are to be compared, and connected together, fill out of them all arise a new Equation, wherein the one unknown Quantity fought, is mix'd with the known. To get the Value of which unknown Quantity, the Equais generally turn'd, and transform'd various Ways, it be brought as low, and render'd as firmbe as +311

offible.
The Doftrine and Practice of Equations; that is, the slation of Queffices by Equations, confifts of several eps, or Parts, viz. v. The denominating of the several Solution of Quefficon by Equations, confifts of Several Steps, or Parts, viv. 1*. The denominating of the feveral Quantities, or experting them in proper Signs, or Sym-bols. 2*. The bringing the Quantities thus denoted to an Equation. 3*. The reducing that Equation to its lowest and fimpleff Terms. To which 4*. may be added the and fimpleff Terms. To which a^o, may be added the confirming of the Eguacion, or repretenting it in Geome-trical Lines: We proceed to each in its Order. With Regard to the βτβ a Quettion, or Problem, being propofed a we conceive the Thing Singht, or required, as

property of temperature and reading reages, of required, as already done: And accordingly note, or express it by one of the last Letters of the Vowels, as a, or more usually, by one of the last Letters the Alphabet, x y or z; noting the other known Quantities, by the Conforants, or the beginning Letters of the Alphabet, b, c, á, &c. See QUANTITY, CHARACTER, SPECTES, e, c, a, &c. Soc Quantity, Characters, Species, The Queffion being thus flated in Species; it is confider'd whether, or no, it be fubject to any Restrictions, i. e. whether it be determinate, or no; which is found by these Rules.

their Rule.

**1. If the Quantities Sought, or required, he more than the Number of Equations given, or contained in the Queffions it is indeterminate, and capable of innumerable Solutions. The Equations are found, if they be not expectly contained in the Problem it 861, by the Theorems of the

contain'd in the Problem it felf, by the Theorems of the Equality of Quantities.

a. If the Equations given, or contain'd in the Pro-blem, be just equal in Number with the unknown Quan-tities; the Question is determinate, or has one only

3°. If the anknown Quantities he fewer than the given Equations, the Question is yet more limited, and fome-times differers it self impossible, by some Contradiction between the Equations. See Dependent Are, 56.

To bring Questions to Equations. Now, to bring a Suption to Equations, that is, to bring the feveral moduse Equation, to one final one at the principal Thing to be attended to, is to express all the Conditions thereof, by so many Equations. In order the Conditions thereof, by fo many Fentation: In seder to which, it is to be confidered, whether the Prepositions, or Sentences, wherein it is expectfied, be all of them the to be noted in Algebraic Ferman, and the first mental of the sentence and makenen Quefficies, as far an Occasion requires: And thus the Defir of the Quefficies may be condited, as and

may call it, in the Algebraical Language. The Conditions thus trumlated to Algebraic Terms, will give as man Leguations as are preceding to foice it. To illustrate this To illustrate this Suppose it required to find three Nammy an initiance: Suppose it required to man tarter Numbers, in continual Proportion, whole Sum is 2c, and the Sum of the Squares 120; putting x, y, z, for the Names of the three Numbers Gought, the Quellion will be translated out of the Verbal to the Symbolical Experision,

. In Symbols. The Question in Words. Required three Numbers, on thefe

x, y, z? That they be continually pro-

x: v: v: z, or x z = yv Portional. That the Sum be zo. x+y+z=zo. And the Sum of their Squares 140. xx+y+z=140.

Thus, is the Question brought to these Equations, viz. Thus, is not Querton trought to these Equations, viz. $x_0 \times y_1 \cdot x_1 + y_1 \times y_2 \cdot x_0$, and $x \times + y_1 + z = 1$, by the Help whereof, $x_1 \cdot y_2 \cdot x_3 = 1$, $y_2 \cdot y_3 = 1$. The Solution of Quertions are, for the most Part, to much the more expedite and artificial, by how much the unknown Quantities, you have at first, are the fewer. Thus, in the Quertion proposed, putting x for the first Number, and yfor the fecond, YY will be the third Proportional; which being put for the third Number, bring the Question into

The Question in Words. Symbolically. There are fought three Numbers x, y, YY ? in continual Proportion. . -

Whose Sum is 20. - - - $x + y + \frac{yy}{2} = 20$ And the Sum of their Squares $x + yy + \frac{y^2}{x} = 140$. 140.

You have therefore the Equations x + y + y = 20,

and $x x + y y + \frac{y^4}{2} = 140$, by the Reduction whereof, and y are to be determined.

Take another Example: A Merchant increases his Effate annually by a third Pare, absting 100 L. which he figured year, in his Family; and after three Cears he finds his Elitate doubled. **Querry, What is he worth? To reforce this, it must be observed, that there are (or lie hid) feveral Propositions, which are all thus found out and laid.

In Puzlit. Algebraically.

A Merchant has an Effare. — #
Out of which the first
Year he expends 100% # — 100.

And augments the reft x - 100 + x - 100, or 4x - 400

And the second Year 4x - 400 - 100, or 5xbe expends 100 l. And augments the reft 4# And fo the third Year 16x - 2800 16x - 3700

he expends 100 L -And by the reft gains | 64-3700 + 16x-3700 | 64x-14800 And he becomes at 6+x-14800 = 2x. 27

Therefore the Question is brought to this Equation, $\frac{64\pi - 14800}{} = 1.8$, by the Reduction whereof you will find

27 s=1,800, s. V 70. Multiply it into 2 γ , and you have 64s-1,4800=56s, in fuhrant 54s, and there remains 10s-1,4800=0, or 10s s=1,4800; and dividing by 10 γ , you have s=1,480. So that the Value of his Efface at first was 1,480. L 46.

So that the Vaine or his Ellisse at first was 1500 LM.
It appears then, that to the Sciention of Questiness about Numbers, or the Recitions of abstract Quientines, there was no service to the property of the Common, time Allyshett Language; i. s. into Characters, proper to experie our deat's of the Relations of Quantifics. Indeed, it was forenines happen, the the Language wheetin the Questions is fared, may form the Language wheetin the Questions in fared, may form a few Altonovicous theorems, and surprise the property of the Allowski of the Common unit to be rendered into the Algobrascal 3 tho by making a few Alterations therein, and attending to the Senifer, rather than the Sound of the Words, the Translation becomes easy enough. The Difficulty here refults merely from the Difference of Idioms, which is as observable between most Languages, as between the common and fymbolical,

However, to render the Solution of fuch Problems a little more eafy and familiar, we shall add an Example or two

thereof.

2. Given, the Sum of two Numbers a, and the Difference of their Spanners b, so find the Numbers themselves, suppose the lefter, so the other will be a - so, and their Squares ss and as - 2 s + ss: Whose Difference a - 2 s + ss: Whose Difference a - 2 s + ss: a - 2 s + ss: b. Whence, by Reduction, a = b = a = x. Or $\frac{a = -1}{a}$

 $\left(=\frac{1}{2}a-\frac{b}{1}\right)=a$. E.er. Suppose the Sum of the Numbers, or a, to be S, and the Difference of their Squares, or b, 16: Then will,

 $\frac{1}{2} a - \frac{b}{2a} (= 4 - 1) = 3 = x. \text{ And } a - x = 5. \text{ There fore the Numbers are 3 and 5.}$

2°. To find three Quantities x, y, and x; the Sum of each Pair whereof it given. Suppose the Sum of the Pair x and y be a; that of x and x, b: and that of y and x, c. To determine the three Numbers required, x, y, and z_i to determine the tenere numbers required, m_i y and z_i we have three Equations $x + y = z_i$ $x + z = b_i$ and y + z = c: Now, to exterminate two of the unknown Quantities, c_i gr, y and x_i y take away x_i both from the first and second Equations; and we shall have y = a - x and z = b - x. Which Values being fluiditiated for y and z in the third Equation; there will arise a - x + b - x= c; and by Reduction $x = \frac{a + b - c}{c}$. Having found x

the former Equations, y = a - x and z = b - x will give v and z.

give y and z.

Thus, ϵ , ϵ , ϵ , if the Sum of the Pair x and y be 9; of x and a, 10; and of y and a, 15; Then, io the Values x, y, and z, write 9 for a, 10 for b, and z five c; and you that have a + b - c = 6; and confequently x ($= \frac{a + b - c}{c}$)

= 3, y (= a - x) = 6 and z (= b - x) = 7.

and there remains 4x = a - b - c - d or $x = \frac{2}{a}$

Suppole, e. gr. a Line of 20 Pert, to be divided into 4 Parts, in feels meaner, as that the Excels of the fectod above the first may be 2 Pert, of the third, 3 Pert, and of the South 7 Pert. Then the four Parts will be $x = \frac{a-b-c-d}{2}$ Or $\frac{20-a-3-7}{2} = 2$, x+b=4, x + c = 5, and x + d = 9. And after the fame Manner, may a Quantity be divided into a greater Number of Parts on the lame Conditions.

4°. A Perfon disposed to distribute a little Money among 4°. A Person dishesed to assert out a more force force for each of ear: He therefore given 'em Two Pence a-piece, and has Three Pence left: The Number of Reggars is each of the He Eurepers gives the acceptance of Heggars is required. Let the Number of Beggars be call'd x; and the Person wan Hight Person of giving lem all ga. Confequently he has ga = 8; out of which be gives a x-Penc; and the remaining Pence are g. That is x = 8 = g or

5. The Power or Strength of one Acent being given; to determine how many fach Acents will produce a given Effett a, in a given Time h. Suppose the Power of the Effect a, in a gross I muse b. Suppote the rewar or true
Agent facts, as that it may preduce the Effect c, in the
Time d; then, as the Time d, is to the Time b, fo is the
Effect c, which the Agent can produce in the Time b,
the ten produce in the Time b, which accordingly
the Effect is can produce in the Time b, will be $\frac{bc}{d}$ Then, as the Effect of one Agent $\frac{bc}{d}$ is to the joynt Effect of 'em ail a; fo is that one Agent, to all the Agents. Confequently the Number of Agents will be

Thus, c. gr. If z Clerk, or Writer, in 8 Days Time. transferle 13 Sheets; how many fach Clerks are required to transferle 457 Sheets; how many fach Clerks are required to transferle 457 Sheets in 9 Jones? 2017 44 For If 8 he fablitated for d, 15 for c, 405 for a, 184 John H. Number ad will hecome 455 x8. That is 3240 or 24-

5. The Powers of feveral Agents bring given; to de-termine the Time a, exhercin they will spynish perform a given Effelt d. Suppose the Powers of the Agent A, B, C, such as that in the Times e, f, g, they would pro-

EOU T 333] EOU

duce Effects a, b, c, respectively: And thefe, in the Time 1 x, would produce Effects 2x, bx, cx. Confequently 2x BC

 $+\frac{bx}{c}+\frac{cx}{a}=d$, and by Reduction $x=\frac{a}{b}$ 1 b c.

Suppose, s. gr. three Workmen cou'd finish a certain Work, on such and such Times, etc. A once in three Works, B thrice in eight Works, and C five Times in twelve Weeks: And it is required, in what Time they will finish it together? Here, the Powers of the Agents A, B, C, Weeks: And it is required, in what I me tasy was to it together? Here, the Powers of the Agents A, B, C, are fuch as in the Times 2, 8, and 12, respectively produce Efficies 1, 5, 5; and it is enquired in what Time they all produce the Effects 1. For 2, b, c, d, c, f, g, write 3, 35.5.

1, 3, 8, 12; and there will come out $x = \frac{1}{\frac{1}{2} + \frac{1}{2}} + \frac{1}{2}$ or $\frac{1}{2}$ of a Week, that is, 6 Days, 5 $\frac{1}{2}$ of an Hour; the Time they

will finish it in together

will faith it in neighbor. Or, Given the project Generative of a Moreover, and of σ^2 , Given, the project Generative of the freedom of the three project Generative the three thr

as 17; then will 10.3 (::e-b. a-c:: A. B) :: the as 173 then will 10.3 (::e-h. a-c:: A. B) :: the
Bulk of Gold in the Crown, to the Bulk of Silver: Or
190. 31 (:: 19 × 10. 10 f × 3 :: a × e -b. b × a -c) ::
The Weight of the Gold in the Crown, to the Weight of
the Silver, and azz. 3 :: the Weight of the Crown to the
Weight of Silver.

Weight of Silver.

To bring Geometrical Problems to Equations.

Geometrical Quefficors, or those relating to continued
Quantiles, are fometimes brought to Equations, after the
fame manner as Arithmetical cores. So that the 18 Rule
to be here preserved is, to observe every Thing directed for

the Solution of Numerical Problem

the Solution of Numerical Problems. Support of the Support Part, find the Support of the Support Part, find the Support of the Support Part, find the Support of the Su

But 'the very rare, that Geometrical Problems are thus brought to Equation; as being generally found to depend on various complex Politions, and Relations of Lines; for that, here, fome further Artifico, and certain fpecial Rules, will be required, to bring ten to Algebraic Terms. Indeed, 'this very difficult to prefer he are Thing precife in fach Caffer; Every Man's own Gentus thould be the Rule of his

Ciferi. Every Maris own Geniar should be the Rale of Its Proceeding.

The Procedure, the Rale beliaf to the percent, for the Side of Real as are subtites verified in fash Operations; and the Side of Real as are subtites verified in fash Operations; and the principally from Side I. Nevertee.

Obders then, s.* That Problems concerning Line subtem Obders then, s. That Problems concerning Line subtem Obders the Side Interest of Things fashion, which was the Side Interest of Interest

BC: BE, Or xx: b:: b: BE. Wherefore BE = bb and CE = 1 CD or 1 a. And, by reafon the Angle CEB is a right Angle, CEq + BEq = BCq, that is, $\frac{1}{4}$ a a + $\frac{1}{8}$ = b b. Which Equation being reduced, gives the Diameter required; x. Again,

If the Base be fought, I put A B = c, C D = x, and B C, or B D = b. Then, drawing A C, as the Triangles ABC and CRE are fimilar; AB: BC::BC::BC::BC. ABC and CBE are similar; AB; BC::BC:BE, or en or 1 - And finer the Apple CEB is right CEa 1

BEq = BCq; that is, $\frac{1}{5}xx + \frac{b^4}{5c} = bb$; an Equa-

tion, which reduced, gives the Bafis fought, x

Laffly, I fee Side BC, or BD, were fought, I pet AB me c; CD = a, and BC or BD = x. Then, drawing AC, the Triangles ABC, and CBE, being fimilar; we have AB; BC: BC: BC; BC; or c: x: x: BC. Wherefore, BE = Ex. And CE = 1 CD or 1 a; And the Angle CEB being right CEq + BEq = BCq. That is 1 22 + x = x x. An Equation, which by

Reduction, gives a required

Thus is the Calculus for arriving at the Equation, as well as the Equation it felf; the fame in all the Cales; except that the fame Lines are defigned by different Letexcept that the fame Lines are defigind by different Liters, according as they are Data, or @mellist. Indeed, at the Datas, or @mellist alliferent Liter Batter, or @mellist alliferent in the Reduction of the Equations found. But no Difference in the Equations it felf. So that we used make no Difference between given and fought Quantities, but are at Liberty to flate the Quellion with fish Datas and Emplifix, as we think mell favourable to the Solution of Pampling, as we think mell favourable to the Solution of the Question.

See Guille.

"A Problem, then, being reproficed, compare the Quantities is includes; and, without making any Difference between Them and Regular, confidence what Deposition of the wild and the second of the wild, by Composition, give the rial. In the doing of law wild, by composition, give the rial. In the doing of law wild, by the one form you have dependent of the contraction of the wild, by Composition, give the rial. In the doing of which, it is not needly now for the govern, that they change in the property of the contraction of the c

given, BC is required: It is evident at first Signs, that the Diameter AD, determines the Semi-circle; as alfo, that the Lines AB, and CD, by Inscription, determine the Points B and C, and consequently BC required, and that by a direct Connection. Yet does not it appear how B C by a deduced from the fame Data, by any analytical Cal-

** Having confider'd the feveral Manners, wherein the Terms of the Queffice may be explained and decompound-ed; shelf from of the fynitherin Methods; a silaming fome Lines as given, from which there is the most early Access, or Progression to the reft, and to which the Regrission is the most difficult. For, the the Calentian may be carried on divers Ways, yet must it begin with the Ed. Jane. And the Queffion is more readily folved, by supposing it to be of these Dasa, and fome Quefitms readily flowing from cm; than by confidering the Queftion as 'tis actually

respected. These, in the Example abready given, if from the reft of the Quantities given, it were required to find A Dx off of the Quantities given, it were required to find A Dx off of the Quantities given, it were required to find A Dx off of the Quantities, it is a direct Gonzellon from one Thing to others; I address A Da signer, and begin to compute as fif it was given indeed, and from of the other Quantities, with force that the property of the compute a difference of the Comparation from the Quantities allumed to the others, as the effections of the Lines to occur and the contract of the Comparation of the C made different Ways.

5". Having thus compar'd the Terms of the Question in general, there is further Thought and Address required, to find the perficular Coencelions, or Relations of the Lines, fit for Computation, For, what to a Perfor who does not for throughly confider them, may feem imme-diately, and by a very near Relation, connected together; when we come to express that Relation Algebraically, are often found to require a longer Circuit; and shall even obliga ourn bound to require a longer Circuit; and final even obliga-you to begin your Schemes a-new, and carry on your Compenstion Step by Step; as may appear by finding, BC, from AD, AB, and CD. For you are only to proceed by fach Propositions, or Enacciations, as can be fully reprefessed in Algebraic Terms, whereof there are Xx * ferent asife from Starl. Ant.19. Prop. 4. Book 6. and B.D. B.R. and C.E. as before y then C.D.+ C.B. gives been exp. Lib. L. Hen.

E.D. 2nd halling, D.B. and E.D. (or Rection of the rights of the rights) of the right of the ri To facilitate this Diffeovery, of the Relations of the Linus in the Figure, there are feveral Things that contribute; as first, the Addition and Satheraction of Lines; fance from the Values of the Parts, you may find the Values of the whole; or from the Value of the whole, and one of the Parts was read one of the Parts was read to the other than 200 for the Whole.

and one of the Parts, you may obtain the Value of the other Part. Scondly, by the Proportionality of Lines; fince, as above supposed, the Restangle of the mean Terms, divided by either of the Extremes, gives the Values of the other; or, which is the same Thing, if the Values of all four of the Proportionals are first had, we make an Equality (or the Proportionals are at the changes of the Extremes and Remains between the Reclangies of the Extremes and Means. But the Proportionality of Lines is belf found out by the Similiarity of Thingles; which, as it is known by the Equality of their Angles, the Analyti coght in part-tion of the Company of the by the Simillarity of Trisiople; which, as it is known by the Equation of their dipole, the Marijo cought in purely control to the politic of their dipole, as the Annie of their control of thei

es to accommodate their Theorems to the Solution of Publishm, the Schemes are of times to be farisher con-traction, the state of the state of the state of the product of the state of the state of the state of the Lines parallel, or perpendicular from force remarkable Points or by conjouring from remarkable Points; as also, conding as the State of the Publishm, and the Thousand, which are made use of the force is, final require. Also free Europhes, if it was Lines that do not more each Alfor Example, if it was Lines that do not more each

As for Example: It two Lines that do not meet each other, make given Angles, with a certain third Line; per-haps we produce them fo, that when they concur, or meet, they final form a Thingle, whole Angles, and con-foquently the Ratio of their Sides, fihall be given; or if any Angle is given, so be equal to any one, we ofsice con-plete it into a Triangle given in Specie, or finisher to form other, and that by producing forms of the Lines in the Scheme, or by drawing a Line subtending an Angle.

If the Triangle be an oblique-angled one, we often resolve
it into two right-angled ones, by letting fall a Perpendicular.

it into two right-supids one's by lixing fall a braymiciation. It the Philician communications of many finded program of the Philician communications of the Philipian communication of th

drawn up your Scheme; give Names to the Quantities that enter the Computation, (that is, from which affamed the Values of others are to be derived, till you famed the Values of the state of the Values of the Problem, and from accommodated before when so the Bailactie, and then accommodated before when the Bailactie, and then that Problem yet are more than what full be fairlicens for pure Party of the Values BD by no Letter, because it is the third Side of a right-angled Triangle ABD, and confequently its Value is was − as. Then if i by, BC = b, fince the Tinggles
DAB, and BCE are fimilar, and thence the Lines
DAB, and BCE are fimilar, and thence the Lines
via. The HC CE proportional, to three whereof,
via. to AD, AB, and BC, there are already Names
given; for that Reason I leave the fourth CE without a Name, and in its Room I make use of ab discover'd from the foregoing Proportionality. And fo if D C be called c, I give no name to D E, because from its Parts D C, and C.E., or e and $\frac{ab}{a}$, its Value c $+\frac{ab}{a}$ comes out.

CB, or c and $\frac{\pi}{2}$, for Value $c + \frac{1}{12}$ comes out.

8. By this Time, the Problem is aboned raduced to an Equation. For after the afterdaid Letturs are fee down for the Species of the principal Lices, there remains moving elle to be dose, but that out of those Species, the Values of ether Litera he made out, according to a previous relative than he made out, according to a previous relative than he made out, according to a previous relative than he made out, according to a previous or a Equations, And there is noutline writing in this BC is all BD E, I can bring out a 8 by New 200 and BD E, I can bring out a 8 by New 200 and 10 by 10 can be supported as 1 by New 200 and 10 by 10 can bring out or a 8 by New 200 and 10 can be supported as 1 by New 20 BE, viz. BCq - CEq (or bb - $\frac{a \cdot b \cdot b}{a \cdot a}$) = BEq; as also BDq - DEq (or xx - a a - cc - a a bc $-\frac{a + b \cdot b}{a \cdot x}$ = B E q. And hence (blotting out on both

Sides $\frac{a \cdot b \cdot b}{a \cdot x}$ you finall have the Equation $b \cdot b = x \cdot x$ a a - c c - 2 a b c, which being reduced, becomes x' == bbx+22bc, as before.

+cc pt the Generary of Curve Lieux. We did to de-grave them, citizen y araching having the host fixed for the Lieux, or by uting Elemann and the host fixed of right Lieux, or by uting Elemann indefinitely expec-tage to the Relation of right Lieux difficient incident and the Lieux and the Lieux and colling at the Curve Linex. See Curve received Lieux, and colling at the Curve Linex See Curve Textual Lieux, and colling at the Curve Linex. See Curve Textual Lieux, and the Curve Linex and the Lieux and Lieux and Lieux and Lieux and Lieux lieux and Lieux and Lieux and Lieux and Lieux and Lieux Curve Linex, definited by Kr, the vertical Point of the See Lieux and Lieux an Square AK, 5, whereof one Log AK, firely Bilds show the Point A given in Portion, while the cher K ye of a determinant Longth is carried along the right Line AD, all on given is Polithon; and it is required to find the Polist C, in which any right Line CD, given alfo in Polisto, while ce this Carre. Draw the right Line AC, CR, which may reporter the Square in the Pol-Difference, we have been always to the con-pulsation of the contract of the con-traction of the contract of the con-pulsation of the contract of the con-traction of the contract of the con-traction of the contract of the con-traction of the ches was one C in all any of the "Demonders of the ches was one C is and any of Religion and to the Curvey being collimations, you pressure the Dependency of the others upon C F, and any of thefe four, www. B C, B F, A F, and A C, to be fynite-tical; two whereof you affume, as C F = a, and C B as x 3 and Beginning the Computation from thence, you presently obtain BF = Vaa-xx, and AB = ## by Renfou of the right Angle CBF; and yas—ss that the Lines BF, BC:: BC, AB are continual Proportionals. Moreover, from the given Position of CD, AD is given, which therefore call b, there is alfo given the Ratio of BC to BD, which suppose as d to e, and you have $BD = \frac{cs}{d}$, and $AB = b - \frac{cs}{d}$.

Therefore $b = \frac{e \pi}{d} = \frac{\pi \pi}{\sqrt{\pi \chi - \pi \pi}}$ an Equation which (by

fquaring

EOU

fourting its Parts, and poultiplying by a a - xx) will be

iquaring its Parts, an reduced to this form.

2 b d e x + - b b dd

2 x - 2 z z b d e x + a z c e x x - 2 z z b d e x + a z b b dd.

Whence, Infly, from the given Quantities a, b, d, and c ş may be found by Rulin given hereofrey; and at that Interval, or Dilates or or EQ = with Line decur-pantition of the control of the control of the II, Indicated of Geometrical Descriptions, we are Equations to denote the Curve Lines by y, the Computations will thereby become as much fluster and enfor, as the guided Interval to the control of the control of the con-putation of the control of the control of the con-putation of the control of the con-later (Line C. D. given Pointion, foughts: To denote the Ellijfa, the Gene Liness Z-putates reports of the as r = r = r = yy, where x is indefinitely put for any

as $t = -\frac{\pi}{L} \times x = y_0$, where x is indefinitely up for any part of the Asia Ab, c. AB, and y for the Perpushicular b, c. or BC, terminated at the Curve, and r and q are given from the gives Species of the Elliphic therefore CD is given in Polatica, AD will be also therefore CD is given in Polatica, AD will be also for the CD in th

equal to rx - r xx. And thence by Reduction there will arise $xx = \frac{2 \times 3 \times 3 \times 7 \times 7 \times 7 \times 7 \times 7}{3 \times 3 \times 3 \times 7}$ or $x = \frac{1}{3 \times 3 \times 7}$

acc+tr+cvar+tr-nard, Add, that the's

cc + i Curve be denominated by a Geometrical Deferipcion, or by a Scélion of a Solid, yet thence an *Eguation* may be obtained, which shall define the Narauer of the Garre, and conficiently all the Difficulties of Problems proposed about it, may be reduced hither. Thus, in the former Example, if AB be called a, and BG, y, the third Proportional BF will be yy, whose Square, together with T² + yy = aa₃ or y² + xxyy = aaxx. And this axx Equation, by which every Point C, of the Curve A K C, agreeing or corresponding to any Length of the Bale (and confequently the Curve it fell) is defined; and m whence confequently you may obtain the Solutions

Problems proposed concerning this Curve.

After the fame Manner almost, when a Curve is not given

After the finis Manner throst, when a Cayve is not given in Specie, but proposed to be determined, you may being an Espatient at Vectore, that may contain its goestal Nistantian to the form of the Manupoten was form Way arrive at Espatient, by which the Affinity-from may be determined. What remains the Affinity-from may be determined. What remains the Affinity-from the lowest and disrepend terms, the better to come at the Value of the unknown Quantity in the Equation 3 and their Geometrical Constitution of the Affinity of the Geometrial Constitution of the Affinity of the Geometrial Constitution of the Affinity of the Geometrial Constitution of the Affinity of t

For the Reduction of Equations, See REDUCTION

For the Resultion of Equations. See Ex-Extradion of the Roots of Equations. See Ex-Traction of the Roots of Equation. Confiredion of Equations. See Construction of

Confrontièm of Equations. See Constructions of Equations.

7 Time, in Althours, the Difference between mean and apparent Time; or the Reduction of the apparent morquial Time, or Morton of the San, or Equaths and mean Time or Morton. See Plance, no Equaths and mean Time or Morton. See Plance, to man time of the Morton of the San, or Time is only monaftered by Mortons, and as Time, in it foll, flows ever equally; so meafawe it, face ha Morton unit be suffer as in equath, or which always proceed at and the suffer of the sufference of the suf

mult be uted as a copasson, who time Rate.

The Motion of the Sun, is what is commonly used for this Purpole; as the most cify to be observed: Yet is wants the great Qualification of a Chronometer. In Effect, the Afteromers find that the Sun's apparent Motion is no Ways equal: That he now and then sinckens has no Ways equal: That he now and then sinckens has a configurately applied to the property of the state of the no Ways equal: That he now and then Backens his place, and afterwards quickens it again. Cenfequently equal Time cannot be measured thereby. See Sun. Hence, the Time which the San's Motion flows, call'd the objected Time, becomes different from the true and equal to Time, wherels all the Celeital Motions are to be

the apparent Time, becomes different from the true and the whole Revo equible Time, wherein all the Celeiliai Motions are to be viding the whole elimated, and accounted. This linequality of Time is thus accounted for: The this Reduction Natural, or Solar Day is measured, not, properly, by one matural Days.

catine Revolution of the Equinocitial, or 24 Equinocitial Hours, but by the Time which peffec while the Plane of a Meridian pating that the Course of the Sun, does, by the Earth's Convertion round its Axis, return again to the Sun's Centres: Which is the Time between one Mid-day and the next. See DAY and MERIDIAN.

Now, had the Earth no other Motion but that round

Now, had the Earth no other Motion but that round in Aring all the Days would be precifyed years to each other, and to the Time of the Revolution of the Equinocitiat. But the Colie is otherwise for while the Earth is turning round its Aris, it is likewife proceeding boward in its Orbits. So that when a Meridian has completed a whole Revolution from the Sun's Centre, its Plane has now early early early earth of the Sun's Centre again: a Me will appear

whole Revolution from the Surk Corm, in Plazic has one yet narried at the Surk Corms again. As will appread a record of the Surk Corns again. As will appread Let the Sun he St. ("Inh. Represent Fig. yes) and let A Be to Person of the Editing L. Let the Line M.D. represent the Corns when the Earth his in A. Let the Earth proceed in 100 Orbit, and in multiga one Revolution commod in Arise Sun when the Earth his in A. Let the Earth proceed with the Sun he have the Forders and the Forders and

consequences assessed us to 6 weather it to be remained to when the remaining of the finne Quantity, and which lively, in the sales of the finne Quantity, and the finne Quantity, and the finne Quantity, and the finne of the first, we conflict our appears Maries of the Sun in lice thereofy as bring what we mention "The belower, the the Day not only the first of the Sun Musica, performed in that Time. For when then Day and the sun that the sun for the Sun Musica, performed in that Time. For when then Day are day to the sun that Day it is not yet Nong it to Sun no being now at the Day, it is not yet Nong it to Sun no being now at the

the Maridian yelienday at Noon, is come thicker agello to Duy it is an eye Nool, who has one of the Nool Duy it is an eye Nool, who has one forward exer a Engineeria Horn in you as double footness of the Nool Engineeria Horn is you as double footness may not perfectly a superior of the Nool Control Engineeria perfectly and the Leighte in one Duy's the greater standards of the Leighte in one Duy's the greater and Arth of the Leighte in one Duy's the greater of Discoulery; and loffer source the Apopusus, which is about the models of Time. Most way more quality in the Ediptic, yet qualit Arches of the Ediptic do not in all Perso of the Zoldas, solwer to equal Arches of the fone Peris chercel, as the two Solitical Points, its neares on a parallel Points no the Equinoidial than others, e.g., the Arches of the Control Ediptic of the Control Ediptic, solwer to exclude the other of the Ediptic Solitical Points, afternoon to a parallel Points on the Equinoidial than others, e.g., the Arches of the Ediptic Solitical Points, afternoon to the Control California was a Solitical Points, afternoon to the Control Ediptics, were the Solitical Points, afternoon to define Ediptics, were the Solitical Points, afternoon to desire the Ediptics, were the Solitical Points, afternoon to define Ediptics, were the Solitical Points, afternoon to desire the Ediptics and the Solitical Points, afternoon to desire the Ediptics and the Solitical Points, afternoon to the Ediptics and the Solitical Points, afternoon to the Ediptics and the Solitical Points, afternoon to the Solitical Points, afternoon to the Ediptics and the Solitical Points, afternoon to the Solitical Points afternoon to the Ediptics and the Solitical Points afternoon to the So Whereupon an Arch Points, answers to a and requinoctial interfect. Whereupon an Arch of the Ecliptic, near the Solfittial Points, answers to a greater Arch of the Equinoctial, than an Arch equal thereto near the Equinoctial Point

near the Equinocitial Points.
The apparent Motion of the Sun to the East, thun, being unequal, the netural and apparent Days are easily ways proper no he applied to measure the Coefelial Motions, which have no Dependence on that of the Sun.
And hence Adrenoment have been obliged or other Days for the Ule of their Calculations. I not other other Days for the Ule of their Calculations. I not other are equal; and a mean between the finestic all longest of

unequal ones.

These are had by confidering the Number of Hours in

I note are had by confidering the Numer in Floris in the whole Revolution of the Sun in the Ediptic, and di-viding the whole Time into as many Equal Parts as there are Hours, 24 of which conflitute the Day: And this Reduction of the Days confittates the Equation of

it correspond with the Times mark'd in the Astronomical Tables.

As we don't knew of any Body in Nature that moves equably; yet fuch a Motion is alone proper to measure equal Days and Hours: It has been thought fit to imagine equal Days and Hours: it has been mought at or unsigne from Eody, e.g.r. a Star, moving in the Equatore, East-ward; and never quickening, or linkening, its Pace, but going thro'the Equatore, in precisely the fame Time, as the San finishes his Period in the Ecliptic. The Motion of fuch a Star will represent equal Times, at and just diarnal Motion in the Equatore, will be 59'8';

and its diurnal Motion in the Equators, will be 59 8°5, the fame as the mean, or equated Motion of the San in the Ecliptic. Confequently, the mean or equable Day, is determined by the Arrival of this Star at the Menchans, and is equal to the Time wherein the whole Chramoference of the Equators, or 50°, past the Medidans, and 59° 8° more. Which Addition of 59° 8° remaining always the fame, the mean or equated Days will be contained.

fame, there become a quantity failured in the freed singles unequally Eaftwards with refpect to the Equators; it will fomenines arrive at the Meridian foener than this imaginary Star, and fometimes later:

The Difference is the Difference between true and apparatus which betterpress is known by having the Place of the Control of the C eror Time: Which Difference is known by having the Picce of the Integliant's Sear in the Zoparary, and the Picket of the Integliant's Sear in the Zoparary, and the Picket of For the Arch Intercepted between tm, being converted iran Time, these the Difference between equal and apparant Time; which, as before, it called the Zoparary of Time; which, as before, it called the Zoparary intercepted be-tween the Picin determining the right Affection of the Sear, and the Picket of the integring Star, patter the Mis-deline and the Picket Search of the Company Star, patter the Mis-

ridian: Or, as Tjobo, and, after him, Street, flate it, the Difference between the Sun's true Longitude, and his right Afcention.

Confequently, comparing those Mericas according to the To Equator Dater Days, that is, is convert apparent into equal Time, it is receiver a form that Time back again into a parent Time, that they may corrected to Others—to the context, say Phenomena being oldered, Moden, the implanty and true Son will yell the Meridian to equator the apparent. Time interest must be able to be a first a first the superior. Time interest must be able to be a first that the superior Time interest must be able to be a first a first a first that the superior Time interest must be able to the superior Time in the superior Time 1º It the Sun's right Alcention be equal to his mean Motion, the imaginary and true Sun will past be Meridian at the fame Time. Confequently, the true coincides with the apparent Time.
2º If the right Aftenfion be greater than the mean

as." If the right Aftendion be greater than the mean Memica, failurant fails be interest some times and utually medica, failurant fails be interested as the interest and transparent Time, to find the mean Times to right it to the argument. Time, to find the apparent.

3°, Lathly, if the right Aftendion is left than the mean state of the right aftendion is the dark of the mean to find the solder Time, other dark it to the apparent Time, to find the mean Time; or faborall it from the mean to find the apparent Time, to find the mean Time; or faborall it from the programmer, to find it is the fail to the apparent Time, to find the mean time is the father time be recorded belowing, the Committee on the fail to the control of the fail to the fail of the fail to the fail to the fail of the fail to the fail to the fail of the fail to the fail of the fail of the fail to the fail of the fail tations, hat also in the adjusting and directing of Clocks, Watches, and other Time Keepers: Hence we see, why a Pendulum, or other Movement, which measures equal Time, does not keep Pace with the Sun, which measures apparent Time; but is fometimes before, and fometimes

and DIAL The Variations of the two Kinds of Time, are exhibited in the following Table, for every Day throughout the Year. "Tis borrowed from Mr. Flamified; one Part of whose Praise it is, that he was the first who fully demonthread and clear'd this Inequality of Natural Days. The others, and even Pistony, that a partial Notion of it. The Ut of the Table is obvious: A Cock, or Witsch many Minness and Seconds finite or flower than a Sun-bia, as is stiliged in the Table, for the refreshive Days Or, if you would have it go by the San-Dial, it is guiss or lofes each Day the Nomber of Minness and Seconds in the Table. sonftrated and clear'd this Inequality of Natural Days:

Dials, are found almost perpetually at Variance, See Crock

A Table of the Equation of Natural Days, with the Regulation of a Movement by the fame.

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	1 5			1.4	45	9	34	0	1		11		3.9	4	58	4	10			28			15	06	4	44
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tr.	T.				62	5	19	2	7 4	3	29	2 7	18	5	45	0	57	9		14		48		30	2	11
11	1	80 80	45	12	50	5	00	2	ε,	3	22	2 8	30	5	44		40	.9		33		52		09	2	40
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24	1.		0.4		25	4	22			3 3	07	2 5	54	5	40		e 05			11	_	58		25	3	38
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	I.		19	11	58	3	44				49			5	35	0		10		48		OI	9	58	4	35
	L		25	II	43	3	25	3	Sta 5		40	3.9	27	5	51	0	50			06		01	8	14	5	3
	I.		51	11	12		07	13	2 4		30 20	3 .	58	1 2	27		28	11		24		90 98	8	49	5	30
	I.					-	49	13.	4	1-	_	2	49	2			_	_	_	41			-		,_	37
	11			10	57	2	31	3	5		10	3	59	5	16		48 08			58		56	7	58	6	24
12	I.	+	43	10	41	î	13	13		5 2 0 I	49	4	09 18	5	10			12		14		53	7	52	0	50
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	Į,		49			1	0.4	1		TI	15	7	,,,	4	39	3	28	1			15	51		-	8	20

Equation of the Centre, call'd also Proflathershi, and total Proflathershi; is the Difference between the tree and mean Place or Motion of a Plane; or the Angle made by the Lines of the tree and mean Place or Motion; or, which amounts to the fame, between the mean ton; or, which amounts to the fame, between the mean and equated Anomaly. See Prosynamatists.

The Motions of the Sun and Moon, are affected with various Inequalities; whence arifes a Necessity of fo many

various Inequalities; whence arifes a Neccinity of to many Equations. See Moon, Se.

From these Inequalities, the Moon's Place became ex-ceeding difficult to be determined; to remove which Dif-ficulty, is the great Defign of Sir Ifaac Newton's new-

EOU EOU 1 227 1

Theory of the Moon; wherein we are furnish'd with

depends on the Eccentricity of the Earth's Urbit round the Sun, which is 16 ½ of fresh Parts, whereof the Earth's mean Diffance from the Sun is 1000; Whence its Den-mination of Equation of the Centre. This, when getacth, is 1 Deg. 50° 10°. The greatest distants Equation of the Monits mean Motion is 11' 49": That of her Afragee 20':

Monit name Motion is 1' og': That of her Apogee ac': And of her Nobel of sol'.

Which four Annual Equations are always musually proportional one to another: Wherefore, when any of these is at the greated, the other three will also be greated; and whon any one Before, the other three will also be diminished in the fame Ratio.

diminified in the fame Ratio.

The Annual Equation of the Sun's Centre being given, the three other corresponding Annual Equations will be also given; and therefore a Table of that will fere for all. For if the Annual Equation of the Sun's Centre be retken from thence, for any Time, and be called P, and it is

all, der in the Annual Legation of the Sault Values by the P (Tith, differency Fig. 1), a $(Q, -\frac{1}{2}, Q = \frac{1}{8}, Q = \frac{1}{8}, A) = 1$, $D - \frac{1}{8}$, $D = \frac{1}{8}$, $D = \frac{1}{8}$, $D - \frac{1}{8}$, $D = \frac{1}{8}$, $D - \frac{1}{8}$, $D = \frac{1}{8}$, $D - \frac{1}{8}$, in the Quadratures, or Sysygies. This Equation, when greateft, and the San in Hergaeg, is a Min, 56 Seconds. But if the San be a Magnes, it will never be show the summer of the Hergaeg, in the summer of the Barth, this Equation, when permettly is exposedly as the Cube of Rich Diffance. But when the Moon's Apopte is any where but in the Ochsar, this Equation grows left, and is motify at the fame Diffance between the Earth and Sun, as the Size of the Moon's Sun, as the Size of the double Dilinee of the Moost, Apope, from the next Quadrature or Syvayy, to the Radius. Apope, from the next Quadrature or Syvayy, to the Apope, pattern of the Apope moves from a Quadrature with the Apope moves from the Syvayy to the Quadrature, with the Apope moves from the Syvayy to the Quadrature, Apope Market Apope moves from the Syvayy to the Quadrature, Apope the Apope moves from the Apope moves from the Apope moves from the Apope moves from the Apope Market Apope the Apope the

when her Rodes are in Crants to the Sun, and wannifres quite, when they come to their Quaderatures or Sysygies. This Equation is proportional to the Sinc of the double Diffance of the Node from the next Sysygy, or Quadra-tures and at present is but at Scenaria. This must be

Dillance of the Node from the next Syrays, or Quadra-mer; and at greated, is beta; Socieda. This must be added to the control of the social of the next season of the control of the social of the social of the distincts with him, but inflitted while they pell from the Quadratures to the Syraydis. From the Sur's true Place take the equated mean Motion of the Lance Apopte, as was above fixeded, the Remainder will be the Annual Argument of the fixed Remainder will be the Annual Argument of the Moss, and Apogee. From whence the Eccentricity of the Moss, and the Geond Faustion of her Annual may be compared.

the Jecomé Equation of her Apoque may be compared. EQUATOR, or ÆQUATOR, in Aftronomy, and Geography, a great moveable Circle of the Sphere, equally dillant from the two Poles of the World, or having the Same Poles with those of the World. See CIRCLE.

Such is the Circle D A, (Tab. Algronam, Fig. 52.) its

Such is the Circle D.A., (2.60. Approximen. Fig. 7:a.) The Polos being P and Q.:
It is call'd the Equasors, by Reason when the Sun is therein, the Days and Nights are Equas'; wherea also it is call'd the Equinosition'; and when drawn on Maryon, and Plansifiproxes, the Equinosities Lane, or simply the and Plansifiproxes, the Equinosities Lane, or simply the same property of the Polymer Company of the Polymer Co

and Planispheres, the Equinocities Line, or imply the Line. See Equinocrial.

Every Point of the E-matter is a Quadrant's Distriction the Poles of the World; whence it follows, that the E-matter divides the Sphere into two Hennispheres, in one of which is the Northern, and in the other Southern

one of which is the Noticerts, and so we Pole. See Hamsperser.

By the Piffige, or Trenfits of Arches of the Equator over the Meridian, in equal or mean Time is elimited: Hence we have frequent Occidion for the Convertion of Degrees of the Equators into Time; and, again, for the Re-convertion of Parts of Time into Parts of the Equators.

For Performance whereof, we fulloyin the following Table; wherein are exhited the Arches of the Equator, which park the Meridian in the Several Hours, Minutes, Ge. of Equator, or mean Time. See Equation of

Conversion of Parts of the Equator into Time, and vice verfa.												
Deg. of Equat.	Hours.	I	Hours.	Deg. of Equat.	Hour. Min.	Deg. of Equat.	ï					
Min.		II			Sec.		II					
Sec.	Ш	III			Third.		Ш					
Third.	III	IV			Fourth		iv					
1 3 4 5 10 15 30 60 90 180 360	0 0 0 0 0 0 1 2 4 6 12 24	4 8 12 16 20 40 0 0 0 0 0 0 0	1 2 3 4 5 6 9 12 15 18 21	25 30 45 60 75 90 235 880 225 270 315 360	1 2 3 4 5 6 10 20 30 40 50	0 0 1 1 1 2 5 7 70 12 15	15 30 45 0 15 30 30 0 30 0					

The US of the Table is obvious; fuppose, e.gr., it were cognized to turn 19° is 7° of the E-potent into were cognized to turn 19° is 7° of the E-potent into a second to the control of the E-potent into the E-po

EQUERY, or ECURY, a grand Stable, or Lodge for orfes, farmifild with all the Conveniencies thereof; as ralls, Manger, Rack, &c.

Hearth, water the control of the con

Starfer, & T. Gener, Herden.

Figurary, Figury, is align an Officer, who has the Circ and Munigement of the Hards of a Kine, or Prince, King of Francis Starfer, and the Circ and Munigement of the Hards of a Kine, or Prince, King of Francis Starfer, and the Constitution of the Constitution, and the Constitution of the Constitution of the Constitution of the Constitution of the Circle Starfer, and dispitation of all the variant Point herein Exercis, and dispitation of all the variant Point herein Technology of the Circle Starfer, and dispitation of the Constitution of the Constitut Harfes, of Equals, Harfe. Ecoper de Main, who not only directs the Ecorie, but also attends his Master in walking, U.c. call'd also Gentlemen-Ufficts, and Chevaliers & Honorours: Ecoper Trenchant, the King's Carver and Server: Ecoper Bouche, who ranges the Diffics and Plates on the Tables Ecoper de Carfine, &cc. EQUERIES. Bournies are particularly used among us, for Officers ascends or descends, but both retain their parallel Position of the King's Stables; who when his Majetty goes Abroad, to the Horizon. From which Circumstance the Word is ride in the leading Coach; are in Waiting one at a Time monthly, and have a Table with the Gentlemen Uffices du-ring the Time.

monnty, has been fing the Time.

They wild to tide on Herfe-back by the Coach-Side,
They wild to tide on Herfe-back by the Coach-Side,
when the King travelled; but that being more expensive
to them, than necessary to the Sovereign, it has been difcontinued. There are Six of them, and their Salary is

300 h. per Annum each

The Equeries of the Crown Stable have that diffind Appellation, as being imployed in managing and breaking the Saddle Horfes, and preparing them for the King's

Ritting.

One of them is, or always floudd be, in clofe Wairing at Court; and when his Majethy ricks, helds the Stierap, whilst the Mafter of the Herft, or one of the Egneries, in his abbrect, stiffs in mounting him; or when his Majethy ricks, they ufually attend him. They are two, and their Salary in 264. For Amunus cuts.

EQUES Auraens, is used to signific a Knight Batchelor a

CALLES AMPAIRS, Is used to Spatific a Knight Batcheler; call'd Amranis, because anciently none but Knights might of beautify their Armour, or other Habilinenss of War, with Gold. See KNIGHT.

However, in Low, this Term is not used; but infleed of it Allier; and Sometimes Chevatier. See MILES, CHIVALIES, SE.

EQUESTRIS, Equisyraian, a Term early used, but in the Phrase Equistrian Status, which fignifies a Status representing a Person mounted on Horseback. See Sya-

The Fortuna Equativis, in ancient Rosse, was a Statue of that Goddeis on Horfeback. We fometime also say, Equestrian Column. See Co-

And Equestrian Order, which fignified, among the Romans, the Order of Knights, or Equites. See

KNIOHT,
The Word is form'd of the Latin, Eques, Knight,
Horfeman; of Equus, Horfe.
EQUIANGULAR, or Equiatoular, in Geometry,
is applied to Figures whose Angles are all equal. See

A Square is an Equiangular Figure. See Square.
All equilateral Triangles are also Equiangular. S

Au equinereas Areages of one Triangle, are feverally When the three Angles of another Triangle; the Triangles are also faid to be Equinographics. See TRIANCE.

ungte um 416 field to be Eminegrafier. See Trit ameria. FQUICULUS, Eminelon, or Empirement FQUICULUS, Eminelon, or Empirement Fquite FQUICULUS, Eminelon, or Empirement Fquite Fq

EQUIDISTANT, or EQUIDISTANT, in Geometry, a Term of Relation between two Things, which are every where at an equal, or the fame, Diffance from each other.

Where at an espain, of the earth, Diracover, Experiment, See Distribution.

Thus parallel Lines are faid to be Equidificant, as they meither approach nor recorde.

Parallel Walls are Equidificant from each other. See PARALLE

EQUILATERAL, or EquilATERAL, is applied to any Thing whose Sides are all equal. Thus, an Equi-lateral Triangle, is that whose Sides are all of equal Length. In an Equilateral Triangle, all the Angles are likewife equal. So: TRIANGLE.

All regular Polygons, and regular Bodies, are Equilars-See Porygon.

An Equilateral Hyperbola, is that wherein the conjugate Axes, as A B, and D E, are equal (Tab. Conick's

compare new parameter is a 3.6 Proportional to the Hence, as the Parameter is a 3.6 Proportional to the conjugate Axes, it is also equal thereto. Confequently, in the Legation y' = b x + h x' : x, make $b = x_0$, and the Equation y' = x + x', defines the Nature of an Equilateral Hyperbole. See Hyperbole. The Equation $y' = x_0 + x_0$ and $x_0 = x_0 + x_0$.

Livers Hippelois. Sc. INFERRORA.

ROULLIBERUM, or Experiments, in Mechanich, solit, the Antonoral Lymins. Sc. Beythocytes

a Term impying an exalt Papaliny of World Horsen. Pairest.

Thus, we first a Blance is in Excellent Wisson.

Thus, we first a Blance is in Excellent Solit (Check who of Condepance, the Blance is the Condepance) who were first three whose of Condepance, the Blance is in Excellent Solit (Check who of Condepance, the Blance is in Excellent Solit (Check who of Condepance, the Blance is the Condepance).

originally taken; as being a Compound of equals, equal, and

Hibra, Balance.
Whence we frequently use the Word Balance in lieu

Whence we frequency aft the word Bassace in near thereof. So Balance.

The Equilibrium of Fluids makes a confiderable Part of the Debrine of Hydroflaticks. See Fluid.

The Term Equilibrium, is also infed figuratively on The Term Equilibrium, is also infed figuratively on other Occasions. A Painter must take Care to observe the

Equilibrium of his Figures, i. e. to dispose em well on
their Center of Gravity, that they mayn't feem ill support-

their Counts of their control of their c

not too many, e. gr. be crowded on one Side, and the other left bare. - Peace is never well fecured, unless the Neighbouring States are in Equilibrio.

EQUIMULTIPLE, in Arithmetic and Geometry, is applied to fimple Magnitudes, when unhtiplied equally, i. e. by equal Quantities, or Multiplyers. See MULTIPLE CATION.

Thus, taking A as many Times as B; or multiplying 'em equally, there will ftill remain the fame Ratio between the Magnitudes thus multiplied, as between the primitive Magnitudes before Multiplication.

Now, those Magninudes, thus equally multiplied, are call'd Equinmitiples of the original ones A and B: Whence we fay, that Equinosityles have the fame Rano as the fample Quantities. See RATIO.

In Arithmetic, we generally use the Term Equimultiples for Numbers which contain equally, or an equal Number

for Numbers which contain equally, or an equal Number of Times, their Submultiples.

Thus 12 and 6 are Equimultiples of their Submultiples 4 and 2 a instruction to them contains its Submultiples for the Contains the Submultiples of them Contains the Submultiples and the Submultiples of the Submultiples of

right there Times. See SUBSULTIFEE.
EQUINOCITAL, or Repulsorinta, in Adronomy,
a great and immoveable Circle of the Sphere, under which
the Depaster moves in its diagnal Motion. See SPHERE.
The Paymostical, or Equinotitial Line, is ordinarily
confounded with the Equatory; but there is a Difference:

A Constitution mountain and the Paymostical immoves. confounded with the Equatory but there is a Difference the Epitator being moveable, and the Equinatorial Immove-able; and the Equinatorial Immove-able; and the Equatory deron about the Convex Surface of the Sphere, but the Equatorial on the Convex Surface The Equinatorial Conformation of the Converse of the Equatorial Conformation of the Equatory, and there, by the Resistance of the Sphere about its Acts, and there, by the Resistance of the Sphere about its Acts, and there, by the Resistance of the Sphere about its Acts, and there, by the Resistance of the Sphere about its Acts, and there, by the Resistance of the Sphere about its Acts, and there, by the Resistance of the Sphere about its Acts, and there is a considerable and the Sphere about its Acts of the S

trimum Mabile.

Whenever the Sun, in his Progress thro' the Ecliptic, comes to this Circle, it makes equal Days and Nights all around the Globe; as then arising due East, and fetting due West, which he never does at any other Time of the

case Well, which be never does at any other l'ime of the Vears. See Day.

And bence the Denomination, from equat, and east, Nights, grist equet dress notif. See Day and Nights.

The Equinolitist, then, is the Circle which the San deferibes, or appears to deferbe, at the Time of the Epsil-oscer; that is, when the Leagth of the Day is every where capal to that of the Night; which buppers twice for

Aumum. See Equino People who live under this Circle, by Geographers and Navigators call'd the Line, have their Days and Nights

resignator can't the Line, have their Days and Nights conflacity equal. And at Noon, the Sun is in their Zeoute, and calls no Shadow. See Accil.

From this Circle, is the Declination, or Latitude of Places, accounted in Degrees of the Meridian. See Layingue, &c.

EQUINOCYTAL Points, are the two Points wherein the Equator and Ecliptic interfect each other. The one, being in the first Point of Aries, call'd the Vernal; and the other in the first Point of Libra, call'd the Autumnal Point. See Point

Equinoctial Colure, is that passing thro' the Equi-

Section Frontis. Occ OCIUME.

EQUINOCTIAL Diel, is that whose Plane lies parallel Equinoctial. See DIAL.

EQUINOCI, or Equinoctial Points, in Astronomy, the Time EQUINOCI, or Equinoctial Points,

That when the Cutter the Pervine Points is particularly electromisted the Formal; and that in the Automate Department of the Points,

Astronomic Equinocity, See Equinocity (1998).

twice a Year; viz. About the 1018 of March, and the the Automnal Forman

the femal nin fronced the Internetal Equipment, that is, Constrained Arthur the Constrained Equipment, the Constrained State of the Constrained State of the Constrained State of the Constrained State Office of the Constrained State e fecond the Automoust Equinos.
As the Sun's Motion is unequal, that is, fometimes

"fine and formerimes flower: from the Caufes already

the Sun enter the Epister's at Mid-day. For if the rifting Sun flouid carte the Versut Epistone, at tetricing, he will, have departed from it, and have got Northwards about 15'. Confeigently, that Day will be tomewhat longer than it Hours, and the Night proportionably floreter. The Time of the Episterset, it, the Moreant in which the Sun enters the Episterset, it found by Observation; the Control of the Cont

Thus, in the Equinostial Day, or near it, take the juff Meridian Altitude of the Sun; if this be equal to the Altitude of the Equator, or the Complement of the La-Altitude of the Equator, or the Complement of the La-titude, the San is that very Moment in the Equator. If it be not equal, the Difference is the Sun's Declination. The next Day observe the Maridian Altitude as before, and find his Declination: If the Declination be of different Kinds, vis. the one North, and the other South, the Equitors has happend in the Interval of Time between 'em. Otherwife, the San has either not enter'd the Equi-soldial, or had pais'd it at first. From these two Observarions, a Trigonometrical Calculus gives the Time of the

Equinoc.

It is found by Obfervation, that the Equinoclinal Points, and all the other Points of the Ecliptic, are continually moving backward, or in Antecedentie, that is, Weitward. This retrogade Motion of the Equinoclinal Points, is that famous and difficult Phenomenon, called the Preceifion of

the Enumones. See Pricession of the Enumon. THE EXPLICATION. SO PRECESSION of the Equiner.

EQUIPAGE, a Ship's Gew; or the Officers, Soldiers, Sailors, and other Perfors, that man and manage the fame; with the Arms, Provisions, Merchandlers, Ge. wherewith it is loaded. See Shirt, Ge.

with it is loaded. See Sura, Sc.

The Salless that are to work and manage a Ship, are regulated by the Number of Lafts it may carry, each Laft making two To. Buttle Ship, from act to 2 Lafts making two To. Buttle Ship, from act to 2 Lafts, the Expirage conflict Subher; them to the Califa, the Expirage conflict of 8 Men and 8 subher; and thus increase at the Rate of one Mun for every to Lafts, to that Ship of no Lafts has 1 May, 16 fronger than Zure's, but always about the fine Theory Carro, are whally fireogen than Durc's that ship about the fine Theory of the Ship of the Shi

EQUIPPE, in Heraldry, expectles a Knight equipp'd,

EQUIPOLLENCE, in Logic, is when there is an Equi-valence between two or more Terms, or Propositions; i. c. when they fignify one and the fame Thing, the' they express it differently. Such Propositions, &c. are faid to

express it differently. Such Propositi be Equipollens. See Equivalent.

be Legipoisent. See Equivalent.

EQUITY, is julice, or Right, mitigated and temper'd
by the Confideration of particular Circumflances, or a Correction, or Moderation of the Secretity of Some Laws,
or a Temperament, which, without being unjust, abazes
the Rigeour of form just Law. See Law.

This is what the Greeks call historia. The utmost Severity of a good Law, is frequently contrary to Justice; it should always have Equity for its Rule and Guide.

a mount anways nove Espairy for its Rule and Guide.

Summum 1811, Jept furmat night is.

Simulation of Equity, is not that there is any

Militable in the Law; but that the Law was laid down

Childhold by when as all Circumflances could not be con
considered by the in-militable to the confider'd, or taken in under one Law.

fider'd, or taken in under one Law.

Epsizy, therefore, is not fo much a Correction of a Law,
as an Amendments poor yet fo grouper an Amendment of
the Law is fell, as of the Oplinen arising from its being
ill underflood, or ill applied.
In this it is diffinguished from a Differentiation, which
takes away the Obligation of the Law in force particular

Calf; y therea a Correction does not take away of Thing

of the Ohligation, but only shows in what Sense it is to

12 I was the bove should be imagind any UNignosmost the takent issue for the first the capital Law, that the City lesing one being with the Energy is the district the Energy is then in Health forty and despote it fall way, that the Facony is then in he has the capital that the capital he highly reprised thereon, not to open on the Gauss - Epsity love decree the Gates to be "Thom. Again, the people another lathness. Suppose it Law, that wheever reliefs to reflect what had been constrained in Tast that which is a reflect what had been constrained in Tast that which is a first of the Constrained in Tast that will five reflect a Sweet let with him, to a Mademan. This Cell is comprehended in the him, to a Mademan. This Cell is comprehended in the him, to a Mad-man. This Cofe is comperiented in the Sonis and Inacomers of the Law, tho not in the Worls throad. And the Legiliator himbil, if the were prefer, a council or five-throat, therefore covered for five-throat, and the Man of the Made. In this View, Penity is of two Kinds, and acquit the open control of the Compensation of the Control of the control Efficies. The one shridge, and takes from the Letter of the Law, and the other calarges, and adds

thereto.

The first is defined, the Correction of a Law, made generally in that Part wherein it false. As, suppose an Act made, That whosfored cose inch a Thing, flash to a Felon, or safer Deaths, yet if a Madman, or an Infant, who hath no Difference, do the fame, be shall neither be a Felon, nor Coffee Donah

fuffer Death.

The other is defined an Extension of the Words of the Law, to Cases unexpected, which yet have the time Reasions, to that, who one Thing is enacted, all other Things, which are of the like Degree, are to too.

Thus in the Statute which ordains, That in Action of Debt

Thus in the Statute watch originals, that in Actional Organial Executors, he that doth appear by Dilitels shall answer; doth exceed, by Equity, to Administrators; for facts of them as shall appear first by Distrels, shall answer by the Equity of the find Act: Quia faut in equality

EQUITY is also used for the Virtue of Justice.

JUSTICE.

EQUITY, in our Laws, 8/e. Is frequently used for the Court of Canacter, where Controversies are supposed to be determined, according to the earl Rules of Equity and Conflicence, by mitigating the Rigour of the Common Law. See CHANCERY.

See CHANGERY.

**Equites Iponitur Legem, is an old Maxim in Law, has from the great increase of Suits in Cannery, some have thought fit to give it this Construction, That in all Confess after a Man has been at Law, he must go into

EQUIVALENT, is understood of formething that is a understood of Formething that is understood of Formething that is a understood of formething that is a positive state of the state of the

Equivalence is of various Kinds, in Propositions, in erus, and in Things. Terms, and in Terms are, where feveral Words that differ Equipment Terms are, where feveral Words that differ in Sound, have yet hat one and the fame Signification; as Every Bedy was there, and no Body was abfent; Nithil

or and course. Equivalence in Things, is either moral, physical, or flatical. Moral, as when we say, that the commanding or advising a Murther, is a Guilt Equivalent to that of

or advising a Marther, is a Guilt Equivalent to that of the Martherer: Physical, as when a Man, who has the Strength of two Men, is faid to be Equivalent to two: And Statical, whereby a kis Weight becomes of equal Force with a greater, by having its Dillance, or the like,

EQUIVOCAL, Equivoque, is applied to an Expref-fion that is dulious and ambiguous; or that may have several Senses, one true, and another falle. See Equivo-

Equivocal, Equivocum, Equivoque, in Logic, by the Greeks call'd Homosymum, is any Word which under one Sense exhibits several Idea's, or is adapted to different As the Word Emperor, which is both the Name of a

Dignity, the proper Name of a Person, and the Name of a Plant. So also the Latin Gallus, which stands indistinrently for a Cock, and a Frenchman

In which Cases one Word denotes divers Conceptions, one
Word divers Things. Whence that common Delinition of word diver Things. Whence that common Definition of Equipment in the School, querum essuant of commune, Ratio vers Effentie forcandum that Numen deverfie. The Philotophers have diffinguithed Equipments, into Effice and Paffers; or into Equipment, Equipments, and

Environe Equivocentia, or those that decominate and figurity Things, are Words common to several Things in a very different Signification, i.e. to several Things which have a fimiler Effence, correspondent to the fimilar Denomination. E.gr. The Word Taness, which francis for a Sign, a Mountain, and an Animaly, and in one figurifies a lowing Animaly in another, a Heap of Stones and Earth; and in the third, a Consillation, or System of Sters.

Equivoca Equivocata, or those that are called, or de-

nominated; are the Things fignified by ambiguous Names, e. gr. a Sign, a Mountain, and an Animal. Which laft Species of Equipocals alone, Arificule forms to have had in View in his Definition, which agrees to these, and

mest only.

EQUIVOCATION, the using a Term, or Experditor, that his a double Signification. See EngarseA.1.

Democrations are Expeditors to fave selling the Truth, and yet without selling a Lye for the Matter. The Fathers are great Patrons of Popirocartions, and mensia References is belonging that the Use of such blifts, and Ambiguitors, is in many Cate allowable.

Anabiguines, it in many Lafes allowable.

8. Angulos, particularly, is reproached in a construction of the control of the cont found by the Speaker, but the former by the Hearers, they

fitted by the Speaker, but the tormer by the recurrent uner-conceive featmenthing different from one another. Of this we have an Inflance in St. John, Chap. 11, where our Saviour is repreferred as faving, Learns feet-eth: For the Bifeiples taking the Word Skeping in the eth: For the Bifciples taking the Word Steeling in the ufual Signification, concluded that Learns, whom they had been told was fick, begin to take Reft, and would foon recover; but Jofas, taking the Words in a keft, direct, and usual Signification, meant that Learns was dead.

When the Equivoque confile of feveral Words, 'tis properly call'd an Anaphibology: Of which we have an Intiance in St. 76hm, Chap. 1. Differ this Temple, fays Jelus Christ, speaking to the Jews, and I call raise it

Join Carli, floaking to the jown, and again three Jagain to the second to the form on any Ocasion whitever, it is allowable to the them on any Ocasion whitever, the justice that the particle that the with 1 Jpc. See Patanoon.
Cithen, on the contrary, particularly Chaffing, 20 Divise finemess among the Philis of the Chrony, lead a Woold of Difference between an Empirication and a Lucy maintaining.

The Company of the

amount among our return on the certainty, Both at World of that it is ever criminal to of a 1.5 p. b. on that there are found Concilions where an Eprimentine may be sted Inno-cessary And, in Represent, and the sted Inno-cessary And, in Represent, and explainty St. despites, as For. Calmifer Semas to have demonstrated. Let's. V. There, de Friera, Perr, Can. Edit. Expl. 455. Cap. a. Will and Frants, but I have see what pathle Power, and Mall and Frants, but I have see what pathle Power, and Mall and Frants, but I have see what pathle Fower, and while and Frants, but I have see what pathle Fower, and while and Frants, but I have see when pathle pathle programs. Thus incide, Maggoot, Fire, Spiders, Freys, Car. have study been improved to be produced by Poproceed Genera-tion, i.e. by the Ed St. Med. and pertried Fran-

Animals. This Method of Generation, which we also call flours-money, was commonly afferted and believed among the antient Philosophers: But the Moderns, from more and

antient Philotophers: But the Mederns, from more and better Observations, unanimoully reject it, and hold that all Animals, nay and Vegetables too, are Univocally pen-duced, that is, by Parent Animals, and Vegetables of the fame Species and Decamination. See Univocal Gene-

"Twee a Thing one would imagine fulfact to differed the driftstation, or rather the Egyptian Dodfring of Equipped Generation, to fee Files, Frogs, Lice, &c. to be Mile and Female, and accordingly to engender, Iny Egys, &c.

lay Eggs, Gr.

To imagine that any of those Creatmen could be sporting to the control of the country of the cou

in confiderable Authors, from fome other the like Relations that have been better inquired into. Such are feveral Reports of the raining of Miller-feet, Withers, Whitings, Sec. An Account of which, with the Grounds of the Decit, for under RAIN and Showers.

The Decline of Equivosed Generation we call an

The Bottrine of Equivered Generation we call an Expirisus Doctrine, as having in all Probability, had in: Rife in Eggst, to faire the Hypothesis of the Original Production of Men, and other Admains, out of the Earin, by Help of the Sam's Heat. To prove which, the Eggst, trans, as Disdoras Strains otherway, produce this Otherna-tion, that about Tables, when the Earth is modified by tion; that about Thebes, when the Earth is moillen't by the Nile, and afterwards impregnated by the intense Hote of the Solar Rays, an immunerable Swarm of Mice to come forth: Whence he infirst, that all Kinds of Animals can of the Earth at the Egy or two deals relay, as a medianted so when it is not considered to the second of the s

fame Subject.

Equiptus, in Afrenomy, a Confictation of the Northern Hemifibers. See Constructation.

The Stars in the Confidition Equations, in Prolong's Catalogue are 4; in 1/2/20/5 4; in Mr. Flamfleed Catalogue are 4; in 1/2/20/5 4; in Mr. Flamfleed Catalogue are 4.

The Longitudes, Latitudes, Magnitudes, &c. whereof are as follows.

Stars in the Confiellation Equuleus. Longit. Latitude. North. Hance and Situations of the Start. 14 12 57 10 32 56 5 15 59 37 23 02 36 6 16 02 30 21 16 01 6 16 25 37 21 38 31 6 19 06 24 25 13 12 4 Preced. of two in the Mouth. 19 07 07 25 06 51 6 20 07 30 24 46 57 4 18 47 48 20 09 99 4 20 51 05 21 42 53 6 Subfeq. of the fame. Proced. of two in the Head-Subfea, in the fame.

Fegurans, in the Arts and Mantilchees. See Honse, RRADICATIVE, in Medicine. An Enrichative Core is that which takes away the Carle, or Root of the Difference; in shock of the Mantilchees of the Mantilchees and the Mantilchees of the Mantilch EQUULEUS, in the Arts and Manafactures. See Honse,

towards his Renet. I has as what we kill from Corn.

Nepas, in his Life of Epanimondas.

The Word is form'd of the Greek segree, Alms, Car-

ibution, and aggi, Command.

FRASED, in Heraldry, expresses any Thing violently are off from its proper Place. It is afed in Contra-difficition to Compad, which Significant Thing clean cut off. The Family of Gard bears prairies, a drawn Lion Family and American Contractions of the Contraction of the Contrac

ERASTIANS, a religious Sect, or Faction, that arofe in England during the Time of the Civil Wars.

They were thus call'd from their Leader The. Erefus; whose diffinguishing Dostrine it was, that the Church had no Right to distiplioe, that is, no regular Power to excommunicate, exclude, confure, absolve, decree, or

ERECT.

ERECT Flowers, are fach as grow apright, without hanging or reclining the Head. See Frowen. Enver Villag Sas Verson

ERECT Filton. See VISION.

ERECT Specimine &c Distr. See Distr.

ERECTION, the Act of raising, or elevating a Thing. a right Line. See Frankering

in a right Line. See Excession on a Line given, it a popular Problem in Generary. See Para analysis and popular Problem in Generary. See Para analysis and popular Problem in Generary. See Para analysis and the Lordina of Marquistic man of Justiny, gliffenpedics can only be Evella by the King, It was assistantly the Paralhel to Evella by the King, It was assistantly the Paralhel to Evella in the Confession of the Confession

Adition of the Mulkes, cull d'Enellur, or Erellures. See Prints and Enercore.

"There is al'o an Erellure of the Clientin, perform, Gr. Mulkes provided for that Parpole, See Carronan, Gr. Mulkes provided for that Parpole, See Carronan, Gr. Dr. Brieke observes, is of abbidest Necetifier; "The find to the Performance of its Office, the fectod for the Security of the Part. Without an Erellius it were impolible to mits and looge the Seed where is onely in the s. fills to emit and lodge the Sted where it ought to be; and with a contlast one, almost as impedifies to focure the Part from external Injuries. — To fay poshing of the Lofs of Infligation, which mall be a necessary Consiquence of contlast Freshon. See Partarismen. The Erestion of the Penis, consists in a Diffection of its Corpera Covernife, by an extraordinary Quantity of Blood penis up therein. See CANTRAGONA.

Blood pent up therein. the Blood is the Motor which differed the Penis Execution, is evident from Abundance of Experiments: the the most convincing is that of firmly tying the Penis of an Animal (as has been frequently done to a Dog) et an Anumai (as has heen frequently done to a Dog) in Corta; wherein, nothing has been found but Blood to differed it. Hence, in the Bodies of Criminals, that hang long after Death, the Ponis becomes erecked; the Blood, in that Pofition, falling to the inferior Parts, and

Blood, in that Position, falling to the inferior Parts, and flopping there. By blowing into the Blood Vessis after Death, the Penis becomes Errelled. This was first disforced by Mr. Compley, upon viewing its Veins, after he had distincted 'em-with Wind; wheree it plainly appear?4, that the external erem scorone zerzeté. This was first different by Mc.
with Wild, where it plainly agreed, that the extent of with Wild, where it plainly agreed, that the extent Torchy spirit, from sader in Shin only, and form core Veries on the Zergerin prices, areas and energy therefore line one Toruk, cilif d' Frost perus, which pulle immedi-vities to the price of the price. The Application price, no the Ligament of the Pairs. This Application price, no the Ligament of the Pairs. This Application price, and the Pairs of the Carpet of Carpeting Price, which are test up as their justices in the Body of the Now, this encous happen to the excented English to the Circular, by Revious there is no Bose, whole Politics can in Veins: Wherethe, the Applicat Acceptation, the North in Veins: Wherethe, the Applicat Acceptation, and the the Veins of the Bods do that Olike, the zook to efficie-ate the Carpetin of the Carpetin Carpetin Price.

Accordingly, the Glans is not always perfectly diffended with the Penis, and fooned becomes flacted on an Erection. See GLANS.

Fretion. See GLANS.

The Blood, by fluch Means, being precluded from its Resurs, the Corpora Covernoy's maft of Necestity become distended, if we confider their Struckure above-mentioned, with Refrect to the Veins. The Arteries, which before were flucted, have now their Trunks also distended, and do more plentifully import Blood into the Corpora.

Covernigle.

But fince it is abfolutely necessary fome Part of the detain'd Blood should be fill passing off, left it become gromous, and unife for a Relax, the Frene privative communicate with those of the Praint is telf; whereby Part of the Blood may be returned from the Pental during its Endlaw, and give Way to a fresh Supply from the Arctice, and preserver the Ciccutation uninterproped. See ERECTOR Clievistis, in Anatomy, a Pair of Muscles arising from the Protuberances of the Ischinus, and inferted into the spongious Bodies of the Clieves; which they serve

to erect in Coition. See CLITORIS.

ERECOR Posit, a Pair of Mafeles ariting fleshy from the Protuberances of the *Ifebinan*, below the Beginning of the cavernous Bodies of the Yard, into whose thack Mem-branes they are inferred.

Their Use is to pull the Yard towards the Os publis, whereby its greatest Vein is compressed, and the restuent Blood denied its Passage under those Bones; which makes fwell. See Energion.

EREMITE. See HERMIT.
ERICTHONIUS, in Aftronomy, a Confiellation, the fame as furige. See Aurioa.
ERIDANUS, in Aftronomy, a Confiellation of the Sourn Hemifolese See Constant Arriva

thern Hemifphere. See Constructation.

The Seas in the Confiellation Pridents, in Prolong's Carlogue are 30: In Pycho's 19: In Mr. Flamfees's 68.

The Longitudes, Latitudes, Magnitudes, &c., whereof are so

Start in the Confiellation Ep to ture

| Section | Name and Ministeries | Section | S

iddle. cond before the Breaft of Con-Third of those following Turn of Riv.
Inform, within the left Sinus.
Third before the Read of Ocean

Fourth behind the Turn of the River.

Fourth before the Breaft of Cetas. Fifth behind the Turn. Preced of two Informes over the Riv.

Fifth before the Breaft of Green

Subfeq. and more South, Sixth behind the Turn. More South, but contiguous to this,

Subfeq. Inform. over the River. Eighth behind the Turn. In the fecond Bend of the River.

Ninth beyond the Turn .. North of two beyond the first Bend, Next before the second Bend. South beyond the first Bend, Preced, of two beyond the ad Rend

two beyond the ad Rend Preced, in the first Bend. Subseq, beyond the second Bend.

Preced. before the first Bend.

Middle before the first Bend, Small one contiguous to it,

Subseq. before the first Bend. That next the Rife of the River.

7 33 04 18 42 23 0 28 59 23 38 33 16 6 7 7 31 58 19 10 52 6 6 02 44 23 45 20 5 6 26 39 23 54 37 6 6 52 09 23 57 16 5

0 25 00 39 00 01 3 4 0 11 14 44 45 01 3 9 29 25 25 57 22 9 35 11 26 19 45 6 5 06 42 39 09 18 6

5 45 03 38 32 17 4 14 30 20 23 22 27 4 13 35 20 27 40 30 3 9 51 32 39 28 34 4 17 39 24 18 26 20 5

12 08 57 35 40 15 5 6 17 06 37 24 08 18 16 30 56 28 46 16 19 11 36 20 27 17 19 30 50 19 38 34 6

16 37 18 31 09 15 13 04 15 41 52 09 13 00 51 42 34 32 6 20 18 16 24 42 25 7 20 16 20 25 00 38

21 77 38 12 45 43 7 19 31 34 33 13 35 21 32 34 33 13 35 21 32 24 21 47 28 16 38 37 43 30 44

25 32 21 51 51 01 3 0 56 10 36 01 48 3 4 0 23 41 41 25 03 3 4

7 43 46 27 30 49 6 7 59 51 32 49 13 6 7 41 00 35 04 52 6 8 53 01 29 48 30 5 10 41 18 27 16 56 6 10 57 20 27 53 48 3 11 15 23 27 17 50 6

North, in the Rife of the River to-wards Orim's Leg.) South in the Rife of the River,

ERR

T 342 T

ERR

FRIGENS Pevis. See ERREYOS Pevis.

FRMINE, in Heraldry, a white Field, or
Fur, powder'd, or intersperfed with black

AAAA Spots. pots. See Fur.

It is supposed to represent the Skin It is fupposed to represent the Skin of an Assimal, of the fame Denomination, which fome will have a Water Ret, others a Mostela, or Sort of Waters, and others an Armenian Moule. In Effect, there is no Animal whole Skin naturally corresponds to the Herald's

The Animal is Milk white; and fo far is it from Spots, that the Tradition has it, he will rather die, or be taken, than fully its Whiteness. Whence its symbolical Use.

than fully its Whiteness. Whence its symbolical Dec. But white Skins having for many Ages been ufed for the Linings of the Robes of Magilitaries, and great Men; the Furriers, at kength, to add to their Beauty, ufed to few Bits of the black Tails of those Greatures upon the white Skins; to render them the more confpicuous, Which Alreration was introduced into Armoury.

The Sable Spots in Ermine are not of any determinate Number, but may be more or lefs, at the Pleafure of the Painter or Furrier



ERMINES, is used by some English Writers for the Reverse of Ermine, i. e. for white Spots on a black Field; but on what Foun-Spots on a Disck Friend; but on what accordation no body can rell; for the French, from whom we have our Heraldry, have no fach Term; but call this black powder'd with white, Contro Ermine; as denoting the Counter, or Reverse of Ernsine; which is white powder'd with black,

d with black.

ERMINEE A Groft ERMINEE, is a
Crofs compored of four Erraine Spors, placed
in that Figure. See Cross.

It must be observed, that the Colours in
fach Arms are not to be expected by by reason,
orither the Crofs, nor the Arms, can be of any Colour but white and black.

Colombiere blazons it quatre queues de Hermine set évise. The Editore of Guillén décinhe as thus, a A Centré of beur Drainest, en, al thich mer popelys, ef les et de la contraine de la The Editor of Guillin describes it thus;

See Purse. The Word is derived from the Greek, Less, Love; whence

egonat. ERRANT, in Law, the fame with Itinsrant, attributed to Judges that go the Carcuit: To Bayliffs at large, Sc.

to Judges that go the Circuit: 10 Daylins at large, See Justice, Ballipp, Ed.
ERRATA, a Lift at the Reginning or End of a Book, centaining the Faulte that have efcaped in the Imperfice, and, fometimes, even in the Composition, of the Work. See

Lindschorg, has an expect Differention on Typographic at Erraria, 4e Errarian Typographic; a wherean he deferre, that there is so Book examps from 'en, not cun the clears, that there is so Book examps from 'en, not cun the Caudis thered), and proposits to congain into all the Caudis thered), and proposits that the cauding the common or impacticable. The Anthere, Compositions, and Corrections of the Pick, the fays, must do their Davy who Corrections of the Pick, the fays, must do their Davy with profit at Home. A California and Oliginia som Finning-Posit at Home. Lindenberg has an express Differention on Typograph

Preis at Home, as Calisans and Opisius had; who can Fa. Hardonin's Book on Medals, might be entitled the Errata of the Intiquaries; and the Critiques on Hillory by Perizonius, the Errata of the ancient Hillorians. In the fame Senfe, M. Bayle's Dictionary might be call'd the Errata of Moreri.

FRRATIC, in Aftronomy, an Epithet applied to the Planets, which are call'd Erratic, or wandering Stars, in Contra-diffinition to the fix'd Stars. See Planet. There is also a Kind of Fever call'd Erratic, FEVER

FEVER.

ERRHINA. ERRHINER, in Medicine, are Remedie taken by the Nofe, to enliven the Spirits, flop Becoding the Nofe to the Spirits, flop Becoding are to the November of November of the November of Marjoram, bits, white Heldeon, Englorehium, 60 Marjoram, 60 pt., Bect, Cyclarace, Ins., 65 pt., 18 pt. 1

went. Rofat.

Others, felids, form'd like Pyramids, to ftop Bleeding at the Nofe; composed of Armenian Bole, Terra figillata, Mastic, human or Hogs-Blood dried, &c. the Nort; company of Hogs-Blood dried, &c.
Sach Errhina as are dry, and made up in Powders, are
properly call of stermatories. The Moderns fornetimes
call em Capar purgia. See STRENDTATORY.

The Word is derived from or, in, and eis, Nofe.

ERROUR, or ERROR, a Miffake of the Mind, in giv-ng Affent to a Thing or Proposition which is not true.

sing Philoson a "Almig or reoperation makes" in the Mind, Some Philosophers define Error an AR of the Mind, whereby Taings that should be joyn'd, are sprand; or, whereby Taings that should be separated, are joyn'd. Or a wrong Judgmand, distingering with the Things whereon it is paid the C TUPOMENT.

e Judoment.

Errer stands in Opposition to Truth, which consists in EFFE HERRI IN OFFICENCE TO YEARS, Which consists in an Agreement between the Proposition, and the Thing whereof it is affirmed or derived. See Tautus. However, a bure Failer, or Non-assimment of Truth, does not condition Error; that being common both to figuratine and Densities. See Innovance and Densities. See Innovance and Densities.

Error only stands distinguished from Fallebood, in that the former is in the Mind, and the latter in the Proposition.

See Falsehood.

The great Origin of all Error, i.e. of helicving that to

man Mind, of giving its Affent to Idea's or Proporitions, that are obscure, as if they were perspicuous and plain. See LIBERTY. Particular Caufes of Error are, 1º. An Inadvertency, or

Negligence, in passing Jadgement, whose using or attend-ing to the Means proper to affilt the Judgment. As if a Person should attempt to judge of the Height of the Pole, without proper Instruments, or Observations: Or determine about Nations without knowing their Hiftory

sentent is open functionated, or, Otherwinson, U determine as a large proper formation of the Understanding by Study and Application, or furnished it which the fidnet that have an insmediate Relation to the Matter in hand, by Study and Application, or furnished it with the fidnet that have a local content of the study of the stu

put, pra. 1°. Want of Proofs. 2°. Want of Ability to fe cm. 5°. Want of Will to use cm. And, 4°. Wrong

use 'em. *, 'Ware of Will to use 'em. And, 4'. Wreen Measure of Probability.

F. Mollistround consider Fee Occional Custes of Error, or rather five different Kinds of Errors, accommodated of the Commodition of the Commodit

ERROUR, in Law, is generally underflood of a Fault, or Overfight, either in Pleading, or in Process: Upon either of which is brought a Writ, by way of Remedy, call'd a Write of Errors, and in Latin, de Errore Corrigendo. See Warr.

ines a Writ of Error to be, that which lies to redrefs false Judgment given in any Court of Record, having Power by Charter, or Prefeription to hold piga of Debt or Tretpais of above xx Sô.

There is allo a Writ of Error for reverling a Fine, Sc. ERUCTATION, Betching, the fame as Ruchation, Soc

RUCTATION, Learning, or Knowledge; and chiefly that of Antiquity. See Learning.

The Scaligers were Men of deep Erudition: The Writings of Mon. Learnoy, a Prieft of the October, are full

of Erristian.

Mr. Look (bys, 'vis of more UK to fill the Head with Refections, than with Remarks of Fradition. If the Mind be not just and right, Ignorace is better than Forsers, and the Reference of the Property of the P

ERUPTION, a barfling forth, or Exclusion of forme-

IRUUFION, a barling forth, or Eachson of four-time before every 4, or concell.

Amail Post, control and the state of the s

to the adjacent Country.

The other more furious, and of longer Continuance, has

on the silicente Construct.

The color man effective flow one or is by Term. The relation flow of the silicent flow one is by Term. The fall, in 147, was to violent, that, by the held of his [K. Freezerle] Districtions, in call the Rock shew Sline.

M. Olidershore, gives us an Hillerical Account of the ferrest Despitates of Whosen Ears, recorded in Asshera, the Time of the Expedition of Azmera, delethed by Planghate, use the Construction of the Expedition of Azmera, delethed by Planghate, use there were 4. Another in Cafer's Time, fo ferre, that Timelates affirms, the Slippe are in Hillerical Exception of St. Agenth, as the Slippe are in Hillerical Exception of St. Agenth, as the Slippe are in Hillerical Exception of St. Agenth, as the Slippe are in Hillerical Exception of St. Agenth, as the Slippe are in Hillerical Exception of St. Agenth, and the Time of the Marryshow of St. Agenth, and the Hillerical Exception and 11691. Others in 1184, 1194, 1245, 1445.

The Time and 11691. Others in 1184, 1194, 1245, 1445.

The Time of the Hillerical Exception of the Slippe of the Interpolation of the Color of the Slippe of the Interpolation of the Color of the Slippe of the Interpolation of the Color of the Slippe of the Interpolation of the Color of the Slippe of the Interpolation of the Color of the Slippe of the Interpolation of the Color of the Slippe of the Slippe of the Interpolation of the Interpo

the old Mouth.

the old Month.

The Matter berrylelded, was a Stream, or River of Metals and Minorals, renderd louid by the Estronesis of the First, and boiling up, and pulsing fash, as Water does at the Rend of th control, citie outer/s; an removad stage texts of Set-Coal, but of steepher, and where they not a Read, Well, Coal, but of steepher, and where they not a Read, Well, Read, and the steepher of the steepher of the lowest weight kearing down on common Beilding, and Sermig up what was otherwise the Properties of the lounda-tion was at the above the Properties of the lounda-tion was at the Subject of the Properties of the lounda-tion was at the Subject of the Properties of the afterwards into the City of Catastia; in its Coorfe, it correlated in 12 from and Villages, containing three or four thordful inhabitors. The Note of the Empirion at the Note of the Subject of the Subject of the Properties of the Subject of the

on the Morch was heard & Miles.

The St. Clear; in the "Philody Frangleft, gives an Aleconat or a confaste Errytune of Fire, on one Side of one of the Appeniers, between Endogram and Firence at Nobert of Ground to or a Miles in Diamont, he before any of the Confederation of the Principle of the Confederation of the Principle of the Confederation of the Confederati the fame Hills,

the lame Hills.

FRYSIFELAS, in Medicine, call'd alfo Sacer Ignis,
and St. Anthony's Fire, a Difease of the Skin.

Its Seat is any Part of the Body, but principally the Face:
It shows it still in a raddy Instammation of the Part, with

a little Swelling of the fame; an intense Pain, and a Croud of little Pussles, which, as the Instantation increases, grow into Vesseles. See Sala.

into Veficule. See SRIN.

The Diffule spreads it felf a-pact; shifting from one Place to another, with a Fever attending it. It attacks the Patient all at once, and chiefly when our in the Air:

Falce to another, with a Febru attending it. It attacks whose the Country People Call Holding, delevation, and the whose the Country People Call Holding, delevation, and the Country of the Call Holding the Callifarin, description, and the Calling of the Callifaring, excellent landscape the Calling, excellent landscape the Calling of t return again.

Examilier gives it as the diffinguishing Character of an Explicates, that when prefi'd very lightly by the Finger, then follows a white Spot, which prefently after becomes red again, which does not happen in an ordinary Inflammation, unlefs when violently prefe'd. Scorbutic People are most cubied to this Difeste.

moû fabject to this Difect.

The diprace, whether Pauging be good in the Bryfipelass
Spienhaus recommends is the next Day after Bicolings,
Bamiller continues as against few body, and economics
of in Englished of the Head, attended with a Coma,
Dalirium, Ee. undel Carbaritch will do good, the Cafe
is defigerate. All unclusors, attringent, and cold Applications, externally, are dangerous, and forentiems make Eryfipeles degenerate into a Gangrene.

The Word is form'd of the Greek, toom, trabere, to The word is round of the Creek, whose, frances, to draw; and mass, prope, by reason it withdraws it felf nowards the Skin; Whence Galen calls it the Passo Cutic. The Eryfifelas is either fimple, or attended with an

USER.

ERYTHROIDES, in Anatomy, the first of the proper
Membranes that inclose the Testicles. See Tarricia.

It is interspected with sleshy Fibres, derived to it from the Cremefter Mu'cle, which make it appear reddish.

And whence its Name from the Greek, souhele, red, and ESCALADE, or SCALADE, a furious Attack upon a Wall, or a Rampart; carried on with Ladders, to mount by; without proceeding in Form, breaking Ground, or carrying

to fecure the Men. See SCALADE. on Works to ficture the Men. See Sealann,
ESCALIOP-Shelft, a frequent bearing in Cost Armour,
proper, fay our Herskis, for fach as have diffinguishful
femiliers by Naval Exploits. Assare, three FloatopShelfs Or, by the Name of Muller.
ESCANBIO, was arsiently a Lisenfe granted any one
for the making over a Bill of Exchange to another beyond
Sea. See ESCAINSON.

Sea. See Execusions.

Fee, by Sear, Li, an Derfor might exchange, or see, by Sear, Rich, without Kith Caroline, and the search of the search o

Treason, or Trespais, when one is arrested, and after-wards Floate is gainst his Will that arrested him; and is not parsied by firth Sait, and taken again, before the Party parsied hath lost Sight of him. ESCANTELE, in Heraldry, Quarter's, or Quarterly, See Quantum, See.

ESCANTELLE, as SEC QUARTED, SEC QUARTED, SEC QUARTED, SEC QUARTED, SEC QUARTED, and Fabric Month of a bot Iron, or a Caulic Modern, or fome fharp, corrolive Hamour within. The Cauffic Store, or Lapis Infernalis, produces a round Ejebar in the Place where it has burnt. See Eschano-

TIC, CAUSTIC, and CAUTERY.

The Word is derived from the Greek, ingines, Oraft, or Seeds. Some Authors derive it from it and wise, I shawe; but this comes with from Difficulty, by realing sale is wrote with a *x; and traffer, which belief applied example, produce Eighburs, or Seabs, by burning the Flefin.

See Esen an.
Such are the Lapis Informalis, red precipitate, Sc. thefe
are also call'd Conflicks. See Caveric.

The Word is derived from the Greek in the See Esenar.

ESCHEAT,

ESCHEAT, in Law, fignifies any Lands, or other Pros, that fall to a Landlord within his Mannor, by way of Forf iture, or the Death of his Tenant dving withou Heir general or special, or leaving his Heir within Age, and

The Civilians call fach Forfeitutes Bone Cadaça; and in the fame Senfe as we fay the Fee is Elebested, they

in the tame senfe as we fay the Fee is Elebrates, they far feature aperture.

The Word Elebrate fometimes also fignifies a lawful Inheritance deliending on the Heir. But then, it is usually diffinguished by the Addition of Retfa, as Retfa Elebrates.

ESCHEAY, is also used for the Place or Circuit within which the King, or other Lord, hath Elebers of his Temants. which the King, or other Lord, hath Ejeboses of his Tenanet. And fometimes for a Writ, Iying where the Tenant having Effate of Fee Simple, in any Lands or Tenements holden of a fuperiour Lord, dids feit d, without Heir ge-perard, or fipecial: In which Cafe, the Lord brings this Writ against him that pestelles the Lands, after the Death of his Tenant; and threaby recovers the fame in Hes of

ESCHEATOR, an Officer, who anciently took Care of the King's Figheats in the County, and certified them into the Exchequer, or Chancery. See Escheat.

He was appointed by the Lord Treasurer, held his Office only for one Year; nor cou'd any Perfon be Efebrator above once in three Years. But this Office having its chief Dependance on the Court of Wards, is now out

ESCHEQUER. See Exchequer. ESCHEVIN, or ECHEVIN, in the French and Dutch Polity; a Magistrate, elected by the Inhabitants of a City, to take Care of their common Concerns, the good Order, Conveniency, and Deceration of the City.

Convenency, and Decemtion of the City.

At Party, there is a Prevent, and four Efebruins; in
most other Cities, a Maire, or Mayer, and Efebruins.

In Languedoc, Province, and Damphine, they are
call'd Conjust: At Toulouse, Capitouss: And Joreas at

Bourdeaux. Anciently, the Efabraius were Affeliors, and Counfellors,

Ancienty, the Hoberust were Aftenors, and Commencer, of the Comine, or Judges of Ciries: On which Account they were called in fome Places, Pairs, Pares: They even took Cognifiance of perty Caules themselves.

— Du Carge chieves, that the Judges, and their Affelies.

— Du Carge chieves, that the Judges, and their Affelies, who were chost by the inhabitants, were called *Sestivat, Echevium, and their College, Schringings, or Efferenment.

He adds, that fome Authors call 'em Pacisorii, by reason their Office and Juridiction extended to the securing Peace in their City and Bansieue, call'd Pax Villa.

The Eliberius are also frequently what the Ediles were at Rome, the Sheriffs at London, and the Magistrate call'd Passitas, in the peny Cities of Italy. The Greeks call him afigeriµ⊕, &cc.

call him appended, occ. In Johann, the Ejebovins judges of all Civil Affairs at first Hand. They also take Cognitance of criminal Affairs, and if the Chriminal confess hindelf guilty they can fee their Sentence executed without Append. They can

even give the Torture. The Number is not the fame in all Cities: At Au-fierdam there are Nine, at Rosserdam Seven, Sc.

ESCHRAKITES, or ESRAKITES, a Sect of Philofo-phers among the Mahometans, who adhere to the Doctrines and Opinions of Plase.

and Optimons of *Plato.

The *Elebrakies*, or *Mahometan *Platonift*, place their highest Good and Happiness in the Contemplation of the Divine Majesty; despiting the gress Imaginations of the *Aleoran touching Paradist*.

Alterns touching Paradolfi.
They are very careful or Modeling Vice, preferre as
They are very careful or Model, and divert shoundlives
with composing little Penns, or fightend Sensy.
The Scheter, or Priefin, and the chief among the Preachent of the Imperial Madapue, are Editoralistic. Scherolist
which in the Penns Conjugation of Para Affectors, fighfine to give a prince Little and the Sensy of the Conference to import Humined.

ESCHYNOMENOUS Plants, are the fenfitive Plants; that is, fuch as upon approaching 'em fhrink back, and contract their Leaves. See Serves. Off. contract their Leaves. See Senserve Plant.

ESCLAIRCISSEMENT, a Franch Term, which we fee retain'd in fame late English Writers.

The Word properly fignifies the Act, or Effect of clear The Word properly lignifies the Act, or Effect of elem-ring a Thing, or endoring it more brights and transfla-rent; being formd from the Verb Efelsiveir, roclear, Gr.-But it is chiefly sided in a figurative Secte, for an Explication of an Obstativy, or Difficulty. Epidearelifs-nesses of the Dialogues of the Goda: The Efelsiveifs-nesses of difficult Pallagues in the Bible, is only had from finith Pallague, or Pallague of the Bible Kind coursing in Thus a Bend, or other Partition, Efclatte, is represented torn, or broke eff' like a Piece of a ruin'd Wall; or rather, a Shield broke and fharter'd with the Stroke of a Battle

ESCORT, a French Term, fometimes used in Emplish

An Iffers is a Convey, or Company of armed Men, attending fome Person or Thing, in a Journey or Voyage, to defend or secure it from Insulas. See Convox. A Supply was sent to the Camp before Arras, with an Feort of 1200 Men. In Times of Wast, Merchant Vef-Person of 1200 Men. In Times of Wast, Merchant Vef-

egent of 1200 Men. In Times of War, Merchant Vel-fen feldem fitr much abroad without an Effort of Men of War. People that travel in Tarky, generally take Janiffaries to Effort them.

After the Victory, the General fent the Priloners under fireng Plears into the neighbouring Towns. See Convoy. Some derive the Word from the Latin Cohors. ESCOUADE, is usually the third Part of a Company

of Foot. See Company.

It is divided to for mounting of Guards, and for the more convenient relieving one another: It is equivalent 2 Brigade of a Troop of Horfe. See BRIGAT ESCRITOIRE. See SCRITOIRE.

ESCROL, or Schotl, in Heraldry, a long Slip, as it ere, of Parchment, or Paper, whereon a Motto is placed. See Morro.

Leigh observes, that no Perion, under the Degree of a Knight, might, long after King Henry V, place his Crest on a Wreath, as is now afually done, but only on an

ESCU, or ECU, the French Crown, of 60 Solls, or 5 Livres. See Caown, Livres, Sc. See alfo Coin. The Elea was thus called by Reafon the Efcurbeon, or Arms of France, which they call Elea, was thuck thereon.

Arms of France, which they GOLESTON, we were STREAM, HEIMENT, ESCULVARION, AS SECTION, HEIMENT, ESCULVARION, AS SECTION, HEIMENT, ESCULVARION, AS ASSECTION, CHIEF SIZE OF THE STRING IS, THE TENANT BOOKING BY WHICH WAS AS THE OWN EXPENSE. SEC CAPTER, HE who held a whole Knight's Fee, was bound to ferry a wear of the who held a whole Knight's Fee, was bound to ferry the who held a whole Knight's Fee, was bound to ferry the who held a whole Knight's Fee, was bound to ferry the who held the who held the whole whole who held the whole who held the whole who held the whole who held the whole who held the whole w

when referre and arms for 40 Mays: And he who held half a Knight's Fee, 30 Days. See Saxvez. The fame Term Efensge, is also used for a Sum of Mony, paid by fach as held by this Treamer, when they neither attended the Wars, nor provided another in their Recorn.

Escuarz, was alfo a reafonable Aid, demanded by the Lord of his Tenents, who held of him in Knight's Service, Concefferant Domino Regi ad Moritandam pliam plans de amurbus qui treuet de Domino Regi en Capite de finglii Scatis 10 faledes falvendos, Matth. Patis, Anso

ESCULENTS, are Plants for Food, as Artichoker, Carrots, Turnips, Parfinips, Cabbages, Colliflowers, Ge. See Pelaux, Salaba, Ge.
ESCURIALL, by the Spaniards wrote Escontal, a Term that occurs pretty frequently in our Gazettes, and Learning to New Sec.

ournals of News.

Journals of News. Flories, I surfer Village in Spirie, family religions, I so originary, a large Village in Spirie, family religions, I seem to the East of Acidie, on the Side of Materia, and since to the East of Acidie, on the Side of Carpier states Mountains, acid by others the Phyrocentria. Mountains, and by others the Phyrocentria of Carpier Spiries, and by others the Phyrocentria of Carpier Spiries, and by others the Phyrocentria of Carpier Spiries, and by other the Phyrocentria of Carpier Spiries, and the Spiries of the Order of St. German, badd by the Spiries in force of the Windows of the Woods, and call of the Eferries.

the Wonders of the World 3 and call'd the Ejeutral. Fe. Francijo de les Padres, in a Defeription thereof, custraled, Defeription breve del Monaféria de S. Lorenzo el real del Estonial, Ce. alfures ue it was built by that Prince in Memory of the Battle of 8. Quintin, gain'd on the Day of 8. Lovernene, Lorenzo, a famous Spanfo Sain, and at his Intercession.

The King and Queen have their Appartments therein; the reft being poffes'd by the Monka. Whence, many of the great Transactions of that Court, are dated from the

It has a very fine Church, to which Philip IV. built a beautiful Chappel, call'd the Pantheon, wherein the Kings and Queem of Spain, who leave any Podierity, are Enterted. The reft being laid in another Vault of the firme Church, together with the Infanta's and other Princes.

See PANTHEON, or Scutcheon, in Heraldry, the ESCUTCHEON, or Scutcheon, in Heraldry, the Shield, Coat, or Field, whereon the Bearing, or Arms of any Perfon is repretented. See Shield, Shield, and of the French Ejenjou, and that from the Latin Economy, Shield, which was what Arms were originally box on, dre ever they came

en Bainers; and fill, wherever they are placed, his on fomething representing the Form of a Shield.

The Latin Sentem, no doube, came originally from the Greek Senten, Leather, wherewith the Shields were usually covered. See SHIBLD.

Greit Komes, Lathler, wherevior me oneses were covered. See Stratton. devery frome periceiser Mark. On their Shields was eine Original of Amoury, See Ansa.

The Effections is of a Square Figure, excepting for the Common of the Process and English were strangels: Those of the Process and English were strangels and the Process

Till within a few Hundred Years, the Liganovas of the French and English were triangular: Those of the Spaniards, are fill quite round at Bottom without any Foint: Those of the Italians, are Oval: And those of the Germant in Form of Cartonches

Finet: Those of the Intiliant, see Oral: Anot those of form counts, in form of Convocious, from Convocious, from the Convocious, for the Convociou

The Illentions it dwelfer first February The Illentions it is dwelfed demandated, according to the Divisions. It is called desired, when the perpendicular the Illentions is in called according to a chair Part of the Illentions in Statistics, and divides the whole Illentions is called a called the Illentions of the Statistics of the Illention of the Ill both Extremes, it makes the Fifs, and the Titrend in Pets; When 'tis multiplied, it decominates in Fifth 4. When there are 8, or 10 equal Spaces, Burrelle: A Diagonal from the Dexter of the Chief to the Sinifter of the Point makes it transles; the contrary, double. If it be doubled at equal Diffinence, the fifth makes bande, and the titree in Bend's and the other borry, or titree to Ber's Increasing the Number of the fifth makes bande and cottree; and increa-Number of the free makes betwee and contice; and mena-fing that of the fectord, bette and traverfe.

EXECUTERED A Protection, is an In-efection of Presence, is an In-

of curchoson, or little Efentehoun, which a Man, who hath married an Heireft, and hath liftle by her, may bear over his own Coat of Arms, and in it the Arms of his Wife; a and the furriving liftle will bear both Coats Quarterly. See Parrent.

ESCUTCHEON, and ESCUTCHEON-GRAFTING, in Gar-See ENGRAFTING.

dening. See Engraphing.

ESPALIER, in the French Gardening, a Well-Tree;
or a Fruit-Tree which is not left to grow at Liberty in
full Air, but has its Branches sail'd or failen'd to a Wall,
near which it is planted; and thus growing, it is made
to conform it left to the flat, tho unnatural, Figure thereof. Sec Wall Tree.

ESPALIERS, in our Gardening, are Rows of Trees, planted in a curious Order round the Outfide of a Garden, planted in a curious Order round the Outfide of a Gurken, or Plantation, for the general Security thereof, from the Vickene and Insey, of the Wands, or etc. coly round by Plantation of Conga Trees, Lamoor Trees, Mystein, and other tentiler Plantat, or, tally, for the bounding of Bortholder Plantation of Long Trees, Lamoor Trees, Mystein, and other tentiler Plantati, or, tally, for the bounding of Bortholder Plantation of Long Trees, the Conga Trees, Lamoor Trees, Mystein, and the Lighter's are now comes imos midely UKL, with Refpect to the fast of riche Eucasions: In Minist, 'vin Sound by Experience, that the Ield Birds, or Some Wills, are not

to the fairl of these Intentions: In Missio, 'via found by Experience, that the feld Brick, or fourse Wall, are not of themselves staffstein Security to Frair-Trees, from the Ravages of bidgeting Winds. See Wass. Ind. Ravages of bidgeting Winds. See Wass. Ind. and composit, they repel the Winds, and by that Means damage to tender Plansa, that lie within the Reach of the Epplifers. But these Epplifers ferer to deaden the Vulcious particular the Plansa damage pulses. But these Epplifers ferer to deaden the Vulcious particular the Plansa damage and the Wallows and the Plansa damage and the Wallows are Plansa, eccum-pulsed by the Plansa damage and the Wallows and th

of the Winds, fo as the tender Greens, or Plants, encompatifed by them, refi ferce and quiet.

Thus, if the Effailers, for Inflance, be of Spruce Holly or Yew, they give Way to the Force of temperatures Winds, beating against them, without occasioning any Refilition

Mcfl. Landou, and Wife, direct them to be planted at fome Diffuse, without the outmost Bounds, or Walls of Gardens, Ge. Two, or three Rows of Trees, they think fundients, from 18 of 20 to 25 Foot apart. And as to the Method, or Order, of diposing the Trees, the most commodizes is where the middle Row make every where Equilateral Triangles with the extreme Rows in wing Manner

.

The Trees recommended for making, or planting, these Espailer Fences, are the Elm, Lime, Beech, Scotch Fir, Oak, Pine and Systemores; but particularly the two first. For the Method of Planting 'em. See PLANTING' TALRS-PLANTING SE

PLANTING, 86.
As for Efficient Hedges, or Hedge Rows, for Defence of tender Greens, and Plants from deffructive Winds in the Summer Scalon: If there be Occasion to use them the Summer Season: If there be Occasion to use them the first or fectord Year after they are planed; a substantial Frame of Wood must be made, seven or eight Foot high, with Posts and Rasili. And to this Espatier Firmer, must the side Boughs of the young Trees be tied, to cause the Epalier to thicken the fooner.

As to the Form of fuch an Efpalier, it must be ob-

As no the Name of fash as Eppelier, it must be ob-lean, raming Namb and Soanh.
These Eppliers may be planned of Applea, Pears, Holly, Laurel, Lames, Marke, white Toers, Yor, Gr.
To prevent the Different shar might beful Epplier Fauit Tras when in Bollien, Mr. Fanelly mentions a medicty Man as Brenefferd, who having most Sorts of Pearlin Lightfert, hus perchels Holleys made of Rechile Fauit in Eppliers, hus perchale Holleys made of Rechile for the Company of the Company of the Company of the late Eppliers, as he can be a second or the Company of the late Eppliers, as he can be a second or the contractions of the late Eppliers, as he can be a second or the contraction of the late of the Company of the C

ESPAULE, ESPAULEMENT, &c. in Fortification. ee Erapule, Frankingent, &c. ESPLANADE, in Fortification, call'd alfo Glacis, a

ISST_NATATE, in revitations, cult also Glocis, a Part fairing the Commentation, over 40% spic for Patience, being a Declivity, or Slope of Earth, commenting from the Level of the Commentation, and the Commentation from the Level of the Commentation (and the Commentation of the Exercise Acts of Significant Commentation of the Commentation of Earth (Commentation of the Commentation of the Commentation of the Town, of the Commentation of Commentation of the Prince, See Tature, See Tature, and Commentation of the Commentatio call'd alfo Glacis. a

ESPOUSALS. See MARRIAGE.
ESQUADRILLE, J. See JQUADRIL.
ESQUADRON, J. See JSQUADRON.
ESQUINANCY, in Medicine, a Differe call'd alfoAmgina, Spainager, and popularly Quiency. See Angina, SQUINANCY, Go.

Segtisaker, Ed.

18QUIRE, a Title of Nobility, next below that of Koight, and above that of a limple Gentlemon. So Northern Management of the Segtisaker of Scarria, Stable, or Equifo, Groom.

So many different Ideas of the Formation of the Word,

So many different locus of the Formation of the Word, here given fit to as many about their Office; unleft, perhaps, the latter have given Occasion to the former. Polymers in this Readerbook, L. II. C. 15, maintains the Title of Edginire, Elayer, Scattrias, to be very antient. From the Time of the Deckning of the Readerbook Edginire, License Amay is the occasion Capital, and the control Capital Control of the Polymer No. 10 to occ 1816 Gentile, and the control of the Polymer No. 10 to occ 1816 Gentile, and the control of the Polymer No. 10 to occ 1816 Gentile, and the control of the Polymer No. 10 to occ 1816 Gentile, and the control of the Polymer No. 10 to occ 1816 Gentile, and the control of the Polymer No. 10 to occ 1816 Gentile, and the Polymer No. 10 to occ 1816 Gentile, and the Polymer No. 10 to occ 1816 Gentile, and the Polymer No. 10 to occ 1816 Gentile, and the Polymer No. 10 to occ 1816 Gentile, and the Polymer No. 10 to occasion of the other Scatarii.

the othe Senzerii.

Aut. L. V.V. G. 7 and L. XVI. G. 4.

"faminin. Memerillin L. XVI. G. 7.

"faminin. The desire L. T. 1.

"faminin. The faminin. The faminin. The faminin line was in the Gandi: And brace, probably, it was, that the Gandi: And brace, probably, it was, that the Gandi: And brace, and Schemel, when the Memerillin Commission of the Memerillin Commiss

Solves y ruch, accounting to Conjunct Experies.

Exequing, however, afterwards came to be used in a Exequing, however, afterwards came to be used in a Exequing, however, afterwards came to be used in a Knight in the Wars, and so other military Octabel. A Child Knappen, before him: Whence a knight in the Wars, and so other military Oc-casions; bearing the Shield, Scaram, before him: Whence Scatarins, Scatter, or Scatifer; as also his Launce, and other Weapons: Whence his other Latin Appellation, usual among us, Armiger, q. d. Armour-Beater,

ESS

And hence it is, that in all our antient Romances, the Hero is confiantly attended by a gentle, and truity Squire. After all, the most probable Derivation of Ejemper, is

After ell, the most puckles, Epicrica of Elipser, in an form Figs., Sorting, as in the common Optimic, but from Epina, send that Elipser's very originally what the form Epina, and that Elipser's very originally what the form Epina, and that Elipser's Elips

Chées of Some austient Families are latewist experars or Perfections. In the Protect Painting, Terms figurifies, the first flight fletch, or drought of a Pichura; the first flight fletch, or drought of a Pichura; the first flight fletch, or drought of a Pichura; the first Calman, on Paper, Carrent, or the flike p in Order to be Calman on Paper, Carrent, or the flike p in Order to be Calman on Paper, Carrent, or the flike p in Order to be Calman on Paper, Carrent, or the flike p in Order to Late and the Calman of Paper (Late and Late and Late and orned Delign), but went to work upon the Pigenific, as the Ration as Plandiff of a Fainting only regretion, as

The Word is form'd of the Italian Schizzo, a Splash; b) Reaction an Equitific of a Painting only represents, as it were, Splasher, or Dabs of Colours.

ESSART, or ASSART. See Assart.

To Effort, its to grub up, or extirpate Bushes, Trees, old Roots, Stumps, or the like; in Order to fit the Ground for Tillace. Tillage.

for I'llage.

Du Cange derives the Word from fome of the barbarous Letin Words, Exartus, Exartus, Exartus, Expartus,
Alfartum, Sartum, and Sartus; which all fignific a
Foreft cut down or dug up: Tho Spelman derives it from
the Latin Exartus, torn up, or unroated, Others, from
farrits, to weed. And others, lattly, from enars, to for whence exergre and, by Contraction, Exertum.

In our antient Law Books, Exertum facere in Sylva,

is to Effart a Place in a Foreit.

ESSAY, a Trial, or Experiment, to prove whether a Thing be of the requisite Quality, or Goodness. See

The Word is also used for an Attempt, or Tentative, to learn whether or no a Thing will succeed. Essays of Machines should be made in large; 'tis not enough they second in little. See MACHINE.

Information on the MAGHINE.

In Monafteries, Effan is particularly ufed for a Trial which a Perfon makes of the Monaffic Life, in a fecular Habit. This Effan is of one, two, and in fome Monafferies, of three Monafferies, of three Monafferies, of the Monafferies, of Sec PROBATION.

Some Authors derive the Word from the Latin Em Essax, or Assax, or fimply Sax, in Coinage, U.c. is a Proof, or Trial, made by the Cappel, or Teft, of the Fin-ness, or Purity of the Gold or Silver to be used in the Coining of Mony, U.c. or that have been used therein.

There are two Kinds of Efforing; the one before Metals are melted, in Order to bring them to their proper Frinmes; the other after they are struck, to fee that the Species be Standard.

openess be danhard.

For the fift Highy; the Effayers use to take fourteen for fifteen Grains of Gold, and half a Drachm for Silver; if it be for Mony; and eighteen Grains of the one, and a Drachm of the other, if for other Occasions.

As to the Scood Effay, 'tis made of one of the Pieces of Mony already coind, which they cut in four Parts.

Method of Essaving Gold.

The Eligan Method of Enarrise Gold.

The Eligan Method with the Gold he intends to make the Tital in, very castly, and noted down the Weight of the Control of the Control

their Weight, whose was untue our a great-child the Elgyper is weighing his Massers, a crewit-ciation that a proposal section of the state of the sature fire is lighted to a Furnace, furnished with a Mediter, and a Cuppel, or Tell, for therein to bear. This does, a little Ballet of Lead is put in the Cuppel, of a Weight proportionable to the Quantity and Quanty or the order posts very clear and beight; they put in the Cond and posts very clear and beight; they put in the Cond and

Silver, and let it fuse and feeth till it appear of an Opal Colour, and have fix'd it felf, in a little Lump, to the

Catour, and have first in Edit in a might of an Opal Senson of the Carpet in left to end to some or the General of the Carpet in left to end to the categories of the senson of the Carpet in left to end to the left, and which the Lemps is feparated very to such a base work on the Annual is beauting it agains and speed, a base work on the Annual is beauting it agains and again, so When fulficiently hammers, they got it up in Form of Carpet, or Coffin, and then pur it in a Claff Marafa, for a Carpet, or Coffin, and thus pur it in a Claff Marafa, the contract of the Carpet in the Carpet

which was not one made on the Quantry or steer which was not not made on the Quantry or steer the Apper first; yield so more red Funds. Thus so that Waser being pour! off, and the Cornel kift and the Cornel kift was the part of the Cornel kift was the Cornel was the Corn

Method of Essaving Silver.

The Process is much the fame as in Gold'; only left difficult, and shorter. The Silver is weight, as before; and the fame Furnace, and Maffler, the same free, the same Cuppel wied. Add, that Lead is likewife part in the fame Furnacy and the fame of the same that the control was supported by the Control was control to the Control was Cappel, proportioned to the Quantity and Quality of the Silver to be Essay'd.

The Lead being well melted, and clear, the Silver is The Lead being well melted, and clear, the Suver is part in; and after it is brought to an Opal Colour, and fax'd in a Lamp at the Bottom of the Cuppel, which happens in about half an Hour: They let it cool, and cleanfe it, and fairly, weigh it again, as in Gold: And from its Diminution, cfilmate the Quantity of Alloy.

Essaving of Load.

The Fifter of Gold and Silver being performed by Mesns of Lead; 'tis of the utmost Importance, the Lead be free of say Mixture of cither of the two Mexis: Otherwise the Effer will be faller by reason the Gold and Silver mixed with the Lead, will not evaporate like other Kinds of Allory, but unite with the Mexal under Effer. Kinds of Alloy, but unite with the Metal under Effey. To prevent this Difforder, and affure the Operation, there is no way but to Effey the Lead it felf. This Effey is performed in the same Furnace, and with the fame Cuppels, as those of Gold and Silver: But the

the limit Cuppens, as those or Used and Silver: But the Process is incomparably more fimple. All here required, when the Cuppel is heared, being, to put in the Proce of Lead to be Efford. If this Lead evaporate entirely, 'tis fit for the Purpose. On the contrary, if there remain any little Grain of Silver, &C. at the Buttom, it mult be fet afide. See LEAD.

miles Users of Sorrey, On- as the Bossom, at multi or use Basts, in Marsers of Lexining, in a peculity Kind of Composition; whole Chandler is to be fire, saily, and up and faithful like a formal System. The Marter of an Effoy is deposide to confil princi-poses and at the Rats, address, which are to be the Rats, and the Rats, and the Rats of the Rats, and the Rats, and the Rats of the Rats of the Rats, and the Rats of the property of the Rats of the Rats of the Rats of the Martages, who has got no family Repussion by this Way of Wining, fishon keep may Lines to the Subject to Wining this need to be a real to the Rats of Rats o

Essay-Mafter. See MINT.

ESSE, in the School Philotophy, is used in the same Sense with Essens principally for that which is actual, or actually estilling. See Estatuen. From Essensians, See Estatuen. From Essensians, the same and the same and the obsolete, signifying that which is reduced with Essense, or Nature; or checked with the Vience or Essense of author. Nature; or effected with the Virtue or Ellicacy of another. Some diffinguish Effe into real and intentional; and again into Effortum and Voltrom. See ESELNCE, The Word is pure Latin, being the Infinitive of the Verb Ston, I am; whence Effe, to be.

ESSENCE.

ESSENCE, that which conflitutes, or determines the Nature of a Things or which is absolutely specifizing the state of the Nature of a Things is defined to the that whereby a Thing is defined to be that whereby a Thing is diffinguished from every other

Thing.

The Carrefians hold the Effence of Master to confift in Extension; and on that Priociple, deny that there is any such thing as Mere Space, or Vacuity: But the Hydrafis is allowed under the Articles MAYER,

rheft is falle, as is flewen under the Articles MAYTER, SPACE, VACUUTY, PLENDER, SCOPECHAIP Philidolphors, Galfendur, and most of the Corpelcular Philidolphors, hold the Efformer of Matter to confilt in Soldiert, or Im-perentability, or Refiffiance, or, more advanately, in a Solid impensionability efficiency of the Condy which, it most be allowed, of all the Properties of Matter, focus to have facility Title. See Extrassion, Borr, Salindary, Lurze-feried Title. See Extrassion, Borr, Salindary, Lurze-

sillawi, of all the Prospection of Matter, forces to have the faither? Hith. So, EXTENSION, BOAT, SOCIETIVE, MESTER STATES, SO, SOCIETIVE, MESTER STATES, MESTER ST

Thinking, and cause tell without it, the' this may without my of them.

If mult be allow'd, however, that the Mostrial Properties of a Thing do fo clotely colver, any, and inhere in the Effects it it is, that its fearer polithic to diffinguish the one from the other. Hence, what fome only, that feeting affect all the Artiphates and Properties of a Thing, the one turn the other. Hence, what tome slip, that and with remain is in Effect; in a fore Chimer. Fee six side, e.g., from the list Effect; in a fore Chimer. Fee six side, e.g., from the red of list Armicheus and what and the strength of the side of the si

time: To Asia: Of Cases Of Cassassis, and of Cassassis, and the Cartes. Efforce commany field by the Perfament, are only the O the d Rea, and of hister Allended; a which they give the Smell of certain Flowers, or Spice, as Velect, Joffmin, Cassasson, Ca

Flowers.

ESSENI, or ESSENES, or ESSEANS, an ancient Sect among the Jeves. See Sect.

Jefephus making mention of the feveral Sects among his countrymen; diffinguifhes three; viz. the Pharifeon, Sadducers, and Effeni: Which laft he prefers to the

too former so to their money of TiG. two former, as to their manner of Life. He affures us, further, that they were Jews by Original; from which it should appear, that S. Epiphanius was miltaken, in rank-

cong the Samaritant

in Brief, the Estatistics.

in Brief, the Estatistics have been true Pythagonia Piliferia, every Thing that related to their mannar Philodophea, nor they greatly affect of Living.

References, and all Convertation with Women of devote References, and all Convertation with Women of the Piliferia Convertation with Women of Living Convertage w

References, and all Convertibles with Wow costude and themselves more carrierly to the concemplative Life event the most returned and audient Montane for Fores, what the most returned and audient Montanes are, or wore, smoog the Carrielman, which was what gives them the Protection of the Carrielman which was what gives the Protection Many Carboller Witters have even adouted the Origin of Monks from ten: Building, principally, on what Principal returned trans, who driving are man too Benuches or Politics returned trans, who driving are man too Benuches or Politics

The one who married, and the other who lived in Coll-

returns et um, who draydo em just two prinches of occurs bear. See Mona and Caratantz.

July 1997 form likewife to have had an Eye to thing on the control of the control of the control of Effect. The first, are their whom he call threshold, and who little of Effect. The first, are their whom he call threshold, and who little in Community. The foods, their calls who little in Community. The foods, their calls of the control of the first, and the control of the first particular than the control of the first particular than the first particular nor ever fixed a Teir; but would finile under all their Agonics, Et. As on chirt Learning, Philo findens, in his Treatife, Their every good Man 11 free, volls us, that they defisited Logic, as olicit to the acquiring of Virue: Physics, they left to the Sophifis and Dripaters, as judging it to transfered the housen Foculists; and applyed themforter wheely to Morality. Gate, Egione. Char. ep. Philof. Gener. p. 19.
Enderus holds, that the Effeni, call'd Therapeuta, w

Eighne helds, that the Efferi, cal'd Theorystems, were real Chrittines, or form converted by 8. Mark, who had embesced this held of Life. Sodiger, on the convergence of the convergence other Countries.

SESENTIAL, fomething that is necessary to constitute a Thing, or that has such a Commaion with the Nature and Reaston of a Thing, that it is found, or supported, wherever the Thing it felt is. See Bisasce.

Thus, it is effectful in God to be just. Mr. Zock has overturall that great Principle of the Largelfows, the Control of the Contr

Thinking is offermed to the Soul. See TRINKING.

The Heart, Brein, and Spinal Marrow, are Parts ordinarily fappeded Effermed to Life, or without which Life cannot be; yet we have Inflances in Natural Hiltory, of Childrens being found, and alive, without almost any of those Parts. See Brain, &c.

ESENTIAL Properties, are fach as necessarily depend on, and are connected with, the Nature and Effence of any Thing, so as to be inseparable from its in Distinction from accidental, See PROPERTY.

ESSENTIAL Oils, are fuch as are really in a Plant, and drawn from it by Diffillation, in an Alembic, with Water; in Contra-diffinition to those made by Infolation. See

ESSENTIAL Salts, are fuch as will crystallize in the Juice or Insufice of a Plant; in Distinction from those made by Incineration, See SALT.

ESSOIN, in Law, an Excuse for him that is summon'd to appear and answer to an Action real, or to perform

among the Civilians.

The Castes that ferve to Effain, are divers; yet may be reduced to five Heads: The field is, Effain de nitramare, when the Party is beyond Sec.: The feecond, Demare, when the Brity is by and Sec. The feetand, Di-terred facilities, when on an Experience in the Hely Lands. The third, de melo servent, when he is differed Bedy, for the feetand in the Hely Lands of the Hely four. The fourth, Eiffre de melo Hell, when the He-fonders is felt about. The fifth, de fermine Regis, when he is in the Karold. The fifth, de fermine Regis, when he is the Hely Secrete of the King Calcidat. Lie Word is found of the French, Eiffreien, Lee Engineer mitte, he that has help Pedicine belower upon any fright mitted.

Suit to a Court Baron. It is equivalent to Exempatio

faring milet, ne that has his precinc whom upon any full Cude, as Sicknels, or other Impediment. ESSOINS and PROFFERS. See Propper. LSSORANT, in Heraldry, a Term ufed to expect a Bird itending on the Ground with the Wings expanded,

DITC INTERING ON THE COORDE WITH the Wings expanded, as it is had been wet, and were drying it felf.

ESTANDARD. See STANDARD.

ESTATE, in Law, the Title, or Interest a Man bath in Lands or Treaments.

m Lancas or Actimentals.

Effact is either finiple or conditional: Effact finiple, call'd also Fee finiple, is where a Man by Deed Indented, enfroits another in Fee, referring to him and bis Heirs a Yerry Renz, with this Provife, that if the Rent be behind, Ge it thall be kawful for the Feeffer and his Heirs, Scc FEE.

There Continuat, or upon Condition at Loca, is fach, as hath a Condition annexed to it, the it be not specified in Welting. a.g., if a Man grant to another, by his Deed, the Office of Park-Keeper for Life: this Effact is upon Condition in Loca, viz. If the Park-Keeper shall so long well and truly keep the Park.

ESTATE, or fimply STATE, the Empire, Kingdom, Provinces, or Extent of Lands under any one Government or Dominion.

The Egates of the Grand Seignior, of the King of Spain, &c. are very extensive: Those of the King of apara, occ. are very extensive: Those of the King of Frence are compact, and well peopled. It fally is canced out into a gotal Number of perty Effects.

Minifers of Fiftes, Sciencesives of Effects, Sc. See Minifers of References.

ESTATE is particularly applied to the feveral Ranks, or Claffics, of a People attembled together, for the concern-ing of Meafures, reforming Abufes, or composing the Di-

rbances of a State.

fürblence of a State.

In Egilent, the Three Effects, via. King, Lords, and In Egilent, the Three Effects, via. King, Lords, and In Egilent, the Effect confill of the Charlence, the Nobeliti, and the Third Higher.

Nobeliti, and the Third Higher.

Very ascent Confliction: All we know in, that there were general Affirmible held in the Gards, theire Capital Congress. But then the weep general Affirmible held in the Gards, theire Capital Congress, but the way green a fairnibile held in the Gards, their Capital Congress, but it was only the great Lords of the Realm Literatury but it was only the great Lords of the Realm Errature Gards. ESTATES General. Sec STATES General, &c.

ESTERLING, or EASTRALING. See STRALING.
ESTERLING, or EASTRALING. See STRALING.
ESTERTE, in Heraldry, is afed by the French to fignify a Bealt whole Head has been, as it were, nero off by
Force; and confequently the Neck left rough and ragged: In
Contra-diffusion to deffeit, or decepter, where the
Neck is left immouth; as if the Head had been cut off.

See Derman.

ESTHER, a. Canonical Book of the Old Tellament.
The Stock of Elber, is demanistant firm a othersed fyerost Capter of that Name, in Perfox, whole Beauty period has to the Bad of Adopterm, and the Thomes of the Old the Stock of Elber.

The Catrick are divided about the Author of this

S. Epiphanius, S. Angustin, and Ilidore, attribute Sera; But Enfebius will have it of a later Date. it to Extra, But Englishus will have it of a hare Date. Some aftribe it to Joachim, High-Prieft of the Jess, and Grand-fin of Jaylatch. Others will have it composed by an Affembly, or Synagogue of the Jess, to wbom Merdean, wrote Letters, informing om of what had hap-

But the Generality of Interpreters, both Hebrers, Greek, Latin, &c. aferibe the Book to Mordecai himfelf: Elias Louis, in his Mass. banana. Pract 3. mentions this Sen-

timent as unspectionable.

"Tis chiefly founded on the Paffage, Ch. IX. Ver. 20. where it is faid, That Mordeesi wrote shefe Things, and

for Letters man all the Jones, then were in all the Frencient, See. "In also fregoried, that Queen John Letter, the See and the John Letter, and the John Letter, and the John Letter with the King's Andrewin, we accord Letter with the King's Andrewin, we focus I carry lett, and the King's Andrewin, and the Golmaning a Journ's lett, and John Letter, and the John Letter, and Letter and Letter with the King's Andrewin, we for Letter, in Commenceration of the French Bedge Gelieved.

Some will have the Book to be capture produced to the Comment of the Proceedings of the Comment of the Comme the Scale for its being Canonical throughout: fo that the Matter is determined for the Catholic Countri But as to the Protestants, they retain to the old Opinion, and only admit it as far as the 3 of Verse of the X th

and only summer is as are as the 38 verie of the X10 Campter. See EDUTRAGEANSMICAL.
ENTIVAL, or ENTIVAL Soffice. See SOLETICH.
ENTOLLEE. A Croft Effoliate, is a Star with only
four long Rays, in manner of a Croft, and accordingly
broad in the Centre, and terminating in harp Foints. See

Cress. OFFEL: a Law, an Inspeciment, or Bar of Action Engine from a Company from the Company from the

ESTOVERS, in Law, is used by Bradon, for that Sufferance, which a Man committed for Felony, is to have out of his Lands, or Goods, for himself and his Family,

during Impriforment.
In Star. 6. Edu. 1. it is used for an Allowance in Meat or Clothes. In Stat. West. it is also used for certain Allowanor Clothes. In State 95: It is and the for version that sure cas of Wood, to be taken our of another Man's Woods. In this last Scote Ecourar comprehends House-bose, Hay-bose, and Plove-bose: So that if a Man hath in his

Hey-bote, and Those-bote: So that if a Man hath in his Grant theft general Words, de Ratsonabbit Effouries in English, &c. he may thereby claim all three. In fome Mannors, the Tenants have Common of Effouries; that is, necessary Bores out of the Lord's Wood. See

ALTHOMY.

ESTRADE, a French Term, literally agnifying a public Road, or High-way. Hence the Military Phirtie, Batter FEBrade, to Best to Effende, that is, to feed Scours, or Horfenen, to get latelligence, to learn the Difficience of the passay, and inform the General of every Thing like to full in the Way. An Army nover marches, without feeding Battern's Effect on every Solit.

The Word is form'd of the Italian Strada, Street, or oad, which is derived from the Latin Strata, 2 paved treet. Some derive it from Efradiots, who were Cavaliers

anciently employ'd in beating the Efrade.

Estrante is also us'd, for a little Elevation in the Ploor of a Room, frequently encompaid with an Alcove, or Rail, for the placing a Bed in; and fometimes, as in Turkey, only cover'd with fine Carpen, to receive Visitors

Diffinction in. See ALCOVE. ESTRANGEL, in the Syriac Grammsr. The Eftrag-gel, or Eftrangelus Character, is a particular Species, or Form of Syriac Letters; ferving as the Majuscule Letters

of the Syriac Language of the Syrace Language.

Abraham Echeblengs: takes the Pfirangel Charafter,
for the true, ancient, Cheldee Charafter. And 'its certain,
the Abrillanans, who call thermfelves Chaldeaus, fill occafionally use the Efirangel Charafter; if we may credit
Hestrager in his Telgan. Philol. p. 388. Bilhop Walson,
in his Pralegament, gives us an Efirangel Alphabet.

Bin has Programmen, gives us an Extraoger Exposure.

ESTRAY, fignifies my tame Beaft found within any
Lordfairi, and not owned by any Man; in which Cafe,
being erned, according to Law, in the Market adjoyning,
if it be how claimed by the Owner in a Year and a
Day, it is then the Lord's of the Soil where found.

ESTREAT, in Law, is ufed for the true Copy, or Duplicare, of an original Writing: For Estample, of Americaments, or Penalties, fit down in the Roll of a Coort, to be leviced by the Bailiff, or other Officer, of every Man for his Otience.

Clerk of the ESTREATS. See CLERK.

ESTREPEMENT, in Law, an importifing, or making of Land barren, by contenal Plowing and Sowing; without dee Manaring, Ref., and other Hubbandry.

The Word is allo used, for any Spoil made by the Tenant for Life, upon any Lands, or Wood, to the Psycholic of him in Revertion; as the cutting down of Trees,

fg. Vi.
The Word is derived from the French, Effratier, to

The Word is derived from the French, Effragiers, to mains or the fatin, extriptor.

EFFRATMANN, is alfo a Writ which lies in two Cafes, the core, when a Man having an Alison depending, (where in the Demandane is not to recover Damages as a Writ of Right, thus far light effects, (Sc.) [was, to inhibit the Tenant from making Wait during the Suit.

The other is for the Demandant who is adjudged to re-

The other is for the Demandant who is adjudged to re-

cover Simn of the Land in Quitton, and before Execution, for fear of Wafte to be made ere he can ger Poffeifion, fuer out this Writ.

out this Writ.

ESULA, a medicinal Root. The Efale, is properly the Bark of a little reddilft Root, which produces greec, narrow, milky Leaves, It grows chiefly in France. The they ufe it, its infufed in Vinegar: After which, they draw Extracts from it, afed in the Dropfy.

ESURINE Seles are such as are of a feeting, estings ESURINE Salts, are such as are of a fretting, eating-or corroding Nature; which chiefly abound in Places near the Sec-fide, and where great Quantity of Coal is burnt: As appears from the specify rusting of Iron in such Places.

See Salv. ETAPPE, in War, the Allowance of Provisions and Forage made to the Soldiers, upon March thro' a Kingdom or Province, to or from Winter Quarters.

Hence, he that contracts with the Country, or Territory, for furnishing the Troops in their March, is called

ETCHING, a Method of Engraving on Copper wherein the Lines, or Strokes, inflead of being cat with a on Copper 3 or Graver, are eat with Aqua fortis. GRAVING

Exching was invented much about the fame Time with Estimates on Copper, properly fo call'd; by Alib. Durer, and Luces. It has feveral Advantages over that Art; as, that it is done with more Eafe and Expedicion: that it

that it is done with more Eife and Expedition; that it requires fever lithiumment; and even, that it represents over Eifens, et al., the expension of the Eifens, et al., the expension of the Eifens, Reuns, Geroads, and all mind, Jaine, loods, remore Osjechs, Backlengs, Ge.

The Batherloof of Energing is minus. The Pines being well.
The Marcherloof Energing is minus. The Pines being well record to the Eifens of the Eifens, and the Eifens of the Eifens, and the Eifenstein of th

on that optically thus become, the facts or not length, This dover, the Plega renains to be called, or transferred upon the Plens, which is more cally efficielly than in the common General year for the Plens is which in the common General years are sufficiently with a Needle or Penns; which perfling the Plensht with a Needle or Penns; which perfling the thriven to bay held of the Challe, and to bring off the Manks of the Terred Lones. So as a length, to these X Copy of the whole Delign is all in Generalization and Amazon of the Terred Lones, and Contour with a Plens, the 'the Great Lones, and Contour with a Plens, the 'the Cround, agent the Gopper. The makes after of the Cround, agent the Gopper.

To faith his Work, he makes use of Polums of diver-sites, or Biggeffing and prefits on them femocines more froughly, and fometimes more lightly, according as the feveral Para of the Figures, Ge, require more or left Strength or Boldmet nodes, Hair fixeds, and the remover, timer Objects, and others again, as big as Boddins, made on-lawife, for the deeper Shadowa, and the Figures in the Front of the Work.

in the Front of the Work.
Things thus prepared, a Rim, or Border of Wax, is rais'd round the Circumstrence of the Plate, and Agency form pour'd on; which, by the faid Border, is kept from running off at the Edges.

room running off at the Edges.

The Ground being impenentable to that corrolive Water, the Plate is defended from it every where but in Lines, or Harbes, cut thro! is with the Poins; which, Jirgo open, the Water puffic thro' them to the Copper, and exts into the Same, to the Depth required: Which done, it is into the fame, t

pour'd off again.

Of Enchie Geroends, it must be oblivered, there are two Kuday is to one foly, and the other hered. There are it follows to be supported to the control of the control o

neath. This they expect, pouring it again and again, till it has eaten deep enough.

Add, that the Aqua forris, of which Kind foever it be, must not continue equally long, or be pour'd equally often, or or all the Parts of the Defign. The remote Parts must be bitten more flightly, than those measer to the View.

To manage this, they have a Composition of Oil and

on manage tent, treey have a Completions of Oil and Create, Subservable they cover the Parts that are to be created to the Created the Created the Created the Created as a definitive at first, and take it off angular theorem, as a definitive at first, and take it off angular theorem, as the Created theorem, and the Created theorem, as the Created theorem, and the Created theorem is consistent to the Created the Area Service to the constitution of the Created theorem, and the Created on which the Effect of the whole very much depends on which the Effect of the whole very much depends on which the Effect of the whole very much depend on which the Effect of the whole very much depends on the Created the Created the Created the Created that it does find the Created the Created the Created that the Created the Created the Created the Created the Monthly Created the Created the Created the Created the conference of the Created the Created the Created the Created the conference of the Created the Created the Created the Created the conference of the Created the Cre

tion aforchid.

Laffly, it is to be remember'd, that a fre'h Dip of

Agus forris be never given, without farlt wa'hing out the

Flate in Lit Water, and drying it at the Fire.

The Agus fortis having done its Part, the Ground is

taken off, and the Plate wath'd and dried; after which

onthing remains but for the Arrist to examine it with his Graver in his Hand, to touch it up, and heighten it, where the Agus fortis, &c., has milk'd.

ETERNITY, an Attribute of God, whereby the Dura-tion of his Existence is conceived incommenturable with Time, and exclusive of Beginning, Projects, Ending, So.

ce Gon. Time. Ste.

Son Gron, Taxen M. B. Bergerty, Banang, Ord. Authors are termby firstlichted for a proper sol juli. Definition of Zerarty. That of Bergins the Coyld. Phylip L. V. P. Le v. S. Interminable in the case of Zerarty. That of Bergins is the Coyld. Phylip L. V. P. Le v. S. Interminable in the case of the case of

darare, being here opposed to the moeffare, in Existence. dwares, being bere oppoded to the wolfare, in Exitiendo.

But fuffen the Word Direction how you will, it is fearce conceivable, but by conceiving a Quantity thereof; nor a Quantity, without conceiving a Succeifion.—Others, therefore, define Extrainty by a perfection some, a perfected now of a some fember float, an exertfunding som:
But neither are these unexceptionable; the Words perfections to the superior of the superior of

reas, and feaster-flars, importing an obscure Sort Juration. See Dunarion. ETESIAN Wands. See WINDS.

ETISIAN Weids. See Winns.
ETHERAL Only, a Name the Chymilts give to high
relified Cide, which diffire first from inflammable Spirits.
ETHERAL Only, a Name the Chymilts give to high
relified Cide, which diffire first from inflammable Spirits.
ETHICKS, Franca, a Fram originally Greek, Swie,
applied on the Doninic of Mortality, or Mort Divlogated in the Doninic of Mortality, or Mort Divdate make Exhibit color that regarded private Perfon,
or in a private Cupacity. See Mora Ac.
The Word is found from \$2.95, \$2.00 form the
Montant, Ext Mora the Color of the Color of the
Montant, Ext Marketta.

Now, by Manners, is here meant a Way, or Manner of Now, by Manuers, is beet meant a Way, or Manuer of Living, confirm'd by Caltonn, or Habit; or certain 'Habi-tudes of doing; or Actions which are often repeated; Which, if they be according to right Reafon, the Morats, or Manuers, are filld to be Good; otherwise Bust and

Which, if they be incombine to represent the extraction of the to be Goal a cherwise East of witness. See Goos and Evra.

Figure, the Object of Exhault, is the Exercit of right Figure, the Object of Exhault, in the Exercit of right Figure, the Control of the Exercit of Exhault of

Whence, Ethicks may be defined a right Manner of thinking, in order to attain human Felicity; or a Difei-pline whereby Man is directed to conduct his Will, and the Ethicks may be defined a right Manner of

thinking, in order to attau use-plice whereby Man is directed to conduct his Will, and the Actions thereof, fo as to live well and happily. See Witz.. The principal, any, the only Topucks thereof, are Hap-pited and Manners; whence artife row Parss, or Branches of Ethnets; the fift on moral Happines, considered as the End 5 and the fecond on Moral Virtues, or good the End 5 and the fecond on Moral Virtues, or good

Manners, as the Means to arrive thereat. See HAPPINESS, ETHICOPROSCOPTES, in Antiquity, the Name of

a sect.

Jam Jenny, in his Treatife of Herofes, tells us, that
the Decomination Echicoprofests was given to fach as
ered in Matters of Monthley, and Things relating to
Practice, that were to be done, or be avoided, by

er'd in Matters ur Double of the Arvided Cor.

Practice, that were to be done, or be avoided Cor.

Practice, that were to be done, or be avoided, Cor.

Blamed Things leadable, and good in themselves, or recommended or practified Things Evil. Which she we, that

commended or practified Things Evil. The Word is form'd of the Greek, i3@, Manners, and

Terrairm, offendo, I offend. ### Common Summer the Service of the Satures of the Human Canium. See Survix.

The common Summers are those which scharace the Bone of the Canium from those of the Cheeks; and are four: The Transverfal Estimoidal, Sphenoidal, and Zy-

See CRANIUM. The Ethnordal takes its Denomination from its turning

round the Os Ethmordes. See ETHMOIDES.

ETHMOIDES, in Anatomy, a Bone figure in the mid-dle of the Bafis of the Fore-head, or Os frontis, and at the Top of the Root of the Nofe; filling almost the whole Cavity of the Nostrils. See Nostrates. It has its Name from #5 µ@, Cribrum, Sieve, and 250,

Form ; because all spongeous and cribrous.

First y Kentife dil fyougnosi and orthous.

By its criberos Part is is joyd to the Hardaj by the fyrogone Part, no the Cavity of the Noththia and by the fyrogone Part, no the Cavity of the Noththia and by the part is and incell Part, no the Offsion of the Fysics, with a Polan, into the Cavity of the Cavity of

ETHNARCHA, ETHNARCH, a Governour, or Com-

mander of a Nation. See TETRARCH.

There are fome Medals of Heres' L furnamed the Great, on one Side whereof is found HPSAOT, and on the other EONAPKOT, q. d. Herod the Eshnarch: Now, after the Battel of Philippi, we read that Authony paffing over into Syris, constituted Herod and Phafael his Brother, mio Syria, continued Heras and Phylics his Beocher, Tetritrich, and in that Quality committed to them the Adminification of the Affirs of Spides, Jof. Ant. LXIV. C. 23. Heras therefore had the Government of the Pro-vince before ever the Parthinss energ'd Syria, or before Autigount's Invalion, which did not happen till fix or feven Years after Heras was Commission in Galifer. Jof. 7, 2417. L. XIV. C. 24, 25.

Confequently, Hered was then truly Erbnareb; for he can be no otherwise denominated: So that it must have been in that Space of Time that the Medals were fluck which only give him this Title. Which Medals are a Con-firmation of what we read in History of the Government that Prince was intrusted withal e're he was rais'd to

the Royalty. Josephus gives Herod the Appellation of Tetrarch, in lieu of that of Ethnarch; but the two Terms came to near to each other, that it was very easy to confound them

near to case only control for the first section of the first section of

The Word is Greek, form'd of edy ?, Nation, and arch, Command. ETHNOPHRONES, in Assignity, the Name of a

Sect. See Short.

Sect. See oner.

The Ethophyrouss, or Paganizers, were Hereticks of
the Vitth Century, who made a Proteffice of Christianity,
but joynd thereto all the Ceremonics and Follice of Pagandin, as Judiciary Airelogy, Sordleger, Augustes; and
..., Distantianity Airelogy, Sordleger, Augustes; and And hence their Denomination; from 439@, Nation,

and ogen, Thought, Sentiment, q. d. whose Thoughts, or Sentiments were still Heathen or Gentile. Sentiments were run freenen er Gentie.

They practified all the Expirations of the Gentiles, held all their Fealts, observed all their Days, Months, Times, and Scasons. See Dannelcoms, L. Her of. N. 94

ETHOPOEIA, or ETHOPEA, in Relectice, call'd also Erriococy, and viagarly Filiume, or Fortrait; is a Draught, or Defeription, expecting the Manners, Pafficos, Cenius, Temper, Aims, &c. of another Perfon.

Such is that beautiful Paffage in Salus, in his Belluma Casilinarium, wherein he gives us a Picture of Casiline: Fuit magna vi & animi & Corporis fed Ingenio malo First asseps vi & natura & Corporti | job vo Cortinos, processor vi & natura & Corporti | job vo Cortinos, proposed basis, & ... He shad as succession Strength should be proved the first to be an it want, and wicked Different to the control of the corporation of the cortinos of the cortinos and could instruct a control of the cortinos and could instruce or economical to the cortinos and could instruce or economical control of the cortinos and could instruct on the cortinos and could instruct on the cortinos and could instruct on the could be control of the could be control to the control of the could be control of the could be control to the control of the could be c

The Word is of Greek original, being form'd of 290;

mos, conjustudo, and wase, facto, finge, deferibe. Quim tilian, L. IX. C. z. calls this Figure Initatio morning altenorum; and in Greek, uspesse, Imitation.

ETYMOLOGY, that Part of Grammar, which confiders, deduces, and explains the Origin and Derivation of Words; in order to arrive at their first and primary Signification. See GRAMMAR,

The Word is form'd of the Greek, brup@, nerus, true, and says, size, I fpcak; whence kaysa, Difectorfe, &c. and thence Geore calls the Esymology, Norstie, and Verilespains: The Quintilian chafes rather to call it Ori-

In all Ages there have been People curious in Etymologies: Varro has wrote on the Etymology of the Latin Words; and we have a Greek Etymologycon, under the Name of Nices.

Name ot Niest.

The Expushojes of our English Words have been deduced from the Savon, Weish, Wallow, Damish, Latin, Greek, &c. by Sumer, Cambben, Verstegan, Spelman, Casanbon, Hensham, Skinner, Junus, &c. See Engusten, Those of the French and Ealsan Words, by Monage, in

I hole of the Frence and Balsan Words, by Abnage, in what he calls his Origines: Henry Stephens, Triper, Evers, &c. have allo laboured on the French Etymologies. Guicherd, and Fa. Tomordin, have carried the Etymologies gies of Abnolance of French Words as high as the Hebrew. offel had the fame Defign before them.

We have a Latin Erymologicon of Gerard Voltus, enother of Martinius, &c. Officero Ferrari, has an Etymology of the Balian Toogue: And Bernard & Aldretsa, another of the Spanife.

ther of the Spienge.

Fr. Denn. Pracon,
Albost of Charmoye, and Pricit
fr. Denn. Pracon,
Albost of Charmoye, and Pricit
fr. Denn. Pracon
in the Lyrawogies of Abundance of Greek, Latin, Gerinan,
Premaly, and either Wiscola sized by Plans, Servins, Bonatus;
Premaly, and either Wiscola sized by Plans, Servins, Bonatus;
Corigin, and Expundingly, for Wiscola Knowledge their true
Origin, and Expundingly, for Wiscola Knowledge and their true
the Ross of the Cellis Toogue, from one countried with
the Ross of the Cellis Toogue, from one countried with free Rous of the corres a sugger, from which roundance or Greek, Larin, &c. Words are derived. Bar it must be added, that his Etymologies are frequently so far seebld, that one can scarce see any Resemblance, or Corresponding dence at all.

A first, and follicitous Enquiry into Etymologic A tirid, and fullitions Expairy ton Dynaulogie, in on frivious, and impressen Deliny, but has conditived U.ics. Nicionaysho value themfore on their Antiquity, have abveys lock! on the Antiquity of their Linguistics and of the bell Tritis they could plead. For the Expansion, on of the bell Tritis they could plead. For the Expansion, and lides attached to each World, and from of the Normon and ideas attached to each World, and then of the Normon furnish, as Argamout of Antiquity from the Veiling, or traces remaining theorety and from the Indices in Illiad. Editing in the preferred U.ic of the World, compared with the about U.ic..

Add, that Exymologies are necessary for the thorough Med, unst drymorgies are occentry for the thorough Understanding of a Language: For, to explain a Term precifely, there feems a Necessity of recurring to its first impedition, in Order to freak justily and fatisticities thereof. The Force and Extent of a Word is generally better conceived, and enter'd into, when a Person known its California Person.

better conceive, and control mind, when a Person know of Origin and Exprangley.

The objected, however, that the Art is arbitrary, and bailt altogether on Conjectures and Aupearance 3 and the Exputation of the Conjecture of Aupearance 3 and the Exputation of the Conjecture of the Exputation of the Conjecture of the Exputation of the Conjecture of the C as regular as divers others; having its proper Principles,

and Mentoot. It must be own'd, indeed, that it is no easy Master to return into the antient Eritifs, and Gaulifs Ages; to return into the antient Eritifs, and Gaulifs Ages; to fellow, as it were by the Track, the divers improperable Alterations a Language has undergoos from Age to Age. A fasher Eryandogis has under of all the Liquis in concent, to conduct and bring Gowin Words various and the concentration of the Conduct and bring Gowin Words various and the concentration of the Conduct and bring Gowin Words various and the Conduct and Conduct an

guis'd in their Paffage, and remark all the Changes that guidd in their Pattage, and remark at the changes time have betallen them. And as thost Alterations have foun-times been owing to Caprice, or Hazard, 'the early to take a mere Imagination, or Conjecture, for a regular Analogy; fo that 'tis mothing firrange the Public Should be perja-diced against a Secure which forms to thand on 6 per-

carious a Footing.

EVACUANTS, in Medicine, Remedies proper to expel,
or early off any ill, peccant, or redundant Humor in the
animal Body; by the proper Ways or Emunclories. See

EVACUATION.

Of Engenants, there are divers Kinds, diffirguished according to their various Humours and Emunitories. So

Humon and Emunerony. Numer and Embarters.

Some, e. gr. carry off their Matters by Stool, call'd
Purgatives, or Cathorticks. See Purgatives, Ge.
Obbers by Uring. call'd Districts. See Divarticas.

Others by Drime, call'd Disperieks. See Dispersed Disper

SVA UATION, in Medicine, a Diminution of the animal Fluids, in Order to a Diffusige of fome morbid, or animal Flaids, in Order to a Diffusarge of fome morbid, or redundant Matters therein, or, only, for the Sake of thinning, attenuating, and promoting the Motion and Cir-culation thereof. See Eracus Astra. is preferibed by Art The Matter of a Diffusic, or what is preferibed by Art to remove or cell it, is Discounted two Ways. 1°. By the natural Emuncheries, or Out-less of the Skin; the Notfrils, Mouth, Faucex, Ordonagus, Vestrick, Intestifines,

Bladder, and Urestra.

And 2*. By artificial Outlets, pasde either in the Blood And a. By artificial Outlets, and e cither in the Blood Veillets as by Philosonoy, Artificiatory, Seniglations, and Lachots. Sen Philosonoyava and Scanterioraryous, Grant Control, and Control of the Control Organization of the Control of the Control Organization of the Control of the Control Uters, Philosophy, Sec. Sen Inves. Serves, Fusevia, Gr., Hosce, the first Dillinkhon of Bounants is adverted from the different Emmitteries; and the a.d. from the Divertify of Maxter resonated them them.

Directiny of Matter outsenters there them.
Mail of the Chronical Diffusity, the Elizaminion of old Age, and the fluore Periods of the Lives of Englishmen, Directopes observer, an example to Englishmen, Directopes observer, and example to Englishmen, Directopes of the Kind or evident from hence; that Discountries of one Kind or evident from hence; the Discountries of the Kind or evident from hence; the Discountries of the Chronic Confession of Coupleying, Blothering, Elizaming Line, Purpley, Venning and Sweating, are measiful. Elizaming the Discountries of the Coupley Included the Discountries of the Chronic Coupley and Coupley Blothering Chronical States of the Chronica be more readily evacuated by infentible Perspiration. Essay on Health.

For the Periodical Evacuations of Women. MENSES.

For the Euscustions of Women after Delivery.

For the Documents of Women and Pervey. See Lecinta. The Term is likewife uted in the Art of War: To Focuments a Place, is to make the Garrilian quit, or match out of it, in order for another Power to take Pof-fellion of it, or to make Recem for another Garrilon.

EVANGELISTS, the infpired Authors of the Gofpels. See Gosper The Name Evangelists was likewise given, in the antient

The New Josephilly we likewis given, he do enter Church, to fich a preceded the Gorgel been and there, without being attacked to any periodistic Clarich. In which we have a support of the control of the gold, in a set Chapter of the Adia of the Applica, Vox. 8. bill this does not be the control of the control of the Apolita, Epb. IV. 11. seaks the Energisty. The first Education of the Control of the Control of the Word in the lime Scale. "Mild of their work the the Word in the lime Scale." Mild of their was the con-trol of the Control of the Control of the Control of the Word in the lime Scale. "Mild of their was the con-

Philosophy, began to diffribute their Goeds to the Poor, of Evangelists, to preach Christ to fuch as had not yet heard of him, and to furnish them with the facred Wri-tings of the Gospel.

The Word is derived from the Greek, toury likes, form'd of to, bone, well, and ayland, Angel, Messenger.

O suaves Epistolas tuas uno tempore mili datas anas!

quibus Evangelia que reddam nefeto; deberi quidem

FVANID, A Name fome Authors give to those Co-lours which are not of very long Duration; as those in the Rain-bow, in Clouds before and after Sun-fet, &a See Conturn, &a

Francis are the fame with these otherwise called Fourse Evanua are the lume with those otherwise call'd Fauna-ficial, and Emphatical Colours: See Fannantical, See. EVANTES, in Antiquity, the Pricticelles of Bacebus; thus call'd, by Reaften, in celebrating the Orgia, they run about as if distracted, crying Evan, Pana, Ohe Evan V

EVAPORATION, in Philosophy, the Act of exhaling the Humidity of a Body; or of diffipating it in Fumes or Vapour. See Varour.

spour, See Varour.
Common Selt is form'd, by evaporating all the Humidity Common Salt is form'd, by evaporating an the Humidity in the Salt-Water, or Brine; which Evaporation is either perform'd by the Heat of the Sun, as in the Salt-Warks by the Sea Coast, Go. or by Means of Fire, as in the Salt-Works

Springs, &c. See Saran By the Observations of Monf. Sedileau it appears, that what is raid in Vancor, exceeds that which falls in Rain. Rate

a stars.

Tho' the Evaporation of Liquids is generally look'd
as an Effect of the Heat, and the Motion of the
it; yet Moul. Gauteron, in the Memoirs de l'Academ The' the Air y et Mouf Ganteron, in the Messairs de P. Mestera des Stein. An 1795. Henes, that a quite opposite Caufe may have the fame Effect, and that Laquids lofe a deal more of thich Pars in the fevereli Profit, then when the Air is moderately warm. In the great Froft of the Year 1798, he found, that the greater the Cold, fill the more confidenable the Purpoparators; and that fee it fill fail fill as much as the warmer Liquors that did not freeze.

Dr. Halley furnishes us with fome Experiments of the Oussetive, or Measure of the Procheration of Water, -- The Refult is contain'd in the following Articles:

Reink is consisted in the following Articles:

1.* That Water filled to show the firme Degree as Salt Water, and capeled to a Heat equal to that of a Summer of the Control argues thereo, that if Water as warm as the Air in Sum-mer, evaporates the Thicknels of one 60th Part of an lach in two Hours, from its whole Surface; in twelve Hours it will exhale one tenth of an Inch. Which Quan-tity, he obliveres, will be found alpundantly fufficient to

tity, he obleves, will be found abundantly fufficient to frentfil all he Rains, Springs, Down, &C. See Statio, G.C., In Effect, on this Principle, every to Square Inches of the Surface of the Watter, yields in Vapour, for Jemes, a Cubic Inch of Watter, and each Square Foot half a Wine Print; every Space of 4 Foot Square, a Galloni, a Mile Square, 6342 Toni; and a Square Detere, tuppole of 8-pages Mileson of Youn. See

Raves, So.

2. A Surface of Eight Square Inches, Busjorated,
purely by the natural Warmith of the Water without either Evaforated. Wind or Sun, in the Course of a whole Year, 16292 Grains water to Sun, in the Course of Water, or 64 Cubic Inches; confequently, the Depth of Water thus Eusperated in one Year amounts to 8 Inches. But this being much too little to affect the Experiments of the Franch, who found, that it rain'd 19 Inches of Water or the Frence, who round, that it said 19 inches to water in one Year at Paris; or those of Mr. Townley, who found the Annual Quantity of Rain in Langagire, above 40 Inches: He concludes, that the Sun and Wind couribute more to Eusperation, than any internal Heat, or Agitation of the Water. See Rain.

3". The Effect of the Wind is very confiderable, on a

5". The Effect of the Wind is very confiderable, on a double Account. For the fame Observations shew a very odd Quality in the Vapours of Water, viz. that of adher-ing and hanging to the Surface that exhaled cm, which they clothe, as it were, with a Fleece of vaporous Air; which once investigate the Vapour, it thence forwards rifes in much left Quantity. Whence, the Quantity of Water loft in 24 Hours, when the Air was very fill from Winds, was very finall; Ouantity. when the Air was very till from Winda, was very finall; in proportion to what went away when there was a firong Gale of Wind Abroad to diffipate the Fleece, and make Room for the Emiffion of Vapour: And this, even tho' the Experiment was made in a Place as cloft from the Wind

Add, that this Floor of Water hanging on the Surface Add, that this Fices of Water hanging on the ourse. of Waters in Hill weather, is the Occasion of very fitzage Appearance, by the Refinction of the Vispour's differing from, and exceeding that of common Air. Wheree every Thing appears mird, as House like Steeples, Shirs so on Land above the Water, the Land rais'd, and as it were lifted from

eliser the Weier, the Land raised, and aris over inter trons
to the Section Represents these that the Employeestees
in May, June, July, and Angell, which are nearly equal, are
about these Times as a great as their in the Montals of Necenture, Denember, Julianery, and July
Angellow, Denember, July
Angellow, J

Ecoporation is properly the fetting a Liquor over a gentle Hest, to carry off the most fluid and volatile Parts, without leftining the Quantity of the other Matter the Liquor is in pregnated withat

Evertoretion differs from Exhalation, in that the former is practifed on moift Things, and the latter on dry. See HALATION.

To Evergorate ad Cuticulant, to a Pellicle. Sec Curi-CULA and PRELICES. EVATES, a Branch, or Division of our old Philosophers

the Druids. See DRUID Strabo diffributes the Philosophers among the Britains and Gards, into three Sochs, Bards, Bards, Ovares, Evates,

and Apuson, Druids. He adds, that the Bardi were Poets and Muscians; the Evates, Priests and Naturalists; and the Druids, Moralists as well as Naturalists. But Marcellines, Lib. 15. Voftes Philof. Lock La. and

Hornins Hift, Philofoph. l. 2. c. 12. reduce em all to two Seits, vis. Bardi and Druides. And, laitly, Cofar, lib. 6. comprehends 'em all under the

Name of Druids. Name of 207848, The Energy, of Strake, might probably be what other Authors, and particularly famman. Morcellin. cells Eubolged, Bath M. Boulet, in bla Hill. 4e Provener, L. II. c.a. dullinguilless between 'cm. The Fatte, he fays, were fuch as took. Care of the Sacrifices, and other Cerrontes of Religious; and the Eubolges, these who figure to. Time in the Search and Contemplation of the great via Time. In the Search and Contemplation of the great

My series of Nature. See Eunagus. EUBACES, an Order of Pricis, or Philosophers, among the ancient Gester or Gauss.

Closer takes the Euboges to be the fame with the Livis, and Seronde of Diodorus: Others take the Eubeges to be thinfe whom Strabo L. IV. p. 197. calls Overes, Loates, or Vates: On which Principle there were Room to conjecture, that the Word floudd be wrote Oversus, it being only to militake a F for a T. See

Be this is it will, the Eubsges appear to have been different from the Druids. See what has been shewn under

the Article David. EUCHARIST, Eucharifia, the Sacrament of the Supper, or a Communication of the Body and Blood of Chris

under the Species, or Figures of Bread and Wine. See COMMUNION, SACRAMENT, SPECIES, TRANSUBSTANTIA-TION, CONSUBSTANTIATION, &

The Word in its Original Greek, Eugenes, literally imports Thankjeiving; being form'd of so, bene, well, and

tess, gratia, Thanks.

2008, grains, manus.

EUCHTES, or Euchnyns, a Soct of ancient Hereticles, thas call'd, by reason they peay'd without crasing; imagining that Prayer alone was sufficient to fare 'em. See Prayns.

Their great Foundation, were those Words of St. Pani, Epilt, I, to the Theffaton. C. 5. V. 17. Pray without

Epin: 1, to the 2 regation. C. 5. V. 17. 27-by controlled.

The Word is form'd of the Greek, Engl. Propers whence Engres, the fame with the Latin Processors, Prayers. They were also call'd Enthusiasts and Messatians.

Prayers. I not were also can a Entonings and Augustani. See Environment and a Entonings and Augustani.
St. Gyril of Alexandria, in one of his Letters, takes Occasion to confure certain Moulos in Egypt, who, under Pretence of refigning temfelves whelly to Prayer, led a lasy, feandalous Life. The Orientals, however, lay a further Charge on the Enclires, or Megalians. See Massa.

EUCHOLOGUS, EUCHOLOGUE, a Greek Term, fig-nifying, iterally, a Difcourfe on Proyers; being form'd of

nilying, literally, a Lujcourge on Property owns come or long, Property, and hayof, Diffourge. The Euchologus is properly the Greek Rinasl, wherein is preferible the Order and Manner of every Thing relating to the Order and Administration of their Commonies, Sacraments, Ordinations, &c.

Fa. Goar has given us an Edition of the Greek Emplologue in Greek and Latin, with Notes, at Paris.

The state of the s

EUDOXIANS, a Party, or Sect of Hereticks, of the IV th Century 4 denominated from their Leader Endocries, Patriarch of Alexandria and Conflustinople, a great Deender of the Arian Dochrine

The Endonaus, then, adhered to the Errors of the The Encountering then, addicted to the Errors of the Arrans and Foundatins; maintaining, that the Son was created out of Nothing; that he had a Will diffinct and different from that of the Father, U.S. See Arrans and

EVE TION, is used by fame Aftronomers for the Libration of the Moon. See LIBRATION.

EVEN Number, is that which may be divided into no oqual Parts, or Moieties. See Number. two olgal Paths, or AMDELER. See NUMBER .

EVENLY even Number, is which is exactly divisible by an Even Number taken an Even Number of Times, fuch is 31,5 since divisible by eight, taken four Times.

Eventy add, is that which as Even Number mediured by an Odd one; as 30, which is measured by 6, taken five.

Times

EVERGETES, a Greek Term, fignifying Benefactor; being form'd of \$\vec{v}\$, bene, well, and \$ppor, ofur, Work. It is fill retain'd in our Language, by Way of Addi.

tion, or Epithet, given to feveral Princes, or Kings of Syris and Egypt, who feucreded Alexander. Thus we fay, Prolomy Evergetes King of Egypt; Antiochus Ever-getes King of Syris aftended the Throne 139 Years before

EVER-GREENS, or Perennials, fuch Plants as con-tinue their Verdure, Leaves, Se. all the Year. See Plant,

Of thefe, our Gardeners reckon twelve, fit for English Air, ouz. the Alexerous, Arbusus, Bay-Tree, Boy-Tree, Holley, Josepher, Lauren timis, Phylica, Pyracantha, or Emergreen Thorn, Italian green Privit, and the EVIDENCE, a Quality in Things whereby they become

winble and apparent to the Eyes, either of the Body, or the The Schoolmen diffinguish Evidence, into formal and

Formal Evidence, is the Act of the Intellect, confider'd as clear and diffinct.

as ciear and diffinkt.

Objective Enidence, confilts in the Charne's and Perfpicarity of the Object; or it is the Object it sieff, fo confiltrated, as that it may be clearly and diffinchly known.

Others, divide Evidence into Moral, Phylical, and Mo-

Others orthor generally Evideur, to far as I A Thing is flad to be morally Evideur, to far as I have a diffined Notion, or Knowledge thereof, by unexceptionable Witterlies. Phylically, to far as natural Senie and Rection pointing out any Taing, convince one thereof. Meta/byfically, when I capter for fully and clearly into

and Reaton pointing our any a tange of the Reaton pointing of the Reaton for the Effect of any Thing, that nothing can be clearer. Evidence, is the effective and in that, in Effect, which with Thing, that the Reaton for Crietrion of Truth; and is that, in Effect, which with

Criterion of Treuby, and as taste, as conflictures Treub, See Tasters.

If Ecidence should be found in Propositions that are if Ecidence should be found in Propositions that are faller, we should be compelled into Errors, since the Affent faller, we should be compelled into Errors, since would follow the abstract in necessary. Whence would follow we give to Explence is necessary. Whence wou'd follow this impious Position, that God who made us, is the Au-

this implous Pulifico, thut God whe made us, is not not not of our Enror, sie has conditiented us fo, as to put us under a Necellity of chilling into 'cm. See Enror. It may be added, that us we medifically love Truth, and hate Error, it feems inconditiont with the Nature of a beneficent Being, to form us with a Ever of what we could not obtain, or not know whether we did obtain it er not: Beide that, if we flowed err in Things that are Frident, as well as in those that are not fo, we should ometimes find Contradictions in Evident Propositions, as commonly do in Things that are obfcure.

Evidence therefore muit be allow'd the Mark of Truth;

and those Things must be allow'd true, which carry with 'em such a Degree of Evidence, as obliges us to affent 'em fuch a Degree of Evidence, as obliges us to affirst to 'em. Whatever we fee Evidently agreeable to the Things whereof we fpeak, that we must acknowledge to be true. See Fairm, Opinion, Verisimilities, See Fairm, Opinion, Verisimilities, Co.
The Epicarean allow of no other Evidence but that of Senfe; or that arising from Senfe, (it being a fundamental with them, that Senfe is the first and primary

mental with them, that Soule is the first and primary Centrism of all Trum) See Passarson and Passarcy. Centrol of all Trum) See Passarcon and Passarcy, exhibited by the Seed, or Phassafor, which, when all Impediments to a july judging, as Difficare, Mexico, Medium, 62- being rumoved, cannot be contradicted, or gain-fey 4. Mercirore, the Quefficie height per whether on a Thing be fisch as is appears; the Anthers is met or be grave, till it have been treft and commined all the Ways, and by all the Senses that it can be an Object of.

Ways, and by an ne cennes that it can be an object or. See Sermer, Chiterenson, Epiconeans, See. Evidence, in Law, is any Proof, be it Teffimony of Men, Records, or Writings: It is thus call'd, hecasile the Point in lifter is hereby made Devident to the Jury. See

Men, Records, or Writings: It is there being in the Jury. See Tearmmont, Witness, &c. C. Stir 7 de. Smith Cellmins Doublence to authentic Writings. Stir 7 de. Smith Cellmins Doublence to authentic Writings. Sci. 7 de. Smith. Cell. and deliverd. De Rep.

Angl. Life II.

EVIL, Medium, in Ethicks, a Privation, or Absence of fome proper, or accellary Good; or some due Measure, or Degree thereof. See Goon.

The Schoolmen deny, that any thing is every way Emil; and relitain all Emil, to be only so, quood hav;

as the Thing wants this, or that Degree of a certain Quality, seedings we conditions it, in that relieful good. There is arothing Field, they, without from Good in it when it is arothing Field, they, without four Good in it when the Ewil relieful as in it which; for it is a Being, and but the their control of the the Control of the Co

Image of God, and fullying our original Beauty; likewife madean enthys.

Natural Evis., is a Want of fomething necessary to the home offs, or Perfection of a Thing, or to its answering all its Purpoles. Such are Defects of the Body, Blandnets, Lamenets, Hanger, Difficults, Death.

This Species of Entl's denominated trifls, in meandam,

This Species of Bull is doministanted trifle, inipamentam, the species of Bull is doministanted trifle, inipamentam, and the species of the s

and Firthi.

Afteral Evrt, according to this Philosopher, denotes our Idea of a Quality apprehended in Address which excite Aversion and Distlike towards the Actor, even from Persons who receive no Disadvantage thereby: As Moral Goodness denotes our Idea of a contrary Quality which procures Approbation and Love towards the Actor, even in Persons

reds denotes our feles of a contrary Quellity which procures under the matter Testeders, The contract Testeders, The Noviem furgions in university acknowledged Difference of Ment Gloss and Zind, trees Named. Martin Ground Ment Gloss and Zind, trees Named Martin Ground Ment Gloss and Zind, trees Named Gloss and Zind, trees of Ment Gloss and Lind Contract Gloss and

be Virtue of others, as it has fome fmall Tendency to our the Virtue of others, as it has fome finall Tendency to our Happinefs, either tion its own Nature, or from this gene-ral Confideration, that a Conformity to Nature and Rection is in the general advantageous to the whole, and to in particular: And, on the contrary, difappeove the Vice of others, as tending at the long Run to our particular

Detriment

Others suppose an immediate natural Evil in the Actions call'd Vicious; that is, that we are determined to perceive fome Deformity or Diffectaire from fach Alchom, with-our refiching on any Diffectaires; that may any way refound to us from the Aftion, and that we have a fecter Soufe of Plerfure accompanying fach of our own Actions as are called virraous, whoe we expect no further Advantage from 'em: But then they add, that we are excited to perform those Advons, even as we purfie or parthafe Filters, Strates, Lindslipp, Gr. from Soff-Interest, to

Prétures, Statues, Labelanep, de Troits Soci-meners, or obtain the Pleafire which accompanies the Action. But the Author just mentiond has fleven the Millaker. Some Actions, be proves, have to Men an immediate Goodmets, and others an immediate Eucli, 1. We perceive Pleafire in Fonce, and Pais in others, and are desembled to the present the property of the presence of the present pleafire in Fonce, and Pais in others, and are desembled to the present the present the present the present the present pleafire in Fonce, and Pais in others, and are desembled to the present the present the present the present the present please of the present the present the present the present the present please the present the present the present the present please the please Pleature in forms, and Pain in others, and are defirmined to love, or hate the Doers, without any View of fature Rewards or Paniffments, or even without any larentjon to obtain the fenfible Pleafire of the Good, but from a very different Principle, vis., an internal moral Senfe, or a natural Determination of the Mind to well as the property of the control of the Mind to well as the property of the property Principle, via. a internal moral Senfe, or a natural Internation of the Mind, to receive manible, or disposable manufactor of the Mind, to receive manible, or disposable tion, americally to any Opinions of Advanage or Lofe Torologud to our effects from era; even as we are pleased with a regular Form, or an harmonious Camposition, without any Knowledge of Mathematicks, or fering any Advanage in that Form or Composition, different from the immediate Perfection. See Season, Coop. VIATUR and VICE, BENEVOLENCE.

Evit, or Kings-Evit, in Medicine, a Difease by the Physicians call'd Strume, and Scrophule, confishing of

firthous Tamours, arising most commonly about the Neck, but fornetimes also on the other glandulous Parts, as the Breatle Arm-pits, Groin, Sc. See Synuaz and

The Kings of England and France, have, of a long Time, precended to the Privilege of Caring the Kings-Evil by Tanching. See TOUCHING.

Time, percenties on the extraction to Kings-EastTime Rights, or Finally, 'this field by 'fone, was crignilly
inherent in the French Kings; and those of England
ody claimal it, as an Approaches, or Apparatumes to inteoran Mondaith Writers for the Thing on a different Fronings; and will have to have been predicted by our
Kings, in cardy as Edward the Confeights; which Opinion
Kings, in cardy as Edward the Confeights; which Opinion
Kings, in cardy as Edward the Confeights; which Opinion
Kings, in cardy as Edward the Confeights; which Opinion
Kings, in cardy as Edward the Confeights; which Opinion
Kings, in cardy as Edward the Confeights; which Opinion
Kings, in cardy as Edward to Confeights; which of the Confeights; and Confeights; which is the Confeights of Confeights and Confeights; and Confeights
of England Confeights and Confeights of the Confeights of the

cour.

Streen de Centi, a Religious of Cerbie, who lived in
the Year 1400, and wnote a History of France fill perferred in MS. in the Library of St. Germanis des 1 pros,
defertibes the Predict of Touching for the Evil. After the
King had heard Mafi, a Veffel of Water was brought
him, and his Majiefty having put up his Prayers before the
Altar, stored be deferted for are with his right Hand, and wash'd it with the Water

Matthew Paris will have S. Least the first who pra-chiled it: Others contend, that King Robert was the first who was gifted this Way. "Tis certain, we find no men-tion of any fach Percogative, before the Kings of the

tion of any isich Percogative, before the Kings of the 11th Century, when that Perioc erigind, Fa. Datuel, Hill de Framer, T. L. p. 1021. Polydore Virgil finals hard to prove the fame Virtue in the Kings of England's bet to limb Purpose. Fourn Hift. de Navarre, 1062.

The Continuer of Monfireles, observes, that Charles VIII. touch'd several Sick Persons at Rome, and cured 'em, done cound se lastes, says be, present or Mysters as sure of most on aucs

\$\tilde{g}\$ merrorilles.
The fine Virtae, we know not on what Grounds, is commonly attributed to a Seventh Son, born without any Doughar between \$A\$ also to the Chair of cortins particularly, the Edelt Perion of the House Educate Families particularly, the Edelt Perion of the House Education \$\text{LICAGY}\$, Estous, in Chauch-Hilmy, \$\to\$\$—When the Greek have cut a Loaf, or Fixe of Brend, to conficute it, they break the refit into little Big., and distribute it among the Ferficial who have not yet communicated, or fixed it to Perion which are about 30 and the Fixed to the Technical Chair and the Fixed to the Perion when are about 30 and the Fixed to \$\text{Technical Perion}\$. Bread are what they call Eulogies.

The Latin Church has had fomething of the like Kind, of a great many Ages; and 'twas thence arofe the Ufe of their Holy Bread.

The Name Enlay, was likewife given to Loaves, or Cakes, brought to Church by the Faithful, to have them

Lastly, the Use of the Term, pass'd hence to mere Prefents made a Perfon, without any Benediction. See the Jefuit Greefer, in his Tecatife de Benedictionibus & Maledictionibus, L. II. C. 24, 25, &c. where he treats of

Eulogies throughly.

Ccc *

Endegris transgally.
From a Patling in Bullandar, on the Life of S. Mulnis, Proma Patling in Bullandar, on the Life of S. Mulnis, Proma Patling in Bullandar, on the Life of S. Mulnis, Proma Patling, and the S. Mulnis, Proma Patling, Maria halfe's and hallowed for that Patling Maria halfe's and halfeward for the Patling, Proma Patling, Maria halfe's and halfeward for distributed Conference and Patlings, as a speems from the Life of S. Wandry, C. Ill. n. 14. In the Bullandiffe, Maria Santi.
The Wine for an a Perfect, was and for held as Endery Bullandary smarks further, that the Euchariti is fell was 100 million for the Patlings of the Patlings of

The Word is Greek, Europa, form'd of su, bene, well;

and Mys, dice, I fay, fpeak, q. d. Benediffum.

EUNOMIANS, a Sect of Hereticks, denomicated from

EUNOMIANS, a Sect of Hererick, decominated from Euromanias, Bittings of Copiestes, who, in the IV16 Cen-tury, maintain'd most of the Errers of Arint, and added others to being as, particularly, that be knew God, as well as God knew himfelf. See ARIANE. He re-happing of the Name of the Trintipy. He had additionable this Errors for fome I'me, but having at length made a Diffeovery, he for fome I'me, but having at length made a Diffeovery, he

was expell'd his Sec. The The Arisms endeavour'd to have put him into that of the Evodeent in two Points; whence, instead of being a Samplata, but could not effect it: In Eau thereof, the Timpers, it is faid to Offenders the Evodeent, and Emperor Faunce riskent from Cyatean.

Emperor Faunce riskent dring Cyatean. EUNOMIOEUPSYCHIANS, a Soft of Hereticks of Osculum.

the IV th Century. See HEREST.

the IVID Gentuy. See Hanast.
The Eurosuspensfightens, meaticed by Nitespherus, L.
XII. C. 20. are the fame with these call a Enzythens by
Sections, L. VII. C.11. The Author whereof, according
to Steomers, was an Eurosusian, named Enzythens, and not
to Steomers, was an Nitespheral has lit: And yet this latter
Writter only copies Sciences in this Patflege, 6 that is to
pull doubt, they both fields of the fame See L. But on whose Side the Error lies, is not easy to decide: Valetins durft not undertake to shew it; but contented himself to mark the Difference in his Notes on Successes, as Fa. Fromton has done on Nicephorus.

EUNUCH, EUNUCHUS, a Term applied, in the general, to all who have not the Paculty of Generating, either thro Imbecility, or Frigidity; but particularly to fuch as have been collected, or have loft the Parts necessary thereto.

Sec CASTRATION.

Sec CASTALTON.
In England, France, Sc. Emmels are given made but on Octation of fines Diffestion, which reader fishe an Operation recturity; but in InSty, they made. Emmels, for the outperform the control of the Institute of Control Contr

Recompence.
Tearraire affires us, that in the Kingdom of Boston in the Ball-Lakes, there are every Year made Twenty Tracking Bounds, and feld threes month on the Countries.
The Serajdo's of the Enjern Emperors, are chiefly good Tellimonies, that the rich Bounds' in Perijs and other Countries, keep Serajdo's for third own Ufs. By an Arest of the grand Camber of Ferri in 18-55, it is adjudged, that an Emande onald not marry, not even with the Coulties of the Woman and all the Paries on with the Coulties of the Woman and all the Paries on Recompence.

both Sides.

Claudian has a very fevere Satyr against the Eumneb Eutropius, who had been Elected Conful of Renne. He represents him as an old Woman, dress'd up in the Hours of the Confulate.

nours of the Confulate.

The Story of Origins is netorious: That learned and pious Father, upon a too literal Interpretation of that Patlings in St. Matthews, C. XIX. ver. 12, where mentions is made of, Eutunchs jo born from their Monthers Wanks, — Eutunch who were made fo of Many. — And Eutunch who made themselves Eutunch for the Kingdom.

0) Heaven: Caffrated himfelf. of Hetowari Cultrated himshell.

In the Council of Nire, hands were condemned, who,
In the Council of Nire, hands were condemned, who
further the control of the Council of 'emfelves from the impetuous Motions of Concupiforno. Several of the Emperors made very fevere Prohibitions against the making of Emmehs, or castrating one's felf.

The Word is derived from the Greek, lawy 9, Euroseb; form'd of town 174, Lette curam babes, q. d. Guardian, or Keeper of the Bed.

or Keeper of the Bed.

In the IIII of courty, there was cream a sole of Hereides found, and Emmedit, Emmedit; as having the Selly or found, and Emmedit, Emmedit; as having the Selly or foot, but creat all keep could by Hands on. They test half as foot, but creat all keep could by Hands on a Day test half Relief from the Example of Drigon, who, upon a Milliandermology of one Savinary Works in & Matthews, upon a finishment of the Court of the Co

The Evolute always both roaches and cuts the Evol-The Evolute always both roaches and cuts the Evol-vouri at the fame Time: The Reafon is, that it has two of its infinitely finall Sides in common with the Evol-vouri, or rather exactly placed on two equal Sides thereof, One of 'em withinfafet that of the Evolveur, i.e. on the concave Side thereof; and the other, on the convex Side of in correspondent Side: So that the Evolveuri con-

There is one, and but one Ofculator, to each Point of the Evaluent; but to the fame Point there are an Infi-nity of other Circles, which only touch, and don't Ofcu-The Ofculator and the Evolute make no Angle in

and we then Circles, which only touch, and don't Official the Flore where they have Excellent make to Ample in the Flore where that he Excellent make to Ample in the Flore where the Herne where the Herne th

Carrenny A., in an Properts of G, has deferribed another. Here, the first Garver & R.P.G. is still the Exchange Each of in Tisagens B.D., C.R., See, compenhend do-Fembrer et Roden (1964), or Red (1964)

Part et the new Carre, which thus condits of an infinite tree and different Refull all deviction different Carres and different Refull all deviction different Carres and different Refull all devices and the second of the second devices and the second d

meafuring of Corves,
To find the Radius of the Evolute in the divers Kinds To find the Radius of the Evolute in the divers Kinds of Carrae, with Equations to the Evolutet. See Wolf-Elent. Matth. Tom. 1. p. 514, 60c. Jospant. Or the Since, the Radius of an Evolute, and the Since, the Radius of an Evolute, as equal, and of an Evolute, or exceed it by fome given Quantities, all the Arches of Evoluters may be relikted geometrical Continuous and the Arches of Evoluters may be relikted geometrical to districtions, whence we fee why an Arch of a Cyclophia (including whence we fee why an Arch of a Cyclophia

double its Chord: The Radius of the Evolute being double the fame; and the Evolute of a Cycloid, being it self a Cycloid. See Recrustraction, Creating, Gr. Mont. Variguous has applied the Dockrine of the Radius of the Evolute to that of Central Forces; for that hardware to the control of the Evolute of the County. of the Evaluate to that of Central Forces; fo that having the Radius of the Evolution of say Curve; one may have the Value of the Central Force of a Body which moving in that Curve, is found in the finar-Point where there Ray terminates of the regional sharing the Contral Force of the Ray Point Contral Force of the Ray Contral Contr

Kind of Freedrick under this Denomination. Hitherto, the Mathematicians had only confidered the Perpendiculars let fall on the Points of the Convex Side of the Curve: If fall on the Points of the Convex Side of the Curve: If the other Lines, no preparallellar, were drawn whose the fame Points, provided they were all drawn made to the fame Points, provided they were all drawn made to the contract of the co

8c. An. 1709.
EVOLUTION, in Geometry, the unfolding, or opening of a Curve, and making it deferibe an Evolute.
For the Nature of Evolution. Soc Evolution.

For the Name of Esselmen. See Frequeya.
The Equable Esselment of the Friphyno of a Gride, or other Gure, is find a guedual Appension of the Creamference to Rectifuely, as that all in First do men together, and equally evolve, or subond 3 fo that the fines present Gride, till a till the special of the fines present Gride, till a till the special till the special of the first present Gride, till a till the special till the special for the first present Gride, till a till the special till the first fines in Stripht Gride Gride of the Striphy of the Gride of the Striphy of the Gride of the Striphy of the Gride of the Gride of the Striphy of the Gride of the G

out of Powers, in which Sense it is directly contrary to

Involution. See EXTRACTIO

INVOLUTION, in the Art of War, is a Term applied to the divers Figures, Turns, and Motions, made by a Body of Soldlers, in ranging them in Ferm of Battic, or in changing their from ; either in the Way of Exercise, or

changing their Form; either in the Way Ot EXERUSE, or when in a fixtual Epagagement.

"Tis by the Evolutions, that the Form, and Posture of a Batallien, Squadeon, gife, are changed; either to make good the Ground they are upon, or to pedfels themsleves of another, that they may attack the Emerry, or receive an Online more advantageously.

Consequence.

The Military Evolutions, are Conversions, Counter-marches, or Wheelings, Doublings of Rank or File. Se.

marches, or Wheisings, Denbings of Raths of File, See Convariance, in the see the convertible of the see that the see that the seed of Testife of Ward Enderson, in 1901s:—By Novad Pathatan, on Navid Armannes, in order to put themfolios into a peope Armannes, in order to put themfolios into a peope Armannes, in order to put themfolios into a peope Armannes, in order to put themfolios into a peope Armannes, in order to put themfolios into a peope Armannes, in order to put themfolios into a peope Armannes, in order to put themfolios into a peope Armannes, in order to put themfolios into a peope Armannes, in order to the Armannes, in order to people and the Armannes, in order to the Armann

EUPHONY, EUPHONIA, in Grammar, an Eafincis, Smoothness, and Elegancy of Pronunciation. See Pro-NUNCIATION.

The Word is Greek, form'd of to, bene, well; and

Quintilian calls the Euphonia, Vocalitas; Scaliger, facilis pronunciatio.

Jactiss pronunciasio.

The Eaphonia is properly a Kind of Figure, whereby we (apprefs a too harth Letter, or convert it into a fimoether, contrary to the ordinary Rules. There are Examples enough in all Languages.

in all Laguages.

EUPHORBIUM, or EUPHORBIA, in Pharmacy, a Kind
of Gum, brought from Africa, in little reandills Pecce,
whittle when new, and yellowish when old, very sharp
to the Tade, but void of Smell. See Gum.

The principal Uffer of Empharming, is external; being a
great lingestime in diverse resolutive Philaters, as well as in

Tincture, and Powder for fropping of Gangrenes, cleanfing of

Incture, and Powder for flooping of Cangraeas, cleanfing of foul Ulcers, and exfoliating cations Boocs. Insternally ufed, this a Furgative, but fo violent a one, that 'tia almost out of Doors, as searing of the exert-fary Mucas or Covering of the Stomach and Bowch, and coxidating Dythentics. At two are said the Africant ufe it very commonly; tho' they first quench its Fire in Purlius Water.

Its Powder is a violent Stermatatory, and to be used very cautiously, and never alone, but mix'd with a small Quan-tity of some other Powder, to guard against its incolerable

The Gam we call Emphorbium, is form'd of the Juice of a Tree, or rather Plant, of the fame Name, perty frequent in Mauritains a tho the Species of the Tree, or Flant, has been greatly controverted. The Generality of control or lated Botardis, make it a franksonou Plant; and Mr. Profetter Hermannus calls it the Tathyandhu Mauritainus Alphylind. Angulafus US Myindia. Hort. Med. Ling. Ba-Alphylind. Angulafus US Myindia. Hort. Med. Ling. Ba-

Aphosphes Anguages of Operations are specified and along area, 598.

It has no Leaves 5 but in Licu thereof puts forth along its Stem a Kind of long prickly Eyes, or Buds. Which Buds, it 56, that yield that gummy Jaice, call'd Euphor-

Some Authors will have it, that the Gum is drawn from Some Authors will have it, that the Gum is drawn from the Plant by Inciding a colors, on the contrary, Ity it comes fiponameously. The Juice, we are rold, it is twey fished, and penetrating, hat the Perform substitute the Performance of the

und the 1 rec.

Pliny tells us, that the first Discovery of Emphorbium
attributed to Juba King of Lybia, who denominated
from Emphorbius his Physician. Brother of Mula. Phy-

ian to Augustus.

fician to Angulus.

Etumiller alfature us, that the Plant, which yielded the Emblorishma of the Antients, is now unknown to us; but if we go by Pripry's Deferption, the Plant call? & Schnéide Cell? in the Horston Malchbarient, must be the antient Emphorishma. This Diffeory is owing to Commelinate, Sourgementative of Antierdam, and Profelier of Botany.

EUPHORY, figurities the fame as Zuchraftyfi. See

FUPSYCHIANS. See EUNOMIOEUPSYCHIANS.

EUFSICHIANS. Se Evouorouverentam. EURIPUIS, InHopography . The Word, originally and properly, figurities a curran Strught of the See, between firmers, that the See is fall to Ebb and of the See, between the seed of the See, between the seed of the See is the See i

The antient Circus's had their Euripi, which were no other than Pits, or Ditches, on each Side the Courie; into which it was very dangerous falling with their Hories and

which it was very congrous tening with that it of Chariots, as they run their Races.

The Term was also applied by the Romans, in Particular, to three Canals, or Dirches, which encompassed the Circus on three Sides, and which were fill'd occasionally,

Circus on three Sides; and which were fitted occationally, to repredent Nannaschia, or Sea Battlet.

The fame People call'd their smallest Fountains, or fees & East, Canals in their Gardens, Euripai's; and their largest, as Cafendes, Etc. Niles.

The Word is derived from the Greek, vs. facile, easily,

ad corneu, precipitari.

EURO-Aufter. See Winds. EURO-Notes.

EURO-Norse. D EURYTHMY, FURNYMMIA, in Architecture, Painting, and Scalpture; a certain Majedly, Elegence, and Enfinels apporting in the Composition of divert Members, or Paris of a Body, Building, or Painting; and reluting from the fine Proportions therof. See Pagoronymo.

fine Proportion thereof. See PROFORTION.

The Word is Greek, and fighting literally a Confonance, or fine Agreement, or as we may call it, a Harmony of all the Parts; being compounded of \$\tilde{e}_{\tilde{e}_

Vitrueins ranks the Eurythuis among the effecting in the Beauty of the Confirction, or Affirmation, or Affirmation, the Eurythuise of the Everal Parts of the Work, which render its Affect, or whole Appearance graceful; E. gr. when the Height corresponds to the Breadth, and the Breadth to the Length, Sc.

caugh, Gr.

From thefe three Ideas, (or Defigur, viz. Orthography,
Stomgraphy, and Fragils) it is, that the fame Farythiny
Mappings, and Fragils price is the Farythiny
Mappings, and Farything Viz.
Mappings, and Farything Viz.
Mappings, and Farything Viz.
Mappings, and Farything Viz.
Mappings, and Caroline Stome different orders,
variable Mappings, and Caroline that, but correlloade
in a just and regular Symmetry, and Condition
Farts with the whole. "Employ Account of Archiv. Oc. See SYMMETRY.

EUSEBLANS, a Denomination given to the Sect of Arisas, on Account of the Favour and Countenance, which Englans Billiop of Cofares Shewd, and procured for them at that full Rife. See ARIANS.

EUSTATHIANS, a Name given to the Catholicks of Auticot, in the WorkConney; on Occasion of their Resistal to acknowledge any other litting before S. Edgathun, depoted by the Areass. The Decemination was given them during the Regency of Paulinuss, whem the Arians substituted to S. England thin, about the Years 250, when they begon to held their

Atlemblics apart.

Alternütes apert.

About the Year 510, Leontius of Phrygis, call'd the Euntels, who was an Arian, and was put in the See of Antised, defort the Philathious to perform this Service in that Church; which they accepting, the Church of Ariatic Arian Church; which they accepting, the Church of Ariatic Arian Carlottick.

This, we are told, give Occasion to two Institutions, which have fabilitied in the Church ever face: The first

which have fablified in the Church ever fince: The first was Pfalmody in two Choirs; but, M. Bailler thinks, that if they infiltured an alternate Pfalmody between two Choirs, 'coas between two Catholic Choirs; and not by Way of Rafponic to an Arian Choir. The fectord was the Dosmogy,

Englaturans, and that appearance occase records the Difficulty Party.

S. Flowinuss, Enfloy of Author in 281, and one of his Succession, Alexander in 482, brought to pass a Coalition, or Re-union, between the Englathians and the Body of the Church of Author 6, described with much Solemaity by Theodores, Eccl. L. III. G. a.

Theodores, Eccl. L. III. G. a.

Theodores, Theodores of the Solemaity of the Solemaity by Theodores, Eccl. L. III. G. a.

BUSTATHIANS, was also a Sect of Hereticks, in the IVth Century; denominated from their Author Enflathins, a Monk to foolithly fend of his own Proteition, that he con-demn'd all other Conditions of Life.

He excluded married People from Salvation; prohibited his Followers from praying in their Houtes; and obliged them to quit all they had, as incompatible with the Hopes

He drew them out of the other Affemblies of the faith-ful, to bold ferret ones with him; and made them were a particular Habit: He appointed them to full on Sam-doys; and taught them that the ordinary Falls of the anys; and taught them that the ordinary Falls of the Church were needless, after they had attained to a certain Degree of Parity, which be pretended to. He showed a World of Horre for Chappels built in Honour of Martyrs, and the Alternhites held therein.

and the Attenuous near therein.

Several Vomen, feduced by his Reafons, forfook their
Husbands, and Abundance of Slaves deferred their Mafters
Houlia. He was condemn'd in the Year 342, at the Council

Houlks. He was conformed in the Kear 34x, at the Commu-of Gangret, in Paghidesquist, EUSTYLE, in Architecture, a Kind of Edifice, where the Pillars are placed at a most convenient Diffance one form another; the Intercolumniations being all just row Districtes and a Quarter of the Column; except those in the Columniation of the Columniation of the Columniations of the Columniations of the Columniation o the middle of the Face before and behind, which are three Di-moters diffant. See INTERCOLUMNIATI The Englyle is a Medium between the Pyrnoftyle and

Araofyle. See Pychostyle, &c. The Word is Greek, being form'd of at, bene, well, and sing, Column

Vitravini, I. III. C. z. observes, that the English is the most approved of all the Manners of Intercolumniation; and that it surpasses all the rest, in Conveniency, Beauty,

and Strength.

EUTYCHIANS, ancient Hereticks, denominated from

Eutyches the Archimandrite, or Abbot of a Monaftery at

Conftantinople. See HERETIC.

The Aversion Encycles bore to the Herely of Nestorius, The Averion Engiples here to the Herely et Neglorius, three him into another Extreme, not left disapprose than that he fo warmly oppoint in the Palagage in St. Chril with raid the Unity of the Perfon of Tylin Chril very high, courribated, likewife, to his Delasten. Ne first he held, that the Logas, Word, brought his Body down with him from Heaven: which was a near than the control of the Christian of the Christian of the Palagage of the Christian of the Christian of the Christian of the Arthread Christian of the Christian of th Approxim to the anticy of Apparatrus: Also use as afterwards tellified the contrary in a Synod at Configuration of the was condemned; yet he could not be brought to acknowledge, that the Body of Jefus Christ Christian acknowledge, that the Body of Jefus Christian acknowledge ackn

was condibilated with our.

In Effect, he did not form quice fleady, and confilment in his Sectionarity for he uppered to allow of two fleating to the propered to allow of two conditions. A configuration of deep from the Principles of the Platente Philosophy, which furpoids a Pre-existence of Souls; as condicingly, he believed that the Soul of Fefire Chriff, had conditing the continuity of the Principle and the property of the principle of the was confubfiantial with ours.

See the Differtation of Fa. Hardouin, de Sacramento disaris, wherein that Jefuit endeavours to unfold all the tentiments of the Eurychians.

Scatiments of the Entipolisms.
This Hereby was at first condemned in a Synod held at
Confinentiaphie, by Fluctuae in 448: Was re-examined, and
influminated in the General Council of Chalesdon in 431.
The Legates of Pope Leo, who affilied thereat, maintained,
that it was not enough to define that there were two

The Legates of Pope Zes, who affilled therest, animalié, that it was not cough to define that there were two that it was not cough to define that there were two that the state of the stat

1's Hearly of the Europeinian, which made a very great proposit throughout the Zoff, at length became divided into Several Branches. Ninephenus makes mention of in-oter than excite Some England Branches, and General Control of the Control of the Control Appearance of Helth, and no real Fieth; Others, Exten-odigues, from Penedight Hillings of Meenadries. Others, Feesiblest, from one Junus, Jacobus, of Syving, white In Ell Rabillis, See Joccurivas, July in Branches, where

Bauch chabilità is fill principally in Arisensis, where in fill fabilità, see Locairrax.

Others were cell'd Arishall, etc., whose Head, sed Others were cell'd Arishall, etc., whose Head, sed Others were cell'd Arishall, etc., who field on the Sec Activata and Servata a

Adrites and Computer, with divers others. EUTTCHIANS, were also a Sect half Arian, half Eu-nomian; which arose at Constantinopie, in the IV to Cen-

It being then a Matter of mighty Controversy It being then a Matter et mighty Controverly among the Emonutions at Configuration(s), which for or no the Son of God knew the laft Day and Hour of the World; particularly with Regard to the Pellinge in the Goffel of St. Marthew, C. XXIV. Ver. 56. Or rather that in St. Mark, XIII. 31. where its express of that the Son 3dd not nurse, Alli, 31, where the expressed, that the 500 did not knew it, but the Enther only. Europhin made no Seru-ple to maintain, even in Writing, that the Son did know it: Which Sentiment displacing the Leaders of the Ememoirae Parry, he fequenced from tem, and made a journey to Ememoirae, who was then in Exist. That Heretick acquireded fully in Europhinu's Dockrine, that the Son was not more than the contraction of the con-traction of the service of the contraction of the con-traction of the service of the contraction of the con-traction of the service of the contraction of the con-traction of the contraction of the contraction of the con-traction of the contraction of the contraction of the con-traction of the contraction of the contraction of the con-traction of the contraction of the contr

I not Heretick acquirited fully in Entrychins's Dolfrine, that the Son was not ignorant of any Thing the Father knew, and admitted him to his Communion: Euromiss drying form after, the chief of the Euromiss at Configuration of the Communicant at Configuration of the Communication at Configuration of the Communication of the C

call'd Expidient.

This fame Expidient, with one Thosphronius, as was field in Soomer's Time, were the Occasion of all the Changes made by the Exemution in the Administration of the Changes and the Change and the Cha

EXACTION, in Law, is a Wrong done by an Officer, or one pretending to have Authority, in taking a Reward or Fee, for that which the Law allows not.

The Difference between Exaction and Extortion confifts

100 Difference between Essellion and Extortion confills in this, that Extortion is where the Officer takes more than his Dac: And Essellion, where he write is Recurred, when none index. See Exercaryon.

EXAGGERATION, in Rheteric, a Figure whereby we enlarge, or heighten Things, in adding them appear more than they really are, whether as no Goodnell, Business and the confidence of the Con

The Word is form'd of the Latin, Exaggero, I exagge-rate; which is a Compound of ex, and agger, a Mound, or Elevation of Earth.

EXAGGERATION, in Painting, is a Method of reprefenting
Things, wherein they are charged too much, or marked
too firong; whether in respect of the Defign, or the Co-

Ex 226

Example 19 Experience of the first f

richarders. Dr Phin.

EXAGON.

See HEXAGON.

EXACHODN.

See HEXAGON.

EXACHODN.

See HEXAGON.

EXACT A CONTROL Of the See HEXAGON.

EXACT A CONTROL OF THE SEE HEXAGON.

EXACT A CONTROL Digitary as quadraticy a Perform to more Ecolestical Digitary as quadratic properties. The see HEXAGON.

EXACT A CONTROL DIGITARY AS A CONTROL OF THE SEE HEXAGON.

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EXACT A CONTROL DIGITARY AS A CONTROL OF THE SEE HEXAGON.

EXACT A CONTROL DIGITARY AS A CONTROL D

raking of Positions, and the Beginning of this Positions. Soc Fore.

10 Sec. Fore.

10 Sec. Fore.

11 Sec. Fore.

12 Sec. Fore.

12 Sec. Fore.

13 Sec. Fore.

13 Sec. Fore.

14 Sec. Fore.

15 Sec. Fore.

15 Sec. Fore.

16 Sec. Fore.

16 Sec. Fore.

16 Sec. Fore.

16 Sec. Fore.

17 Sec. Fore.

17 Sec. Fore.

18 Sec. Fore

Deem a Fault of the fine Domoniustion observed both in the Greek and Learn Genetics, on Octome of what we have been a superior of the control of the con-or illipets up, will drow all Men ware are. And again, in Ch. VIII. vs. 38. When the ph Jahne Euchsel, we He to the Charlest State of the Charlest State of the Charlest State of the Charlest State of the Ph. 270 Nomber allows up, the Charlest was off Opinion, his Particle had been influenced, as least at Spe-raging and hear before Harnatine. We Tomple boult by Confustant, was backle, first Nonethrea, on he 247 of Springers, the Day the Tomple had been confused on, in the Land 151 by redfon it was a Commony therein, for the Hillings of Springlant was a size of a Polyle, and the Particle of the Charlest State of the Particle of the Hillings of Springlant was a size of a Polyle, and the p of Gods, and there had in the Confusion of the Particle of Springers.

to tee it.

EXALTATION, in Phylicks, is the Act, or Operation of clerating, purifying, fubrilizing, or perfecting any natural Body, in Principles and Parss; as also the Quality, or Difposition, which Bodies acquire by the Operation. See MATURATION and PURIFICATION.

MAYURATION and PRAISTANTON.

The this Estatement of the flipharmons Part in the Table Statement of the flipharmons Part in the Indiana. The Indiana of the Indiana Ind

a red Colour.

Exalization, in Affrology, is a Dignity which a Planet
acquires in certain Signs, or Parts of the Zodiac; which
Dignity is fupported to give 'em an extraordinary Virtue,
Efficacy, and Industries.

Filescy, and Inducence.
The epoches Supp. or Part of the Zodiac, is call'd the
Digitalize of the Planet. See Digitarrow.
Thus, the filterant Dugue and the Escalazion
Thus, the filterant Dugue and the Escalazion
than the Control of the Planet at the Time of the Creation
That of the Sun, in the 19th Degree of Joirts and Digitalize in Lebras. That of the Moon, in Tames, the
Thomas growt the Radion hereof in the arm floor.

EXAMEN, or EXAMINATION, an exact and careful Search, or Inquiry; in Order to different the Truth, or Faishood, of a Thing.

The Way of Authority is, without Comparison, more easy, and better proportion'd to the Reach and Capacity of simple Man, than the Way of Diffusion and Resease.

Nicole.

Such a Perfon had his Houfe robb'd; and has made a fevere Essamination of all his Dometticks, to find out the Criminal. A Student flands a rigorous Essamination to be admitted to a Degree of Mafter, Barchitot, Defor, 650.

Con DECREE.

be adminted to a Degree of Marler, Batchica, Dachin, Sci. Son Dicasta.

Dicasta.

Martine of the Company of the

As, the Wars of the Thebasis, against their Neighbours the Phasians, was rainous; consequently, that of the Athenians against their Neighbours, will likewise be

ruinous.

EXANTHEMA, in Medicine, an Druption, or Efficreference on the Skins. See Excurtion, &c.

Examthemate are of two Kinds: The one only a difcolouring of the Skin; fuch are the Meaflet, the purple
Sports in malignant Fevers, &c.—The other are little flow. Puffles, only imalier. See Measter. Sic.

The Word is form'd of the Greek, sterosa, Effervelon, Efficience, I flower, or work on

Fffmrigs, I flower, or work out.

EXARCH, EXARCHUS, in Anziquity, a Name given by
the Emperors of the End, to certain Officers from into
the End of the End, to certain Officers from into
the End of the End of the End of the End of the
the United States of the End of the End of the
the City of Revenues, against the Louderful, who
that much themselves Marines of the greatest Platt of the refi.
The Residence of the Entreth was at Revenues 4 which
City, with that of Rows, were call that was left the
City, with that of Rows, were call that was left the

Emperora.

The first Exarch was the Patrician Boethius, famous for his Treatife, de Confiderione Philosophie, appointed in 568 by the younger Julia. The Exerchs Lubsticed about 185 Years, and caded in Engelius; under whose Fearcheast, the City of Revenues was taken by the London Patrician Company.

Exercher, the City of Revenue was taken by the Lieb-berd King fidelity, or fidelity in the Lieb-berd King fidelity, or fidelity in the Lieb-t-Lieberghood, in his Propyleum ad Alla Smill. Mill, Experience and Office of the Exer-tion of Lieb; in the Charger and Office of the Exer-tion of Lieb; in the Charger and Office of the Charge. The Word is found from the Greek, deep Or, Chief Commander, and particularly in the Rations of Lieb; Hanner, Phills, and other anticar Authors, give the Name Beared to the Charges, or Miller of the Singers, in the

antient Chorus's; or he who fung first: The Word dere or espanse, fignifying equally to begin, and to comman See CHORAGUE

See Chron Acut.

The Emperor Frederic accated Heraclius Archbifhop of Lyons, a Defondant of the illustrious House of Monsteilers; created him, we fay, Exarch of the whole Kingdom of Eurymedy: A Dignity, till that Time, uncown any where host in Italy, particularly in the City of Ravenus. Memotrier High, 5e Lyons. Exarcn of a Directle was, aniently, the fame Thing with Primate. This Dignity was inferior to the Patriarchal, yet greater than the Metropolitan. See Primarx.

Exarch, is also an Officer full fubfilling in the Greek

EXARCS, is any an owner the second of Deputy, or Logar Church. See Gazes.

The Modern Exarch is a Kind of Deputy, or Logar a latere of the Partiarkly, whose Office it is to wife the Provinces allocted him, in order to inform himself of the Lives of the Control of Exclusives. and Manners of the Clergy; take Cognizance of Ecclefiastical Caufes, the Manner of celebrating Divine Service, the Ad-Castes, the Manner of celebrating Divine Service, the Administration of the Searmeness, particularly Confession, the Obstevance of the Canons, Monalitical, Discipline, Affairs of Marriages, Divorces, &c. But above all, to thick Account of the Feveral Revenues, which the Partiarch receives from feveral Churchet; particularly, as to what regards Associated to the General Canons of the Service Countries of the Canons of the Service Countries of the Canons of the the collecting the fame. Ddd .

The

EXARCH, is also used, in the Eastern-Church Antique for a General, or Superior over feveral Monatteries: The fame that we otherwise call Archimandrite; being ex-

fame that we otherwise call frezionantiers; being compred, by the Enthight of Conference of the United States of the Enthight of Chief of all the Amborstas within the Turnivary of ferrifales. Din Binit Exange was also a military Digney, See Din Conference of the effect of the Enthight of the Enthight of the Enthight of the Enthight of the Enthigh of the Enth

EXCALCEATION, the Act of putting off the Shoes. See SHOE.

Among the Hebrews, there was a particular Law, whereby Among the Holyrevit, there was a particular Law, whereby a Widow, whom het Hashoush Strucher erfailed to matry, had a Right to immons him into a Coart of Judice; and upon his Refufal, might adjalenteet him, i.e., pull off one of his Shoes, and fight in his Face: Which were both Actions of great Ignenning among that Poople.

The House of the Perfon who had undergoen them, was thenceforward call'd the House of the 2Digalenteets.

henotieward cell'd the Host of the Dijusteesses. EKCAVATOR, he All of holdening, or digging a Genry particularly in the Gressel. Genry particularly in the Gressel. He Haston cell'd Condigne, is fetched by Pesistan at a first Part of the Height of the whole Bailding. Unleif there he Colles under Grossel, in which Colle is would The Wood is Listin, Experience, but of the seed of BACHLIAN CT, a Qualitor, who are not accurate to the Colles of the College of the College BACHLIAN CT, a Qualitor, who are set qualited for that the Uniformly as nor being Princip, and yet are to be

that of Highness; as not being Princes; and yet

that of Highney's, as not bung Princes; and yet are to be elevated above the other inferone Disgnities. See Quality. In England and France, the Title is now peculiar to Embafiators; but very common in Germany and Bals, Thofe it was first infected to, were the Princes of the Blood, of the foreral Royal Hendes; but they quitted it for that of Highneys, upon feveral great Leeds afforming

for that of Higgmens, have source of the Executions, Son Higgmens, The Embedfishors have only bore it fince the Year 1575. The Embedfishors have only bore it fince the Year 1575. Embedfisher to the Pepe's where be time Appellation was with Locality to the Embedfisher to the Pepe when the Theory of the Pepellation was the Locality of the Courte of the Pepellation was the Practice (speed thro' the other Courte From whence the Practice (speed thro' the other Courte.

See EMBASSADOR. The Embaffadors of Venice have only had it fince the car 1636, when the Emperor and King of Spain con-Year 1636, when the land to allow it them.

The Embariadors of Crown'd Heads, difpute the giving

that Title to the Embelfadors from the Princes of Italy; where the Practice is nor effablish'd. The Court of Rome never allow the Quality of Excel-lency to any Embaffador who is a Churchman; as judging it a fecular Title.

The common Rules and Measures of Excellency are a little varied with Respect to the Court of Rosses.—The little varied with Respect to the Court of Rosses. In Embaffadors of France, at Rosses, antiently gave the Title Excellency to all the Relations of the Pope theo reigning; to the Constable Colonne, to the Duke de Braccione, and the eldest Sons of all those Lords; as also the Dukes

Sweells, Cefarini, &c. But they are now more referred in this Refrect; tho' they still treat all the Roman Prinseffes with Excellency. The Court of Rome in their Turn, and the Romen The Court of Rome in their lufts, and the Roman Princes, below the fame I'lle on the Chancellor, Ministers, and Secretaries of State, and Prefident of the Soversign Courts in France; the Prefidents of the Councils in Spans; the Chanceller of Polond; and thole in the first Dignition of other State, if they be not Ecclediaticks.

The Word Excellency, was antiently a Title of Kings

The West Executions, was antenty a Title of Kings and Emperons, coursely, Amplified the Libery-Korch, and Emperons, conceiling, Amplified the Libery-Korch, and the Dogs make the Title of Sevenilla, the Soutses are added for water for Emperons to the Committee of the Committee o

The Exerch, after having greatly enrich'd himself in Maxim. 'Tis dangerous following the Exception, preferably his Poft, frequently tifes to the Partierchese himself. See to the Rule. Exception, in Law, is a Stop, or Stay to an Action

The Term is used indifferently both in the Civil, and Common Law, and in each, Ecoptions are divided into Dilatory and Percuptory. See DILATORY and PERCUPTORY. Ecception, in a general Senfe, includes all the Kinds of Deleuce, or Vindication, which a Perfon, against whom a Process is brought, makes use of to prevent, or retard

a Procedi in Posspita, makes sulo di to prevent, or transi in Edici. See Prata, Gr., The Civilians reckon three Kinds of Exceptions y in: Decisionstrue, Merchery the Ambenity of the Judge, or Constitution of the Constitution of the Constitution of the vent the Thing from coming to an Iffice as the Con-vent the Thing from coming to an Iffice as the vent the Thing from coming to an Iffice as the realized as the proper and perfected Allegations, featable on fome Preference that Hunds for the Defan-dant, as Want of Age, or chee Quality in the Party or each Minter, that may be decided without contenig into a fail Directions of the Afferts of the Cante.

EXCENTIVE Propositions, are those wherein fomething is affirm'd of a whole Subject, abating fome one of the Parts thereof, which is excepted by a Particle, thereo call'd an Exceptive Particle, or Particle of Exception. See PROPOSITION

Thus, all the Sects of the antient Philosophers, except the Platonifts, held God to be Corporcal. Covetousness in inexcusable in Respect of every Thing, but Time.

EXCESS, is diffinguish'd into Natural and Moral: is a Part whereby one Quantity is greater

than another. - Thus, we fay, this Line is longer than that; but the Except is inconfiderable. The latter, is an intemperance, or going beyond the just Bounds and Measures preferibed to any Thing: Thus, we fay, Excels in Wine, Women, Sc. is prejudicial to

EXCHANGE, a Permutation, or an Agreement; where-by one Thing is truck'd or given for another. See Permu-

The first Commerce carried on among Men, Exchange; People furnishing each other mutually with what Things they wanted: But fuch Exchanges were clogg'd

Things they wanted: But fuch Exceptinger were cogged with two condectable Difficulties; ** On Account of the unequal Values of Commedities: And, ** In that every Body had not just what might accommodate him be would Exchanger within. See Comment.**

To remote their Incommencation, Money was invented for a common Medium, and infliend of Exchangers, Buy-

for a commion Mostlum, and miceal of Lexchanging, Buy-ga and Sciling, was introduced. Sc. Mosses. Yet there are Nations among whom the Primitive Way of Enghang fill channes And even among the moft el-villized People, there are frequent Octaficos, wheron they have Recoast on this Michol. — Such, for inlatine, is the Trade of feveral Cities of the North, and Baltic Sea, where the Fench sexchange their Wisses and Benadies for where the Fench sexchange their Wisses and Benadies for

where the French sendange their Wisses and Bernades but Woods, Merial, Hemps and Jerus,
The Commerce of Bills of Jendon's Montage in it fift, a pure The Commerce of Bills of Jendon's Montage in the Com-parison of Moore, for Indiance, which I have here at Jendon's In-with a Merchang, or Banker, has at Visite, Rause, Jun-ferdan, or Comforminght. In this Sende.

Excu ason I properly demote the Butterie, or Trade of Excu ason I properly demote the Butterie, or Trade of Excu ason I properly demote the Sender, or Trade of Excu ason I properly demote the Butterie, or Trade of Excu ason I properly demote the Butteries.

Monoy, carried on brivene one Place and another, by Mensor of Balls of Exchange; i. e. by giving Money in one City, and receiving a Ball are entitle you to receive in Exerca assot, it also failed for the Prefit, which a Metchant, Negotian, or Broker, receives for a Sum of Money puls, and for which a Ball of Ecchange is drawn payable in fome other Place, and by form owner Perfon; jee the Money, or the Salay and Keeward of his Necessity of the New York of the Necessity of the New York of the

Negociation.

This Field is exceeding various; being forecimes a, the Allen y is of even as and at y for Cher. according to the control of the property of the control of the planting, or like a planting, or like a planting, or like a function of the factor of the factor of the planting, or like a function of the planting called the planting, or like a function of the planting of the Cher. Planting is not planting to the Cher. Planting is not planting to the Cher. Planting is not be made; for the planting to the law of that of the Planting the Cher. Planting is not be made; for the planting to the cher. I want to the planting to the cher. When the charge is not all the cher. When the charge is not all the cher. The charge is not all the cher. The charge is not a first the charge is not a first the charge in the charge in the charge is not a first the charge in the charge in the charge is not a first the charge in the charge in the charge is not a first the charge in the charge in the charge is not a first the charge in the charge in the charge in the charge is not a first the charge in the ch

The Word Exchange, according to fome, is derived from that perpetual Alteration observed in the Price of this Exchange, which is forestimes higher, and forestimes lower; there being iometimes formewhat to get, and formetimes to lofe thereby; and formetimes nothing to be either got or loft: As is the Cafe when the Exchange is at Par. From this Diversity in the Price of Euchong, either state common Forwish, The Euchong and the Ward are offers elegating.—But the more amount Way of ediring the Word Euchongs, in from this, that a Man here enchanges the Money for a Bill, or that he design perform Money for the performance of the Company of the Company, the contract of the Company of

on him who lends. It likewise differs from Energel, in that Exchange is not point in proportion to the Time, which letter it is See lavranay and Loays. Excensors, is also fudel in divers Places for the Dor, Excensors, is also fudel in divers Places for our of Special, of Monry for snother, — The good one Sour, or Special, of Monry for snother, — The good on Sour, or Special, of Monry for snother, — The Exchange, Startest Exchan

rofit, allowed ... See Acro.

half. See Agro. Excurance, is also a public Place, in most confiderable Excurance, is also a public Place, in most confiderable Cities, wherein the Merchants, Negotiants, Agents, Brankers, Bernetters, and other Ferfonce concurred in Commerce, meet, on certain Days, and at certain Times thereoff, or confer, and treat together of Matters relating to Exchanges, Remittence, Payments, Advancers, Afturances, Verogliments, and other Mercantile Negotiations both by

Freightmens, and other Rusvanus. Annual Pressure, their Land and Sea. In Flanders, Holland, and feveral Cities of France, their Places are call'd Bourfes, at Paris and Lyons, Places de Chinge; and in the Hunt Towns, Colleges of Merchans. See Burss.

The American and with the read Eurobed, and Merchans and Nogenizars are in Indipentally reprined to astend at them; that a Perion Aldrear shoe, make his frequent of a relative or Bankrupe. See Bankrupe. The Highest of See Bankrupe. The American and the see Indipendent of Americans, and that of Handon, cill'd the Reput Extension. See Read Exchange and the See All Exchange and the See Bankrupe. The American and the American See Bankrupe. The See Bankrupe was little infector to other of Derman Historians and the American Exchange to the American Exchange the American Exchange the See Bankrupe and the See Bankrupe the Lodge; and now, usually, the Place of St. George. Car Consumer

See College.

Exchange, in Law, is the Compensation which the
Warrantor must make the Warrantee, Value for Value,
if the Land warranted be recovered from the Warrantee,

Coin. These Places have formerly there is only one, viz. that of joyn'd with the Mint. See Miny

goya'd with the aulit. See Silby."

Bill of Exchange, is a Witing given by a Merchant, or other Negotians, to procure a Sem of Moncy to be paid the Bearer thereof, in four dillant Place; in Confideration of a like Sum paid the Writer, by the Perfon in whole Behalf the Bill is drawn. See Bill see Exchange.

What we call Rechange, is the Duc, or Premium of a focood Exchange, when a Bill is proteined. See Re-

CHANGE.

Exchange. Brokers, are Persons who make it their Bassines to know the Alteration of the Course of Exchange, to insum Merchants how it goes, and to notify to their who have Moncy to rective or pay beyond See, who are proper Persons for the Exchanging and doing thereof. See Bassas.

proper Persons to Sec Baoara, when the Matter is accomplished, that is, the Money paid, they have for Brokage 2 Shillings per 100 Pound Secting.

Sterling.

But of late, the Humour of gaining, and dealing in
Stocks, hath fo prodigiously increased the Number of Perfons who act as Brokers, that their Business, and their Pay, is very uncertain.

Excuangers, are those who return Money beyond Sca, by Bills of Exchange, &c. call'd antiently also Excess-bistors, and fince Remitters. See Excamplators.

Bessors, and fines Remitters. See Excassing to the EXCHEOUER, or fimply, furty parts, Cloth-Beart 2 or a Frame divided into a Squares, or two Colours, where the Colours is the Colours, which is the Colours in the Col

Excenques, is also a Chamber, or Apartment in Wol-mingler-Hall, confilling of two Parts; the Cours of Excel-ques, and the lower Europear. The Cours of Excenques, is a Court, wherein ate rice all Causics relating to the King's Trening, or Rev-noes as, touching Accounts, Disburierents, Carlons, Fines, Ce. See The ABBUR.

Sc. See TREASURY.

It confilts of Seven Judges, viz. the Lord Treasurer,
the Chanceller of the Exchequer, the Lord Chief Baron,
and three other Barons of the Exchequer, with one Cla-

fitor Baron See Cuancerton, &c.

the three conf decimalation, \$5.

The Lord Chief Baron is the principal Judge of the Court. See Banons of the Eucloquer.

The Court of Eucloper is claimed in two: The Court of Eucloper is claimed in two: The Court of Eucloper is considered in the Court of Euglin before the Court of Euglin before the Eucloper Chamber, is corner Temperary, Court of Euglin Court of Euglin Court of Euglin before the Euclopean Chamber, is corner Temperary, Court, and The Euclopean Chamber, is corner Temperary, Court, and The Euclopean Chamber, is corner Temperary, Court, and The Euclopean Chamber, is corner to Euglin Court of Euglin Cou

For a long Time after the Conquest, there fate in the Exchanger, both Spiritual and Temporal Barons of the Realm: But of later Times, there have fat in their Plaees other Judges, who, tho' no Peers of the Realm, yet

content of the conten the Repofitory of the Records of all the other Courts and that it was and that it was to be held in the King's Court, and be fore him; and that it was concerned in the Prerogative, as well as the Revenue of the Crown.

as well as the Revenue of the Cowen.
The immediate Perdis of the Cowen, as of Franchile,
Lank, Tocement, Heredizment, Delay, Duties, Accounts,
Cood, Chartick, Bilbhedrescer, Seirmer, sold Fires,
Improble on the Sahjed, Ge. are within the Jurifilizion
Improble on the Sahjed, For are within the Jurifilizion
Balli, for any matter concerning the King in investment
or Profusy to also may any Yerbon, who finds kinsielf
aggireed in any Conference order in the Minister
of the King, or any Patron, who finds kinsielf
aggireed in any Conference order in the Minister
of the King, or any Patron, yellow the Minister
has been applied to the Minister of the King, or any Patron,
White has plain aggireed to the Minister of the King, or any Patron,

Minister of the Minister

hibit has Bill against the King's Attorney, O.s. to be relieved by Equity. See Court, Kino, Us. To this Court belong two Offices, the King's Remem-brancer's Office, and the Lord Treasurer's Remembrancer.

See Rememberances.

Authors are divided about the Origin of the Denomiation of this Court, Exchequer. Du Cauge is of Opination of this Court, Executive Time Large is to Squeinles, it came from a Chegater-wrought Larget, covering the great Table in that Court; or from the Parament of the Court, which was Chegater-wife: Others, from the Accompanies in this Office using Chegater, or Chefs-Boards, in their Computations: Nicodi, from the Court's being composed of different Qualities, as the Pieces or Partitions in a Chefs-Board: Others, by reason People Particion in a Chefi-Beard Cohers, by reaftor Propleside beer, regged, as it were, in Battle army, at they do as Chefi. Memoge, after Pribos, for, in Battle army, at they do as Cheff. Memoge, after Pribos, local Cherico the Word Recorded the Commissioness cell in sucient Philes, Melli Danwisel. Spelman, Rec. derives it from Schatz, which ganglies, Treaffers: Whence Polyhear Firsy is allowards it, Scattarium, infended of Sancaborum. Lathy, Sommer-bear it is my delayer, to arrive the which, according to

14, Scatterium, intelled or acceptance and a sounding to derives it from Schoot, to raving, which, according to him, is the Character of the Treatury.

The Lower Exchangum, calld allo the Receipt of the Exchopure, is the Place wherein the King's Revenue is received and disburded. See Revenue and Thankeux.

coo'd and dichured. See Revenue and Transtan.
The principal Officers whereof are, the Love Treafprer,
Secretary of the Treafpres, a Chancelle of the Exchener, two Chamberlain of the Exchequer, an Auditor
of the Recips of the Exchequer, four Tellers, a Cast
of the Pells, an Ulber of the Recips, a Taily Cutter, Pells, an ce. See Lond TREASURER, CHANCELLOR of the Exbequer, Secretary, Chamberlain, Teller, Pells,

CONSULTANT, BECRETARY, LHAMBERLAIR, ITELIA, TELLA, TALIT, GE.

Black Book of the Excuragement is the Exchanger; first on have been composed in 1175, by Gernali of Magney, Explow of King Harry II. and divided into fever and the control of the state of t

Herein is commin'd a Description of the Court of England, as it then flood, its Ornors, their Ranks, Privi-

leges,

leget, Wages, Perquifites, Power, and Jurislificion; the Revenues of the Crown, both in Money, Genin, and Cated. Here we find, that for One Shilling, as meak Bread might be bought, as would ferre a handeed Men a whole Day; that the Price of a far Bullock was only Twelve Shillings; and a Sheep, Four, Go. Larrey, P. t. p. 594-80e also Dousstant-Bullock

EXCISE, a Duty, or Imposition, charged on Beer, Ale, Cyder, and other Liquors made for Sale, within the King-dom of England, Wales, and Town of Berwick upon Tweed. See Durk.

The Duty of Excile, was first granted to King Charles II. by Act of Parliament, in the Year 1660; during the Life of that Prince: It has been fince continued and augmentof that Prince: It has been fince continued and augmented by divers Parliaments, under the feveral facecoding Princes, and extended to Scotland. — This Duty, as it now fleads, on frong Beer and Aic, is at the Rate of 4s, and 9d. for Barrel; and upon final Beer 1s. 6d.

Pri Daues; and upon small Beer 1.5. 6.6.

Now, Brewers being allow'd for Leckage of Beer, 3 Barrels in a 33 and of Ale, 2 in a 3 the near Energie of a Barrel of strong Beer amounts to 4.5. 1.6. and \$\frac{1}{2}_{2}\$, of a Barrel of Ale, 4.5. 5.4. 5.7. 3 and of a Barrel of fmall Beer, 1.5. 1.6. 17. 18.

The Everje is one of the most considerable Branches of the King's Revenue. — It was formerly farmed out: Bet is now managed for the King by Seven Commissioners, who fit in the General Everje Office, receive the whole Product of the Everje of Ber, Ale, and other Liquous, and Malt, collected all over England, and pay it into the Exchequer. See Excurques.

Their Salary is 8001. per Annum each, and they are obliged by Oath, to take no Fee, or Reward, but from the King only. From the Commissioners of Excise there lies an Appeal to Five others, call'd Commissioners of Appeals.

See COMMISSIONER

The Number of Officers imploy'd in this Branch of the Revence, is very great. Befide the Commifficenses above-mentioned, and their labordinate Officers, as Regillers, Mcffingers, &c. There is an Analyses of the Englis, with his Clerks, &c. A Comproller, with his Clerks, & Rehis Gehs, &e. A Comproller with his Clerks; A Re-gifter, Sternary, Solitizer, Capiter, Yellers, Gerk, of gent for the Interfall Manager, General Geoger, General aut for the Interfall Manager, General Geoger, General for Steriousry Wares; Examiners; Glerks for Super-for Steriousry Wares; Examiners; Glerks for Super-formed Diffusion, Steriousry Compro-tation Diffusion, Vinegar, Cycle, &e. Examiners for Mair, General and other Strueture of the Landen Tre-ery, with Milliars, and scher Glerces, so the Number of an hundred: General and other Surveyort of the London Diffillery, with other Officers, to the Number of 40; a Collector, and Surveyor, of imported Liquors; with a Land Surveyor at the Cultom-House, Sc.

The Yearly Salaries of all the Officers in the Excife Office. as computed by Mr. Chamberlayne, amounts to

Befide which, there are in the Country fifty Collectors; and one hundred and fifty Supervisors; with a great Number of inferiour Officers, call'd Gangars, or Excife-ment, which may make the Number of Perfors implay'd

in this Revenue about 2000. The Excise on Beer, Ale, and other exciseable Liquors, even during a Time of War, is computed to amount to 1100000 L

The Duty on Malt, with the additional Duty on Cyder, &c. amount to betwist 6 and 7 hundred thousand Pound per Annum; and are collected from more Hands than the former. Annuel of the whole Charge of the meaning all the Dutles, does not amount to Twenty Pence per Poundy, which, confidering every Ping, is effected an Exactness and Frugatity, not to be parallel'd in any Revenue levied in any other Country.

The Rates, with the nest Produce of the feveral Impo-fitions of Excife, are as follow:

2*. A Duty of 25. 6d. per Barrel, whereof 55.d. per Barrel during his Majeiry's Life and the other 15.d. here large to the Civil Government, after a Delaction of 5700.f. per Wock for Amenites. Near Produce

\$7000. per voca on amminies. Near Produce 2. 2. A Duty of 9d. feet Barrel, granted 4 Will.] and M. for 99 Years, commencing 76m. 1692. charged with 124866. fee fam. for Annuities, and 75671. per Ann. on Survivorhip. Near Drockov.

3°. Another 9d. for Barrel perpetual, 5 W. and
M. for Payment of 100000 L for Ann. to the
Bank, as also several Annuities on Lives. 150094 *Another 9d. for Barrel, for 16 Years, comin-need 4-flux. from May 1713; for 95 Years, for paying 1400001, for flux. on Million Loudy Tickers; with Annutries of 99 Years, CE. Neat Produce 159898; — which, with fume addi-tional Duties granted in a later Act may amount to

A Duty on Low Wines, and Spirits of the asset Extraction, continued to the 24th of June 25257 Near Produce

The Excise on Ale and Beer in Scotland, is 33500 farm'd at

L. 1006102 EXCLAMATION, in Rhetoric, a Figure, wherein, by

EXCLAMATION, in Rhetoric, a Figure, wherein, railing the Voice, and ufing an Introjection, either exper or underflood, we reflify an uncommon Warmth and P fion of Mind; and experds the Magnitude of the Thing. Such is, O Heavens! O Earth! Ec. fach is that Cicero against Catiline, O Times! O Manners! The fuch is that of the Senate knows, the Conful Sees: And yet he lives. Lives, faid I? Nay, and comes into the Senate!--- Or that for

faid I? Nay, and comes into the Senate!- Or that for Celius, Prob Dii Immortales! Cur interdum in hominum sceleribus maximis aut connivetit, aut presentit frau-dis panas in diem reservatis! Ob preclarum, custodem.

ati pelusa in aiem regervants vor comm, ut aimm, Lupam ; In English, the Interjections OI or Oh! Ains! or, Good God! are generally acjoynd in an Evelsmation. In Latin they use O! Heat Even the Vab! Pro Superii Pro-Superum stone Hommum fidem: Sometimes, however, the Interjection is underflood, as, Wo is me! Miferum me! occine feenlam. See INTERJECTION.

EXCLUSION, is that whereby a Thing is Excluded,

e. shut out, or set aside. As, a Crown imports an Exclusion from the Papacy :

He appointed a Stranger his Heir, in Exclusion of all his own Relations.

own Richitons.

Great Efforts were made towards the Clofe of the Reign of K. Charlel II. to pols a Zilil of Jacolijon, for feetings after the Date of Fords, the King's Bootler, on Account of his being a Papill, the Method of Leader Span, is a Way of coming as the Assistant of Problems (in numerical Lishly), by previously civiling, or accident on continuous, the Continuous of the National Problems of the Proceedings to propagation and pulsarional photocological Problems of the Procedings by conglaving and photocological Problems of the Procedings by conglaving and photocological Problems of the Procedings by conglaving and photocological Problems of the P

SOUNTION. In formations and adjectivity, for the EACL Devote of Eurolandy; as a Parent carries with In a Eurolande Privilege. See PRIVILEGE. Sowerings Princes have Eurolande Voices in the Election of Pope, U.S. Sanctimes it saifo utdo adverbially; as Marriage is allow? to the first Day of Lott, Eurolanders, I. e., dip-Violanders of Egentles, 1900 M. 71, 1915. 100, 1915.

Generies, from No. 195, to No. 300, Exclosive 1 i. e. all between those two Numbers, which themselves were excepted. Excusive Propolitions, are those wherein the predi-cate so agrees with its Subject, as to agree with no other. See PROPOSITION.

See Pencertron.
Thus; Virtue alone makes Nobility: Nothing elferenders a Man rusly nobile.
EXCOMMUNICATION, an Anathems, or Ecclefialitelf Cenfuer, and Punifilment, whereby a Heretic is cut
of from the Society of the Patificial; or an oblimate Sinene from the Communion of the Charch, and the Participation of the Society of the Patificial.

The Power of Excountuication properly belongs to the Biftop; but he may delegate it to any grave Priest, with the Chancellor. See Brattor.

the Chancellor. See Branco.
Every Exeromagnication inhould be preceded by three
public Admonitions, two Days, at leaft, diffant from each
cother: But this is to be underflood of Execumunications imposed by the Excledibilitied Judges; for their imported by the Law, are incerted to all intents and Purpoise
the Moment the Action is committed.
Their latter are call'd Execumpositientsions by the Canon,

of the flore are are cas a Decommensum by the Catton, of that floresther: And are to very numerous, that it would be difficult, even for the beit Canonills, to give an exact Little of em: There are so in the Clementines; as in the Bull in cases Domini, Sec.
Rebuffe on the Concordia, reclous up 60 Penalties ac-

cruing upon Excommunicati Excommunication is founded on a natural Right which all Societies have, of excluding out of their Body, fuch as violate the Laws thereof,

Excommunication is either major or minor, i. e. greater or left: The first, which is that understood when we fay, fimply, Excommunication, separates, or cuts off the Delinquest from all Communion and Fellowship with other Christians; diffildes him from defending his Rights, bringing an Action at Law, Sc. The freezed, or leffer, only excludes from the Communion of the Lord's Supper. The greater Executarystation, call d also at homeon, is

are greater Execuminations can a and ab bonners, is when a Prelate, or his Deputy, Excommunicates any Man perfonally, and interdicts him all Society with the Faithful, all Ure of Sacraments, &c.

all Use of Sucraments, Co.

The leffer Excommunication is incurr'd pleno jure, by having any Communication with a Person Excommunication.

And this too imports a Privation of Communication, but not an Interdiction from entering the Church, nor having Commerce with the

Faithful.

Ancically, the Executamizated were obliged to preserve Ablictions from the Ballogy, and control of the Abliction from the Ballogy, and the Abliction from the Ballogy and the Abliction from the Ballogy and the Ba

from his Leccumumication in a Year's Time, is deem'd a Herecit. So Historica .

There was a Time Herecit of Exposite configuration of the West School of Exposite configuration which we first address, could not ree, but remaind corfice for feveral Ages, a horrible Speciales to Deferring as is establed by Jolle of the Orderity as in settled by Jolle of the Orderity as distinct the Company of the West School of the Orderity and the West School of the West Schoo

numbers,

By the Laws, an Excommunicated Person was not to be buried, but the Body flung into a Pit, or cover'd with a Heap of Stones; which was call'd imblecare

corpus.

In the ancient Church, there were divers Degrees of Excommunication: In Effect, Excommunication did not
always import an Interdition of the Sacraments put frequently, a Separation, or Kind of Schiffin between the
feveral Churches, or a Suffernishor of Phritinal Communicaquently, a Separation, of Almo of Schmid October of feveral Charles, or a Sufferior of efficient Communica-tion between the Bilhops. But, afterwards, the Octafions of Eccommunications growing more frequent, they began to ufe it with lefs Cir-cumfection and Refervoloefs. In the IX th Century, the Ecclefishlicks were continually

making Use of these spiritual Weapons, to repel any Vio-lences, or Affronts, offer'd them; and Time and Famili-arity rendering them more and more obdurate, they prolence, or Affrents, offired them; and Time ind Jénnis-stry rendering them more and some obditume, they pos-ted the production of the contract of the con-traction of the contract of the contract of the con-traction of the contract of the contract of the con-nicis, and directal impressions.

In the XXII and XXII of corrier, the Security support, and XXII of the contract of the contract of the con-putation of the contract of the contract of the con-putation of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the Contract of the contract of the con-tract of the Contract of the contract of the con-tract of the Contract of the contract of the con-tract of the Contract of the contract of the con-tract of the Contract of the contract of the con-tract of the Contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the contract of the contract of the con-tract of the con-tract of the contract of the con-tract of

thing of which Aversion is any where discover'd in the Primitive Church.

At prefent we have but little of the Terror or Respect of our Fore-fathers, for Excommunication; and 'tis even judg'd, and preclaim'd an Abufe, whenever impertmently employ'd.

jode is, the processing of the property of the communicated the Official of Thoulands having Excommunicated the Officers of the Structurally of Thouland, to Ocasion of their religing to deliver up a Prifares; the Official was condumn't to rake off, and revoke the Exemunication. This pries of the property of the Communication of the Officers thereof, for any Thing relating to the Diffcharge of the Officers thereof, for any Thing relating to the Diffcharge of the Officers thereof, for any Thing relating to the Diffcharge of the Officers thereof, for any Thing relating to the Diffcharge of the Officers thereof, for any Thing relating to the Diffcharge of the Officers thereof, for any Thing relating to the Diffcharge of the Officers thereof.

mer offices.

The Form of Excommunication in the Ramifo Church, as related by Fevrer, is to take lighted Torches, throw them on the Ground with Curfes and Anashem's, and trample them out under Foot to the ringing of the

- Autherisan: Dei parris moripatunis et fili, U Syrirrus Santii, E bente Die Gentrich Merze, Ounimung,
Sondierun, Exemunikature, Antonicationun, G aSondierun, Neumanikature, Antonicationun, G aMalightimer, M Confestensen geing, G periotyce U sight
Propherier, G at distriptionen verserie in extinguent
havens aerum ante voewente in fettide fewilderun, Fister,
We have one moe of this Fally, the Sonton in
gravity rood, and the Ferfin remain Exemunicated
without further Common, that in Technol it was motimed to the Common, the Technol in the Sontonication of the Common, the Technol is was more than the Common technologies.

without tarther Ceremony. Peter of Eloji affures us, that in England it was anciently the Practice, only to Excommunicate such as had kill'd an Erclefielick; whereas they were put to Death who had kill'd a Lay-man. — But the Reution was, they who had kill'd a Lay-man. — But the Renfon was, they had Executament extra or agreet Punishment than Death. We have Inflances of Bifthorn, who have pronounced formal Executamentarious against Carepillars, and other Infects, after a formal, Jurichieal Process against them, wherein those Animals were allowed an Advocate and Proctor, to defend their Canel. See Executament

Proctor, to deltad their Caufe. See Exon CISM.

Fewer relates divers Instances of fuch Excommunications, both against Rats and Mice, for infesting a Country;
and other Animals. See the Form of these Excommunica-

our in that Author

In the socient Church there were two different Kinds of Economicamication in Ufe: The one call'd Medicinal, whereby Persons convicted of a Crime by their own Confession, were removed from Communion: The other call'd

fallon, were removed from Communion: 'The other call'd Mortal, was fulminated againt Rehels, who perfilled ob-flinately in their Errors and Impictos. The Power of Excommunicating was lodged in the whole Causeh in general: That is, the Bifthous and Priets had the Administration thereof, by and with the Frictis had the Administration Intercot, by find with the Confern of the People; which was practified even in St. Cypriais 'I time. But atterwards, they cealed to confluit the People about the Matters. The Bifthop and Clergy arrogated the whole Power to themselves. Recourfe, however, might be had no 8 yayoud of the Province, to judge of the Validity of the Conference of the Province of the of an Excontransication.

of an Execumumization.

It frequently happen'd, that Churches Excommunicated each other, that is, broke off the Communication that was between them. In which Cafe, Du Pin observes, it might be dubtions, which of the two Parties was Execumumicated to the communication of the two Parties was Execumumicated.

be dubious, which of the two Parties was and cut off from the Body of the Church.

The control of the co

The Rule of the Europeantian, gives the Name Excem-mentaction, to the being excluded from the Oratory, and the common Table of the Houfe, in our law of Court call'd Difeommoning. This was the Punifilment of fuch Monks come too late EXCOMMUNICATION, or a being feeluded, or cut off from a Participation in the Mysterics of Religion, was also in Use under Paganism.

in Ut: under Pagneffin.
Soch as wer best Economissistet, were fielde in
slift er attend at the Sacrifices, or to enter within the
Temples; and were afterwards deliver dover to the Demon
and Facts of Hell, with certain Imprecasions; which was
The Struct summer of the social Sacrifices and Gestle,
thewife, made Ut: at Economistics against Reche's y
and interdibed the Communition of hich Myltickes, to
fisch at refined to accepted to their Induments. See Davto.
EXCOMMUNICATIO Gestlenies, but when deed to the

EXCOMMUNICATO Coppenso, a weir directed to the Sherill, for the Apprehending of one who standeth oblitantly Excommunicated forcy Days for fuch an one not feeking Abfoliation, hath, or may have, his Contempt crutified into the Chancery; where this Writ iffices for laying him up, without Ball, or Main-price, until he conform himstelf. S. What.

Excommunicate Deliberando, is a Writ to the Under-

Excommentatory Disliberance, as a write our observablentil, for the Delivery of an Excommunicate Person out of Prison; upon Certificate of the Ordinary, of his Conformity to the Eccl finithen) particularly. Write wheneby Persons Excommentators, being for their Obitinary committed Prison Excommentators, being for their Obitinary committed. Prifon, and uniawfully deliver'd thence before Eec *

have given Socurity to obey the Authority of the Church, are commanded to be fought for, and laid up again. EXCORIATION, the AS of raining, or tearing off the Skin from any Part of the Body.—He had a spireous Excertation behind, with riding Pett.—We also fax, an Excertation in the Throat, Ge. when the Membrane that

Exceptions in the Throat, e.e. when the Membershe that covers, or lines it, is tore by the Actimony of a Humonr, a Medicine, or the like; which is ordinarily the Cafe in what we call a fore Throat. The Word is Latio, Exceptatio, form'd of ex and cerium,

Skin, Leather, Sc. EXCORTICATION, the stripping off the Cortex, or Bark, from any Thing; call'd also Decortication. See

and DECORTICATION.

EXCREMENT, what is evacuated, or exercises, out of the Body of an Animal, after Digettion; being what in other Respects is superfluous and prejudicial thereto. See

Coasem defines Exerement, to be all that Matter taken in by way of Food, which cannot be affimiliated; and which, of Confequence, not growing or adhering so the Body, wanders about the 'the laxer, and more patent Parts thereof, till it be ejected.

thereol, till it be ejected.

The Urins and Faces or focal Matter, are the great
Extrements, expelled from the Bladder and the Intellines,
by Scool, Etc. See Units, Fracat, Matter, Sc.

The Matter of infentible Perfyriation is also an Extrament, and a more confiderable one than either of the others. See Perspiration.

Among Eversusents, are Elecutic ordinarily rack'd, diven Humans and Matters, feparated from the Blood by the fewerth Sensition, or Emuscheries of the Body, the fire from the Body of the Body of the Body, the fire from Defenousey, Sensition of the Body, the fire from of the Note; Lacktynes, or Texas, Saliva, Bic, Lymphs, Meris, Lechie, Sec. Sec. Cavasus, Merce, Trans, Sa-ziva, Bira, Mausa, Oze. Among Excrements, are likewise ordinarily rank'd, divers

hers, an Expression of the Sea. See Ambergerast.

All Foods have two Parts, the one Natritions, the other recrementations. See Food.

Excrementitious.

EXCREMENT, is also attributed, by way of Analogy, to

Planes. Genne, divers places, Balma, Ge, iffiling poers-Them from helder erpicies. Trox, are forecisine call'd Exercisents. See Gent, etc., a figerificate, or uncoefficity Piece of Yield, or other Matting growing on beyond the collinery Struckies and Particles of Niture. Such are Wenn, Warn, Cef. Such allo are the Women's in the Philospha, Transick N. 1927. Natural, or cultimary Europicanes, as those of Bones, EC, are called by Phyliaina Alphylific. See Areas

The Word is form'd of the Latin, ex, and ergfos, grow; q. 4. fomething that grows from, or out

another.

EXCRETION, in Medicine, the Act whereby Nature expels, or ejects out of the Body, forme Humour that is nitlefs, or even hurtful thereto. See Excarmant. Most Critics are effected by Exerction; as Fluxes of Blood,

and Urine, Sweats, Vomitings, Loofeneffes, &c. Frux, &c.
The Word is form'd of the Latin, exertners, to excern,

feparate.

EXCRETORY, in Anatomy, a Term applied to certain little Ducks, or Veffels, making Part of the Seructure, or Composition of Glanda. See GLAND.

The Excretory Ducks are the Tubes thro' which the Humours (eparated in the feveral Glands, are emitted, or difcharged out of the Gland, into tome convenient Recep-

tacle, or Emunitory. See Secretion and Emunitrees ESCI, or Emissiony. See Secretions and Emissions. A capillary Artery, to which a capillary Vein is point with an Exercising Duck, convolved, or wound together, make up the Body of the Glands, the Organs of Secretion. The Exercising Duck spring from the Extremities of the Arteries and Veins, and curry off a Liquor Expanted from the Blood. Drake.

The Lymphatick Glands, have either Lymphaduchs, for eir Excretory Ducts, or Lacteal Veffels, as in the Me-

fentery. 18.

The Mulicles of those two Bones being contracted, they comprete the Bag, and squeeze our the Liquor thro' two Exerctory Duck, terminating in the two Gums of the great Teeth of the Viger. Lensery,

EXCIL SUM: 1.4 Memorum See France, 1988.

great Teeth of the Viper. Leasury.

EXCURSION, in Afteroomy. See Elongation.

Circles of Excursion, are Circles parallel to the Ecliptic, at inch Diltance from it, as is capable of bounding, or comprehending the greatest Digestions, or Excursions,

of the Planets from the fame; which is commonly fix'd to Degrees. See CIRCLE

EXEAT, in Church Difcipline, a pure Latin Term, used for a Permission, which a Bishop grants a Priest to go out of his Diocese; or an Abbot, to a Religious, to o out of his Monaftery

The Word is also used in feveral Great Schools, for Leave given a Scholar, or Student, to go out. His Master as given him an Exect

EXECUTION, the Act of Executing, i.e. of accom-plifting, finifing, or atchieving any Thing, to be done. The Execution of a Tefament, of a Law; of a Treaty;

of a Building, &c. The Term is particularly used in the Franch Music, for the Manner of Singing, or Performance: As to the Manner of Singing, call din France, Execution; no Nation may, with any Probability, dispute it with the Franch.

may, were any processinty, unique it with the Present, if the French, by their Commerce with the Institution, have gain'd a beider Composition; the Instituts have made their Advantage of the French, in learning of them a more polite, moving, and exquisite Execution. St. Euremond, Execution is the composition of the composition of the com-EXECUTION, in common Law, fignifies the laft Per-formance of an Act: As of a Fine, of a Judgment, &c.

That of a Fine, is the obtaining of actual Poffession of Things contained in the fame by virtue thereof; which is either by Entry into the Lands, or by Writ, See PINE and Possession.

There are two Sorts of Executions, one final, another with a Quonfque, as only tending to an End.

An Execution final, is that which maketh Money of

An Execution fund, is that which maketh Money of the Décadant's Goods, or extendeth his Lands, and delivers them to the Plaintiff; for this the Party accepted in Satisfiction: and this is the End of the Suit, and all that the King's Weit commandeth to be done.

the King's Weit commanders to be done.

The other Sore, with a Benagines, is that which only tends to as Ends; and is not fimil, as in the Cafe of a Capitas we Satisfacientam, als, but the Body of the Party is to be Taken, to the Intent and Purpole to faithfint the Plaintiff; and his Impriference is not abfolice, but till be doth Entisher. On the Ends of the Plaintiff; and his Impriference is not abfolice, but till be doth Entisher. On the Ends, we have a Pledge for the Debt.

Military Execution, is the Filiage, or planeling of a County by the Enemies Army. — The Towns and Villages of the Province were required to pay Contribution, on Penalty of Military Execution. See Contribution.

EXECUTIONE facienda, a Writ commanding Execu-tion of a Judgment. — Executions facienda in Wither-namium, his for taking his Cattle, who had formerly convey'd out of the County the Cattle of another.

FXECUTOR, a Person nominated by a Testator, to take Care to fee his Will, or Testament, Executed or performed; and his Substance disposed of according to the Tenor the Will. See TESTAMENT.

of the Will. See Thatament.

An Executor is either surverfel, as having the Charge and Diffpotal of the whole; or, only particular, entrufted with some particular Branch thereof.

An Executor should be seized of all the Moveables of

the deceased during one Year; at the End whereof he is to account for them. To the Validity of a Testament, 'tis not necessary there be an Executor nominated therein. The Teffaments made in Latin in the XIV th Century, call Executors, Proviferes Testamentarii.

Executors, Proppers 1 ejumental 11.

Executors, & fast tort, or, of his own Wrong, is he who takes on him the Office of an Essention by Intrafice, not being conflicted thereto by the Telfator, or deceased, mer authorized by the Ordinary to administer.

How far he faill be accountable to the Creditor, & State 43 Eliz.

FXECUTORY, that which has, or carries with it a fufficient Authority for being executed.—A Contract is only Executory, when it is in Form, and fealful. The Great Seal of England is Executory throughout the whole Island. See Seal.

whole Hinnel. See Salle.

EKEPIR.E. among the Ancients, were Places wherein the Philosophers, Sosphiths, Rheters, &c. utile to hold their the Philosophers, Sosphiths, Rheters, &c. utile to hold their the Philosophers, and the Philosophers of the The Word is pure Greek, stides.

EXEGESIS, a Term foractimes used by the Learned,

EXECUTION 2 Non-concurrence to figurite Explication.
Several Interpreters of the Bible are of Opinion, that
Several Interpreters of the Bible are meet with Mbba
Paster, vso Words the first Syrsac, and the focond Greek
Paster, vso Words the first Syrsac, and the focond Greek
of Latin, but both figurifying the fame Things the fectod
is only an Exegofi of the first.

The

The Word Exegefis is also used for a whole Discourse by way of Explication, Comment, or Escisiveisseness on

any Thing.

EXEGESIS Numerofs, or Linealit, fignifies the Numeral or Lineal Solution, or Extraction of Roots, out of actiched Equations; first invented by Viets. Occasion calls it is Rhetique. See Extraction of Roots.

Rhetique. See EXTRACTION of Rosts.

EXEGETES, among the Athenians, were Perfors learn'd in the Laws of the Juris confuts; whom the Judges and in confuts in capital Cantes.

The Word is Greek, Expends, form'd of Explana, I

expisits.

EXEGETIC, 2 Greek Term, form'd of "\$579uns, which, among other Things, fignifies to explain, interpret, &c. Whence we fay Exceptic Notes, an Exegetic

ment. &c. Vieta, the Author of what we call the new Algebra, introduced feveral Greek Names into his Method: such

were Thetic, Zetetic, Exceptic or Expertien. &cc.

were Thetic, Zetteite, Eugettie or Eugetties, &c.
In this Sonfe, Eugettie is either a Subthartive Feminine; or an Adjective, under which is underfined part,
as the Eugettie Part of Algebra. See ALLEBRA.
The Eugettie in Algebra, is the Art of finding, either
in Numbers, or Lines, the Roots of the Engastion of a
Problem, according as the Problem is either Numerical, or
Geometrical. See Root and EgyArtoss.

EXEMPLAR, a Model, or Original, to be imitated or

EXEMPLAR, a Model, or Original, to be imitated, or copied. See Moner, Sic.

Exemplar is also the idea, or Image, conceived, or found in the Mind of the Artiff, whereby he conducts his Work: Such is the Idea of Cafar, which a Painter has in his Mind when he good so make a Fichare of Cafar. The Exemplar is ordinarily numbered among the Cause. See

EXEMPLIFICATION of Letters patent, an Exem-plar, or Copy of Letters Patent, made from the Involment thereof; and feal'd with the Great Scal of England. See

Such Exemplifications are as effectual to be fliew'd, or Nothing but

pleaded, as the Letters Patent themselves: Nothing but Matter of Records are to be Exemplified. See Records. EXEMPTION, a Privilege, or Difpenfation, whereby a Person is excepted out of some general Rule. See Par-VILEGE, E.

VILEOZ, U.C.

Exemption is particularly applied to Churches, Chappels, and Monatferies which have a Privilege given them
by the Popes, or Princes, whereby they are Exempted
from the Jurisdiction of the Bithop, or Ordinary. See
CRAPPER, ORDINARY, C.C.

CHAPPEL, URDINARY, GG.
The Council of Conflant revoked all Ecomptions, to reflore to the general Law, weaken'd and diminish'd by a Relaxation of feveral Ages, its ancient Force and Vigour; and make it every where obtain in all its Latitude.

and make it every where Oskain in all is Latitude.

"The first Exemptions granted in Monks were only for the Lilberry of Exciting their Abbon, independ only on the Lilberry of Exciting their Abbon, independ only on the of the Billiogue. The Percence for their Exemptions was, that the Billiogue abdid their Authority, and existing their Exemptions was the Exemption of their Exemptions with the Exemption of their Exemptions with the Exemption of their Exemptions of tions on Pour

options at Rome.

As this was to derogate from the common Laws, the pose were a good while very referved in the Point; and Idom granted them, but with the Confent of the Bilhops themselves. But, by degrees, the Popes began to affume a themicives. But, by degrees, the Pôpes begain to siliume a Power of granting fuch Exemptions at Pleasfree; and made their Account of the Indulgence of the Bilhops, who were not fufficiently apprehensive of all the Confequences. Accordingly, they tayour'd whole Orders with the Frivilege.

Accordingly, they tayout a wance visces with a second of Exemption, as the Cifferdant, Thumiciant, Cartha-flant, Pfeirs, &c.
Things, at knoth, were brought to fach a pafi, that there was a Necetility for partiting a Check to Exemptions: accordingly, the Connell of Year prohibited, and declared them full for the things of the connel of Year prohibited, and declared them full for the things of the connel of

wall founded, on sepal Concentions from the 1200 Dec.

EXERCISE, a Requestion of gray Operation, for the
threeghesting or testiming of a Higher Section, for the
threeghesting or testiming of a Higher Section, and
the section of the Higher Section of the Expension of the Expensi

Diforders. Games of Hazard are to be diffromenanced, and those of Exercise to be promoted. See Games.

Exercise and Quiet make one of the Physicians Non Naturals, See Non-NATURALS,

DAF

Labour, es Eurreijs, Dr. Clerger observes, is indispensive supported by seeding to preserve the Body any Time In due to the Body and Castley, the courter adjusted by the Body and Castley, the Control of the Body and Castley and State Samuel be proposed as the Administry of the Body and Exercise, the Jaieve will thinken the Body and Exercise, the Jaieve will be a support to the Body and Exercise, the Jaieve will be a support to the Body and that are or may be uted for Health, as Walking, Ridin as Horfelack, or in a Coach Fenency, Denancy, Som-ling, Digging, Pamping, Ringing, See. Walking is the most Natural, and would be the most utella, if it cited in frend too much of the Spirits of the weakly. But no Area, the second of the Spirits of the weakly. But no amod Normal, and would be the most wide, if it rid is not friend so much of the Spirits of the world. He is required to much of the Spirits of the world. He is represented by the critical properties of the spirits o

a Petr of their Religion. — A Condition neofficy to exist de Eurorigio is beneficial as any by, is that it is used on an empty Stomach. — Under the Hand of Eurorigio, Ecolob Brithing, and the Field-Bend, once also to be recommended. — Lit. — Hink is, usis, too, See. See Guin-Extracters, in the Field, is purplically underhood of what is umply young Gentineen in the Acidemias of the Extracters, in the Field, is purplically underhood or what is umply young Gentineen in the Acidemias of the Extracters, in the Field, is purplically underhood notice, and the Control of the Co

young Nobleman went thro' ill his Exercits with great Appliant. See Acament, Se.

Exercise, in the Art of War, is the ranging a Body of Soditive in Form of Buttle, and making them parties of Soditive in Form of Buttle, and making them parties of Soditive in Form of Buttle, and making the divers the twent Mostons and military Evolutions, with the divers Management of their Arms, Se. to make, or keep them capert theorem againt Occasion. This is what Vegetius, and other Latin Writers call

EXERESIS, or EXHERESIS, in Chirutgery, an Opera-tion whereby fomething foreign, affelds, and even peralelous, is taken from the human Body.

is taken from the human Body.

The Exercific is performed two Waya: By Extraction,
when femething formed in the Body is drawn out of the
fame: And by Detraction, when founding is taken
away, that had been introduced into the Body from

without. See Lithoromy, &G. The Word is Greek, etalpies, which fignifies the fame

EXERGUM, among Medallifts, a little Space, around or without the Work or Figures of a Medal; for an In-feription, Cypher, Device, Date, or the like, to be put thereon. See Manda Lascans, Sec. The Word is derived from the Greek, *6° and *57.0°,

EXFOLIATION, in Chirurgery, the scaling of a Bone; its rising and separating in Leaves, or Laming of a Book's.

Any Part of the Sartace of the Cranium that has been seed, is liable to Explainon. The Use of the Cephalic bered, is liable to Explaination. The Ule of the Cephanic Founders awalls nothing for promoting the Explaintion Discoint. The Wound must not be (hoped too much, but the Bone left at Liberty to recover it left, which it foun-tions are the contractions of the contraction of the c nes does, without Exfoliation, particularly in Children,

TREPANNING. The Word is compounded of the Latin ex and fo-

EXFOLIATIVE.— An Explainative Trepan, is a Trepan oper to ferape, and at the fame Time pierce, a Bone, of fo to explainate, or raife feveral Leaves, or Flakes, a after another. The Use of the Exfaliative Trepan is very dangerous ; as being apt to shake and disorder the Head.

EXHA:

EXHALATION, a Fume, or Steam, exhaling, or lifting from a Body, and diffusing it felf in the Atmosphere. See Expression.

The Terms Exhalation and Vapour, are ordinarily used indifferently; but the more as Appropriating the Term Vapour to the most Furnes

rais'd from Water, and other liquid Bodies; and Extela-tion to the dry ones emitted from folid Bodies; as Earth, Fite, Minerals, Suiphurs, Sairs, Se. See Varour.
In this Senfe, Extedations are dry, sibilite Corputies,
or Effluvia, looferd from hard terrefitial Bodies, either by
the Heat of the Sun, or the Agitation of the Air, or

the Heat of the Sur, or the Apptation of the Aus, or forme other Caufe; and emitted upwards to a certain Height or the Atmofphere, where mixing with the Va-pours, they help to conflicture Clouds, and return back again into Dows, Mits, Raim, Ge. See ATMORPHIAN, (CEOTP, RAIN, GE. Mitter of Yambeter, Eighming, and divers other Moccos Mitter of Yambeter, Eighming, and divers other Moccos

generated in the Air. See THUNDER, &c. Sir Jisac Newton takes true and permanent Air to be form'd from the Exhalations rais'd from the hardest and

most compact Bodies. See Ara.

moti compact Bodies. See A.F.s.
EXHAUSTED Receiver, a Glafs, or other Vefful,
applied on the Plate of the Air-Pump, and the Air extracted out of the Empe, by the working of the Empire.
See Receivers, Airs-Pump, Ge.
Things placed in an Exhausted Receiver, are faid to
he in Marin. See Vacuum.

See VACUUM.

be in Varno. See Vacuous.

EXHAUSTIONS, in Mathematicks.—The Mathod of EXHAUSTIONS, in a Way of proving the Equality of two Magnitudes, by a Relation so defluridum; shaving, that if one be improved either greater or left than the other, there will arise a Contradiction. See Repuervision. The Mathod of Exhaustions, See Repuervision. The Mathod of Exhaustions, is of firequent U% in the mathematicans, as Enelis, Archaesteck, &c. See

It is founded on what Enelis faith in his tenth Book,

vio. That those Quantities whose Difference is less than any affiguable Quantity are equal: For if they were unequal, be the Difference never so small, yet it may be so multiplied, as to become greater than either of them; if

multiplied, as to become greater than crime or usual, more 16, than it is really nothing.

This he affirms in the Proof of Prof. 1. of Book X.
which imports, that if from the greater of two Quantities, you take more than its half, and from the Remainder more than its half, and from the Remainder more than the proof of the proof than its half, and fo continually, there will at length remain a Quantity less then either of those proposed.

main a Quantity left then either of thefe proposed.
On this Foundation they demondrate, that if a regular
On this Foundation they demondrate, that if a regular
should be a considered that the state of the state of

DISINHEBITING.

There are fourteen Caufes of Exheredation express'd in Justice are roadern Canage of Experience of Experience of which Caufes, he decrees the Embredation null, and the Teltament inofficious, Tostamentum inofficiosum, as the Civilians call it. See TESTAMANT.

Indeed, by the antient Roman Law, the Father might pronounce Exheridation without any Caufe; but the Ri-your of this Law was refrain'd, and moderated by See HEIR.

EXHIBIT, in Law. When a Deed, Acquittance, or other Writing, is in a Chancery Suit exhibited to be proved by Witnest; and the Examiner writes on the Back, that is ther Virting, is in a summer writes on the Back, thus a ya Witteli; and the Examiner writes on the Back, thus a was flew'd to fuch a one, at the fame Time of his Examina-tion: This is call'd as Exhibit. See Expristrox.

EXHIBITION, a producing, or flewing of Titles, Authorities, and other Proofs of a Matter in Contest. The Partles have exhibited their Titles and Pretentions before the Arbitrate

Antiently, they used the Phrase Exhibition of a Tragedy, Cumedy, or the like; but now we fay Representation in Lieu thereof. See REPRESENTATION.

EXHUMATION, the Act of digging up 2 Body in-terr'd in boly Ground, by the Authority of the Judge. See INTERMENT.

See Invermental to the department of a dead Body is ordered in France, the Exhimation of a dead Body is ordered upon Proof that he was kill'd in a Duch. — A Parfon has a Right to demand the Exhimations of the Body of one of his Parishioners, when intered out of the Parish, with a Right to common then intered out of the Parife, with-out his Confent. See Burlat.

The Word is compounded of the Latin ex, out of, and

EXIGENCE, or EXIGENCY, that which a Thing re-quires, or which is fuitable thereto.

The Criminals were remitted back to the Judges, to be punished according to the Exigency of the Gaic.

EXIGENT, in Law, a Wire that lies where the Defendant in a perional Action cannot be found, not say Thing of the within the Country, whereby to be attached, or didtrain'd. See Walt, Arracu, Sc. It is directed to the Sheriff, or

It is directed to the Sheriff, ordering him to proclaim and call the Party five County Days fucceffively, and charge him to appear under Pain of Out-lawry. The time Witt alib its in an Indictment of Felony, where the Party indicted cannot be found.

where the Party indicted camnot be tound. It is called an Exigent, by Reafon it exigit, i.e. exafts for requires the Party to appear, or be forthcoming, to artifure the Law. If he appear not at the laft Days Proclamation, he is faid to be quinquies exaftms, and then is at-law'd. See OUT-LAWRY.

Out-law a. Occ OUT-Lawre.

EXIGENTERS, are four Officers of the Court of Common Pieus, who make all Exigents and Proclamations, it all Actions where the Process of the Out-lawry lies. See EXIGENT.

EXIGNT.
Antiently, the making of Writs of Superfedees upon fuch
Engreuts as were made in their Offices, did likewife belong to them: But this Branch of Bufinefs was taken
from them under King James I. and committed to a
particular Officer in the Court of Common-Pleas, created PATCHART OFFICE IN THE COURT OF COMMINGS AND ASSESSMENT OF COMMINGS AND PARTY.

EXILE, Bampanent. See Banishment.

Among the Romans, the Word Exile, Exilium, properly

fignified an Interdiction, or Exclusion from Water and Fire; the necessary Confequence of which was, that the inter-dicted Person must betake himself into some other Country, fince there was no living without Fire and Water.
Thus, Cheeve as Hereum, observes, that the Form of the
Schwenc did not expect Exile, but only Aque & Iguis
Interdestio. See Inventiorion.

Interdities. See Inventorions.
The fame Anther remarks, that Exile was not properly a Panillament, but a voluntarily flying, or avoiding the Panillament decreed: Entition non offs Stylelician Ich pringing, partigly, Stylelici. Pro Ceciona.
He adds, that there was no Grime among the Romans, as among other Nations, punified with Exile; but Execution was a Record People Euro Ventrating to, to avoid Chaire,

was a Recouff People Gre voluntarily 100, to 2010 Change, geoming, Starring, Gr., for the third Generals, and great Men late Exist, out of Easy of their Merits, or Dilimit of their too great Authority. A people and Exist is a Cavil Death, and impose Conflication. For the Conflication of the Conflication, and the Conflication of the Great Start Conflication. The Conflication of the Co

Exul, a banish'd Person; and that, probably, from Extra-folam, out of his Native Soil. Figuratively, we use the Phrase hopourable Exile for an

Office, or Employment, which obliges a Man to refide in Jome remote, or ditagreeable Place. Under the Reign of Triberius, remote Employments were a Kind of mythe-rious Exiles. — A Bifnopric, or even a Lord Lieutenancy, in Freland, is fometime drem'd a Kind of Exile. A Refidence, or Embaffy, in fome barbarous Country, is a EXINANITION, the fame 28 Evacuation. See Eva-

EXISTENCE, that whereby a Thing has an actual EXISTENCE, that whereby a Thing is faid to be, offe a Sec Paraces and Essa.

This Noviem of Existence, is applicable not only to a created, but an uncreated Subtitance.—But it must be added, that the Existence of created Subtitance, and ofpecially Corporeal once, implies a Refiped to Place, Time, and even an Efficient Caufe; whence the Schoolmen generally define it; Thus volorely a Thing is formally and extrinscally existent, or beyond its Caufes, and

this here, and now Exiferce, and Effence, come very near the Nature of sch other: In Effect, they only differ in that we have

cuch other. In Effect, they only differ in that we have different Massers of encertings the famel These, the first, and the state of th

tooly to those in Allin. Note, however, that this does not obtain in God; about whose Nature and Essage to Mind cannot think, without conceiving his Englance. We have divers Ways of arriving at the Knowledge of the Extificate of Things.—Our own Existence we know by Insuition; the Emplanee of a God, by Demonstration: And that of other Things by Sentation.

And that "of other Things by Senfation.

As fire our count Enginest, we practice it for plainty, that it neither seeds, nor it capable of any Frood."

It is neither seeds, nor it capable of any Frood. It is the property of have an intuitive Knowledge of our own Existence, and an

which I call Doubt. Experience then convince us, that we have an antitude Newtoning of our one Explorent, and make an antitude Newtoning of the Explorent Section of the Sentinon, Residening of Thinking, we are conficient to our few of our own Bern, and in this Marcy come not flower to the Configuration of the Sentinon, Residening of Thinking, we are conficient to the As to our Knowledge of the Explorate of a God, table has pipen as no mome those of barnelly yet before the As to our Knowledge of the Explorate of a God, the Language of the Explorate of the Configuration of the Things, i.e., The Knowledge of the Explorate of other Things, i.e., The Knowledge of the Explorate of other Things, i.e., The Knowledge of the Explorate of other Things, i.e., and the Configuration of the Explorate with a residue to the Configuration of the Explorate with a residue to the Configuration of the Explorate with a residue to the Configuration of the Explorate with a residue to the Configuration of the Explorate with a residue to the Configuration of the Explorate with a residue to the Configuration of the Explorate with a residue to the Configuration of the Explorate with a residue to the Configuration of the Explorate with a residue to the Configuration of the Confi fore the actual receiving of Ideas from without, that gives us notice at the Existence of other Things, and makes us know that formething dorh exist at that Time without us, which causes that ldes in us, the we neither know, nor

stider how it doth it.

This Notice which we have by our Senfes of the existing This Notice which we have by our Senies of the suppose of Things without us, he's it be not almograther fo certain as Insuition and Demonitration, yet deferves the Name of Knowledge, if we perfuside our feliese, that our Fencilies art and inform us rights, concerning the Engineer of those Objects that affect them. See Known lenez. Now betides the Affurnee of our Smiles (emfelves, that they do not rer in the Bintermation they give us of the Engineer

Now beliefes the Affarmace of our Senior 'unfollers, that they do not can in the Intermetion they give an of the England on our can in the Intermetion and the Affarmace at 1.1 is plant their Ferregions are predicted in us, by carrier Candis a listificial our Senior, becould find the Language of the Candis and the Language of the Senior Candis and Language of the Senior Candis and Language of the Language of t Heat or Cold, when the loca of it is receive in our Minds, gives no Diffurbance which when felt, was very troubletiome; and we remember the Pain of Hanger, Thirth, Head-sch, Ge. without any Pain at all, which would either never diffurb us, or elfe containty do it, as often as we thought of it, were there nothing more bar as often as we thought of it, were there nothing more but bleast fouting in our Plant's, and Paparance controllings of Paparance controllings our Francise, without the real Englance of Takings affecting in from absord, 4°, O'Co Smith, in many Carlo, beautiful the Committee of t

Exectnal Bodies.

The ingenious Mr. Berkeley has a quite different System.

Exetral Bodies, he contends, have no Existence but in a
Mind perceiving them; that is, they only exist, quantitative

they are perceived; there Ensister is perceivi. They have

no Englessee, nor Shadow of Englessee out of our Minds.

And of this he has given us what he and fome others account a Demonstration. See Bony, ENYERNAL Would See

World, 6c.
As to the Engineer of Sprits, Mr. Zack allow, that
our having Ideas of them, does not make us know, that
our having Ideas of them, does not make us know, that
any finish Sprins, or say other Sprinsial Botten, but God.
We have ground from Revelation, and fevrus other Reason, to believe with Affantous, that there are finish Copinson, to believe with Affantous, that there are finish of the Manne of knowing their particular Engineer.
wast the Means of knowing their particular Engineer.
For we can no more know that there are finish Sprins For we can no more know that there are finite Spirits really Exciting by the Idea we have of fuch Beings, than by the Ideas any one has of Fairies, or Centaurs, he can come to know that Thinns answering to those Ideas do really exist.

do really exift.

EXIT, properly expresses the Departure of a Player from off the Srage, when he hath acted his Part. — The Word in alife uted in a figurative Sense to express any Kind of Departure.

EXITUS, in Law, Iffines; or, the yearly Rents, or rofus of Lands or Tenements. See Issue.

EX-mero more, are formal Words used in the Kine's

E.A. mero morn, are tormal Words used in the kings Charters, and Letters patent; fignifying that he does what is contain'd therein Of bits own Will and Motion.—The Effect of these Words is to bar all Exceptions that might be taken to the Influment, by alledging that the Prince, in paffing such Charter, was abused by talle Suggestion:

in pulling fach Curren, was best uping that the offence, its property of the community, and the prominanties, under which were included forwall general Officers of the Charch at Congestionings, is as the Grand Occasionation, Great Mitcher of the Cologistic States, and the Congestioning, Great Mitcher of the Cologist, physics, are the April of the Charch.

The Execution of the Charch.

The Execution of the Charch.

The Execution is seen of great Analysis, and the Private Charch.

Particularly, one of great Analysis, and the Private Charch.

The Execution of the Charch.

The Execution of the Charch.

The Execution of the Charch.

Accordingly, in the Lante of Fisher IX. to the Propose Accordingly, in the Lante of Fisher IX. to the Propose Accordingly, in the Lante of Fisher IX. to the Propose Accordingly.

At first they were Priests; bur some Patriarch of Gon-tonimopie, whom Codin does not mention, would have them. flattimple, whom Golder does not mention, wouse nave item for the future to be no more than Deacons. The Readin was, that being Priedle, each of them had their inveral Charches, wherein they were to officiate on all the grand Felfival Days of that it unhappily fell our, the Partiacch on the most follows Days was dedirected by all his chief

Ministers, See Deacon

The Criticks are not at all agreed about the Origin of their Name Engagiages: Theres, in his Edition of Coden, breaks the Word into two, and reads at Kamasano Cottin, breaks the word into two, and reads at assessing, q. d. Six Casecolii; but this Reading, the authorized by feveral MSS, is faulty; the Generality of Copies only making one Word: Befide that they are call'd Evacusa-colii, even when there were only five of them. The fame Faming derives Caracters bence, that these Officers dwell in the Valleys, som me norhades.

Per. Gregor. Tolofan, takes the Word to have been form'd from symmetra, permulces, finoviente Animem de-limie: But Gratfer re-jecks this Etymology, as without any Foundation. In Lieu thereof, he proposes another Conjecture, remained. In Lieu thereon, he propose another Conjecture, the' with a good deal of Timidity: He reads \(\frac{1}{2}\text{signed}\) for \(\frac{1}{2}\text{signed}\) inftend of \(\frac{1}{2}\text{signed}\) said they were thus called by Reafon they lodged, or lived out of the Patriarchal

Falsec.

False Ger rejech this Opinion, and had rather they floud rend elementation, as infiniting they were this through rend elementation, as infiniting they were this returned algorithm, which the reld del nor; her is, a far from a claim of the Opinion that Offices of for much Entirect, floud list their Decomination from a Timp Entirect, floud list their Decomination from a Timp to imagine that all the inferior Friedh were call'd Letter saws, Cattacile, 4, Deeple of a low Condition; and offit their Superiors were call'd Entertaction, 6, d. Pouple cat so of the Number of Kenzelli, es above them.

Upon the whole, however, he adheres to the Sentiment of G. Corefins, who fays, that the Patriarchal Passee and or us. Gregora, who says, that the Patriarchal Paince and the Apartments of the Symellars, and the Moraks in the Patriarch's Service, were in a very low Patr of the City, which with Regard to the reft feem'd a Valley or Pitz and that the Offices above mentioned had their fe-veral Henfra, or Painces, Up, out of the Valley: Whence the Name, Exceptional's the Name Exocataçuli.

The Opinion of M. Su Cauge is the last we shall name; He derives the Appellation from their being above the Level, or Rank of the other Clerks; and scated at Church, &c. in mosour-hoso

honourable Places rais'd for that Purpose by the Patriarch's Sides: These two last Systems are the most probable. EXOCIONITE, EXOCIONITES, in Church Antiquity.

-- Mourfus tells us, that there was a Monathery at Con-frantinople call'd Engineers; and that the first who were call'd Engineers, were the Monks thereof: But this

a Miffake, "Twas the Arians who were first call'd Exocionites; by Reason, when expell'd the City by Theodofius the Great, they retired into a Place call'd Exocionium, and there held their Affemblies. Justinian gave the Orthodox all the Churches of the Hercricks, excepting that of the Emerionists.

Cedrenus. See ARIAN. The Word is derived from agazeless, or agazeless, the

Name of the Place abovementioned.

Plane of the Paragraph, fays, that the Executionium was a Place encompassed with Walls, built and adorn'd by Conflantine; and that without the Circumstrence of this Wall, there was a Column, with a Statue of that Emperer, whence the Place took its Name, viz. frem 150, mitboat, and zing, Column.

Gothefris holds, that Theodores is mistaken, in faying that the Arisms were call'd Executarities, or Executation, from the Name of the Place where they affembled; and rakes the Name to be the fame with that of Exenconrians, which was attributed to the Arians, by Reason they held that the Son was made out of nothing, it is is the But a mere Conjecture of Gothefrid is not fufficient to make us fet afide the Authority of fo able a Perfon as

EXODE, or Exodeum, in the antient Greek Drams, was one of the four Parts or Divisions of Tragedy. See TRAGEDY. The Exodium, according to Ariflosie, was fo much as as rehearfed after the Chorus had ceas'd to fing for the

was reherried after the Clown had coard to fine for the lills Time; for that Exedense with them, was far from being what the Epilogue is with us, as feveral People had been as the property of the People of the Pe eation'd to be floor

ints was not Obece, as related by the antient Scholards of Grovenet: Exacilatin, spend Veterats in five Landrains intrabat, and ridicalist force, at antiquid Lacrymannum annu Trifitia cospilfont ex tragets Affeliabus, bujus Spellacult Refus desergeret. This was his Office, as related by the antient Scholiast

Such was the original Intention of the Exasium, but it afterwards degenerated into a bitter, malicious Kind of

Vigenere on T. Livy, fays the Exadium confided of cettain humorous, drolling Verfet, rehearfed by the Youth at the End of the Fabula Attellana, and answering to at the End of the Fabule Attendance, and answering to our Farces,—in another Place, the fame Author fays, that the Exosies were a Kind of Interludes, in the Intervals, between the Acis, partily Fable and Pleafantry, partily Music, S.c. to give Time both for the Spectators and Actors to recover Breath.

The Paffage in Livy, whence he takes the Notion, is Lib. VII. Dec. 1. Redicals intexts Verfibus, que Investus inter se more Antiquo jattere capit esque conserta sunt fabulis posissimum Attellanis. So also Juvenal,

> Urbicus Exodio rifum moves Attellana Gestibus Antonoes.

The Word is form'd from the Greek, *\$is*\$\Theta_*, going out, or even Digression, going estate, out of the Way; of \$\dagger\$ and \$J^2s_1\$, Road. Festus, Lib. V. calls it Exirus: Varro, wise assistate. - The fame Author uses the Phrase in Exedenm Vite.

in Exodum Vite.

Exopium, in the Septuagint, fignifies the End, or Conclusion of a Feath. See Feast.

In Particular, it is used for the Eighth Day of the Feath of Tabernacles, which, 'its faid, had a special View to the Commemoration of the Exodus, or Departure out of Egypt. The there is nothing of its expected in

The Hebrero Text calls the Day DIV which the Seventy render \$2000.

Conclusion of a Meal.

EXODIARY, Exodiarius, in the ancient Roman
Tragedy, was a Droll, or Mine, who appeard on the Stage,
when the Tragedy was ended, and perform'd what they
call'd the Evaluation, or Conclusion of the Shew; to divert
the Company. See Exodium,
EXODUS, the fecond of the five Books of Myles. See

PENTATEUCH. The Word in its original Greek, "E Es As, literally imports

The Word in 12 original Greek, 1988, increasy ampure a going out, or Fourney; and was applied to this Book, by reason the History of the Israelizer Passage out of Egypt is related therein. Beside this, it contains the Story of what was transfelded in Egypt, from the Death of what was transfelded in Egypt, from the Death of Softeth, no the Delivery of the Four; as well as what what the Wilderson's and marricularly as Mont Sonia. pair'd in the Wilderne's, and particularly at Mount Sinsi, to the building of the Tabernacle.

to the desirence off it Feele Semoth, fignifying, & bee The Hebrewe call it Feele Semoth, fignifying, & bee mining; Thefe are the Names; which are the initial Woods of the Book: For the tame reation as they de-Geomfit, Berefith, q. d. in principio, in the Beginning. PENESIS. - By a Branch of a Statute of a Elian EX Officio.

LA Offices.— By a Branch of a Statute of I Eliza, the Queen, by ber Letters Patents, might suthorise any Perfors, 55c. to adminisher an Oath Ex Officio; whereby the Supposed Offender was forced to confels, accuse, or clear bimish of any criminal Matter, 55c. mielf of any criminal Matter, &c. But this Branch relating to this Oath, is repealed by

EXOMOLOGESIS, a Term little used but in speak-ing of the ancient Rites of Repentance, whereof the Exo-

ologests was a Part. See Confession. It fignifies Confession; being pure Greek, εξομιλόγεσε,

form'd of Ugsquargia, I confess.

Some of the Ancients, and particularly Tertullian, de panis. C. 9. wits the Word in a greater Latitude, as comprehending the whole of Repentance: A public Exomoloperiod C. 9. uses the word in a greater Lantides, as ome prehending the whole of Repentance: A public Exomolo-gofts was never commanded by the Church for fecree Sins; as may be feen in the Capitulaties of Charlemoigns and the Canons of divers Councils. EXOMPHALUS, in Medicine, a Generical Name for

divers Diforders.

Exemphalus expresses all Kinds of Ruptures, or Tu-mors, happening in the Umbilious, or Navel. See Ruy-Authors diffinguish three Kinds of Exomphali;

Authors distinguals there Kinds of Eemphodis; the first are, Tumors, or Swellings of the foll Jern, whereof there are there Varieties, dominated the state of the

under in feveral Heads, Estransistratus, G., EXORGISM, Prayers, or Conjournions, wherewith to execute, i. c. drive out Davila from Perfons position, partly unden Centeres, or principal to the Rough Children, partly unden Centeres, or principal common for the Rough Children, Their Proistes, Ge. are frequently Exercising Demoniscal Perfons. The Prefor made the Iddy Water, the Exercising common Water a certain Number of Times.

It must be allow'd, the Use of Exercisms is almost as ancient as the Church: Recourse was had to such Ma-

chines, to drive away Diffeates both of Men and Bestls, to expel and defiror Vermine, and other Animals, noxious to the Earth, and the Fruits thereof. so the Learns, and the Fruits thereon.

M. Třeirs, in his Treite det Superfittions, gives divers
Formalis of fuch Evercifiers, and quotes, particularly, the
Indiance of St. Grat, who, by Means of Evercifiers, obtaind of God, the Favour, that there fhould be no Rat
found in the Country of Agi, nor there Miles ground the

fame. The fame Author is of Opinion, that fuch Everel'int may be fill seld to good Furpole, against Rasa, Nico, Locuis, Cazarpilare, Storms, Gr. Bur in order to perfere may Thing of this Kind, he observe, a Mam such have the proper Quality and Character, and be approved of by the Charch; and must likewise ultraview of Words and Prayacterist the they controlled the such carbon and the such controlled the such controlled the such controlled the such carbon and the

damnable Superstitions. had anciently another and further Purpofe,

being applied by way of Trial, or Pargation, to extort the Truth from the accused. See Puncarion.

The Exercise, in this Sense, was a Sort of Bread conjured and Exercises for the Purpose: And the Opinion

of our Edward III. and the Bread thus Evargifed, was failed to be Confued. Lindenbreek gives Inflances of Exorcifins with Barky Bread, and others with Cheefe. And hence, probably, might arise that popular Imprecation, May this Bread chook me, if I tell a Lye. See Orderar, Jupic evan Dei, See. The Word is derived from the Greek, Westlers, adia-

The Word is derived from the Gra

PAPE, conjurars, to aquire, or conjure.

In most Distinuative, Exercifus and Conjuration are ufed as fynonymous: But, in Reality, Conjuration is only a Part of the Exercifus; and the Exercifus the Corremove unite.—The Conjuration is properly the Formula, whereby the Devil is commanded to come forth, 3C. See CONTREATION

See Conjunkation.

KKORCIST, in the Remije Clurch, a Pried, ne nafured Clut, who has receive the four lefter Orders, one
of which is that of Paereyl. See Chair, who afturilly
Library and the Conference of Chair, who
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Library and Clutter of Chair, and
have been seen to the Conference of Corporation
of Chair, in his Norse on the Greek Environment of the
true property any fund Order, as that of Exacrylic Pae
Gor, in his Norse on the Greek Environment and
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18. E. Zimayfin, and S. Jimari et Merzy.
18. H. Zimayfin, and S. Jimari et Merzy.
18. The Collation of Euroryis is personnel in the Time of Mulis Their principal Office being to expl Derit, see Mulis Their principal Office being to expl Derit, and the Collation of Euroryis, the Interpolation of Euroryis in their Hussia, shall fay their Woods, Rice et act, and a learn Former, and Euroryis and Europe Control of Europe Control

Origen. Traff. XXXV. in Mattle. XXVII. 63. EXORDIUM, in Oratory, U.e. the Pecamble, or Beginning of a Diflourfe, or Speech; ferring to prepare the Audence, and Introduce the Matter in Hand: Call'd alide the Proton. Practice, and Presem. See Pacacour, U.e. Audénce, and introduce the Mattee in Hind i Culid alló the Prology. Praclude, and Proem. So Procooux, Ex-Cioro defines Esorásma, a Part of an Oration, whereby the Minds of the Audines are duly prepar'd for what remains to be faid: —The Exordions in a Part of principal Importance, and mo be labour'd with extraordinary Care; whence Yulfy calls it, difficilities parts Orations. Sec ORATION.

See Charton.

The Wood is found of the Linin, Orderly, to beight or by a Micropher from the Worvers, who are fidd order or by a Micropher from the Worvers, who are fidd order or by a Micropher of the Micropher of Micropher

of Cicero against continue?

itentia nofira Catilina?

Abrunt Exordiums are the most fuitable, on Occasions

or the like; the' we have Abrupt Everstums are the most futtible, on Occasions of exceeding Joy, Indignation, or the like; the 'we have Inflances of Panegyricks of the greatest Orazoes, began abruptly without any fish Occasions: Such is that of Gorgies, who began his Eloge of the City and People of gist, who began his Eloog of the City and People of Elin, with his sense to become, Elis, Instent circuits: Or that of Greg. Nonintense, in Perille of Atheneflus, Abaceand vessive septime, service to expense, the family all in-vitations standale. Aboutp, histy Eurofausia, were more of the Talte and Manner of the Greate than the Latini: The Requifites in an Eurofaus, are, 1*. Propriety, whereby the Eurofaush because of a goloco with the whose Difficultie, and matches it, in a Fart does a whole; for an analysis of the Company of the convent Configuration. The analysis on sports, or perhaps

that it could not be accommodated to any other, or printips a contexty Occasion. The action Content were very deactive of Content, and the Content was very deperfect of the Content of the Content of the Content
position in common with the Subject.

***Corr, Accuracy, and Magnifector, as being the
Part and unided, and most expect to Show. Thus
Part and unided, and most expect to Show. Thus
**Corr, Accuracy, and Magnifector, as being the
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mends the Universal Section of the Mark in L. Craffer, Fait cum in L. Craffe fudor quidam, qui von mode non obeffer ejus Oratroni, fed etiam probinstis commendatione prodeffer. The time Taily owns, of himself,

pion was, that if the Perfor wer climins!, he could not that at the Beginning of his Orations, he tembed curry further hered. We are the property for the prope eak of a Difference betw The Exerdism appears an effential Part of an Oration .

The Exercition appears an effective Part of an Oration: The, anciently, in the Arrigatyus, Julius Politas tells us, they Spake without any Exercition, any Pafficos, and any Percention, or Epilogae. The like is field to have been done by Zenopkon, who begins thus, Darius & Varifatis done by Zenopkon, who begins thus, Darius & Varifatis days babuere files.

BASS Deputer gates.

EXOSTOSIS, from 18 and select, Or, a Bone; is any unmarated Protuberance of a Bone; frequent in Veneral Casies: Or arther, it is a Swelling occasion of by a Bone's being out of its natural Place, or Position. See Bone.

EXOTIC, a Term properly fignifying foreign, or ex-traneous, i. e. brought from a remote, firinge Country: In which Senfe we fometimes fay Exotic or barbarous

In which Scale we formetimes fay Exotic or barbarous Terms, or Words, Soc. But Exotic is chiefly applied to Plants which are Natives of Footign Countries, particularly those brought from the East and Wolf-Indies; and which do not naturally grow

in Europe.

The Generality of Exoticks, or Exotick Plants, do not Culture. They The Generality of Exoticks, or Exotick Plants, on not thrive in England, without fome peculiar Culture. They require the Warmth of their own Climates; whence the Use of hot-Beds, Glafs Frames, Green-Houles, &c. The Green-House is properly a Conservatory of Exoticks. The Word is derived from the Greek, ite, atwars,

extra , whence a famile.

entra s whome i femile.

Die Liffer has a Difformer in the Philosoph, Trendict, or Easter Difform, i. C. Such Difficate as an avera bend strong of the Control of Control o

mid-land Countries, or far in the North of England.

EXPANSION, in Metaphylicks, experies the Idea we have of infine, or perfecting Dillance, at the Para whereof criff together. See Dillance, all the Para whereof criff together. See Dillance, all the Para whereof criff together. See Dillance, and the Para whereof criff together. See Dillance, in Physician, in Physician, in the Charleston, in Physician, in the Charleston, whether from any exerced Castle, as the Caule of Raeriaction; or from an internal Caule, as the Caule of Raeriaction; or from an internal Caule,

as Elafficity. See DILATATION, RAREFACTION, ELAS-

Bodies naturally Expand by Heat, beyond their Dimen-ficus when cold; whence their specific Gravities are diffe-sent, at the different Scasous of the Year. See Specific Air compressed, or condensed, assoon as the compressing, or condensing Force is removed, Expands it self by its Elastic Power, to its former Dimensions. See Air.

es confining Focc is removed, Espandi it fail by the Ellife Fouce, in the former Dimensions, Sec Alax.

But this ray from a file accounts Notine of Espanfour, the internation of the internation of the internation of the internation of the continuation of the Ellipse Sec Alax. See Halax.

The Halloy found by Experience, the Water Explandia it fill by one treasy fluid part of its Bull, when made to bell. But a moderne Hest Good not induce any the properties of the continuation of the continuation of the continuation of Halax, Explandian at al.——Abstray, with a very game Halax, Explandian at Alax.—Abstray with a very game Halax, Explandian at Alax.—Abstray with a very game Halax, Explandian at Alax.—Abstray of the observa-

Heat, Capture is the Name, Sch.

Spirit of Wine, with a Heat left than that of boiling
Spirit of Wine, with a Heat left than that of billing
Water, Expended is fell by one twelfish part of its Bulk y
and then fell a beling. The most feetible Expension of
Weter, is by Freeding. Mr. 1994, in his High, of Cold,
when the Spirit of the Spirit of Spi

then Witter. See FRICARING.
DE Gregory; in his Affrence, p. 407s, proves, that a Globe
of our Air, of an lach Dimenter, if it were removed to
the Dilitance of a Seemi-dimenter of the Earth, would
Expland it felf fit, as to fill at the plantery Region, as
first, any, fix propelly, the Splerce of Seemi-su. Old.
DE Farrie, i.e., parrie, or of our part, is thus with
the Western heed, Planting and Definants pays. A Committee
Exp parts, is that taken out and executed by one Parry
only.

EXPECTANT-For, in Law, differs from Fcc fimple; Thus, a.gr. Lands being given to a Man and his Wife, in frank Marriage, to hold to them and their Heirs: In Cafe they have Fco-fimple. If it be given to them, and the Heirs of their Body, &a. they have For-Empethant.

See Fig. 2. Along founded on a Premise of EXPECTATIVE, a Hope founded on a Premise of the EXPECTATIVE, a Hope founded with Hall become vacuus, or a Right to the Revention of the Experience, and also Prevention, were Bulls froquently given by the Force, or Kings, for Inuary Bendines, The Halls froquently given by the Force, or Kings, for Inuary Bendines 1. The Hallson were exceeded on their Previous, Bendines 1. The Hall of the Previous Control of the Hall of bey induce People to wish for the Death of others. PREVENTION.

they induce reque to the state in course as consistent with the property of th

one of the Regulis.

EXPECTORATION, the Act of executing, or bringing up of Philogon, or other Matters, out of the Langey, EXPECTORATION, or other Matters, out of the Langey, Experiment of the Control of the Kings Control of the Co

logy of Words.

The Expeditions for the Recovery of the Holy Land,

were call'd Croifades. See Choisans. EXPENSIS militum levandis, is a Writ directed to the Sheriff, for levying Allowance for the Knights of Par-

the Sherili, the 1679th a flowback for the Kingsia of Fal-liament. See Parliaments, To Knowledge acquired by long Use, without any Teacher. Experience conflict in the Idea's of Things we have feen, or read, which the Judgment has reflected on, to form it felf a Rule, or Method.

form it tild a Ruke, or Merfield.

Ankinen make time Richt of Engeriener. The r. I.
Ankinen make time Richt of Engeriener. The r. I.
Ankinen make time Richt of Engeriene heredere the Phacomers of natural Things, without any direct American thereon, enabling any Application shoreder.

American there is making any Application thereof, which is the stress of the stre

two latter Kinds, elpecially the third, are of great service in Philosophy. See Expera Lexan:

EXPERIMENT, in Philosophy, a Trial of the Effect or Result of ocerain Applications, and Modens of natural Bodies; in Order to discover founching of the Laws and Relations thereof, or to affect and in Phanometers, or its

Curic. Substitute delice Engineers & Constantio of Tent Things before delicerable pair Section, and existed in the Minneys; in fonce one sinular convolute Infrared to them, contill in convolute Infrared to them, contill in comparing deveal Things by one Adq; the constanting the constanting of the Infrared to the constanting the constanting of the Infrared to the Infrared Constanting of the Infrared Constanting of the Infrared Constanting of the Infrared Constanting of the Infrared Constanting Constanting of the Infrared Constanting Constant

the Effect of the Exhibition of Rhubarb to be the fame in all, via. A Purping: This is an Experiment of Rubarb.
The making of Experiments, is grown into a Kind of
form'd Art; and we now abound in Systems of Experisuents, under the Denomination of Conries of experimenself-philosophy. Sturmins has made a curious Collection of the principal Discoveries and Experiments of the prefont Age, under the Title of Collegium Experimentale. The Chymitis chufe to cell their Experiments, by way or Diffinction, or Eminence, Processes, or Operations.

EXPERIMENTAL Philosophy, by the Greeks call'd Euronean, or Euronean, is that which proceeds on Emperi-ments; or which deduces the Laws of Nature, and the Properties and Powers of Bodies, and their Actions upon each other, from fenfible Experiments and Observations

Experiments are of the last Importance in Philosophy; and the great Advantages the modern Physicks have above

and the great Advantages the modern raylecks have above the Ancient, is chiefly owing to this, that we have a great many more Exploraments, and that we make more Ule of the Engloriments we have. Their Way of Philosophizing was, to begin with the Causes of Things, and argue to the Effects and Placo-ments; cars, on the contrary, proceeds from Experiments mena; ours, on the or and Observations alone,

My Lord Bacon first paved the Way for the new Philosophy, by ferting on Foot the making of Euperi-ments. His Method has been profecured with laudable Emulation by the Academy def Cimento, the Royal Society, Royal Academy at Paris, Mr. Boyle, Sir IJ. Newton, many others.

In Effect, Exteriments, within these 50 or 60 Years, re come into fuch Vogue, that nothing will pass in Philosophy, but what is founded on Experiment, or confirm'd by Experiment, &c. So that the new Philosophy is almost

altogether Experimental. See PHILOSOPHY.
Indeed, the Ancients, whatever we commonly fay to the centrary, ferm to have thought as well of the Experimental Way, as the Moderns. Plato miffes no Occasion of fpecking of the Advantages of the surmers; and as to driftente, his Hiftery of Animals may bear Witness for to JULIEURE, all Hillory of Ammais may ocal withouts not him. Democratus's great Businels was to make Experi-ment; and even Epiceurus himfelf owes Part of his Glory to the fame Cause. Plate calls it, in respect to

Oney to the filme Caute. Plate cans if, in respect to its Sabjett, southburn, Subblety of Scafe.

Yet there are those, even among the Learned, who conceive of Experiments in a different Manner.

Dr. Reill allows, that Philisophy has received very confiderable Advantages from the Makers of Experiments; federals: Advantages from the Molecus of Experiments; post complains of most Dissipancing, in two often working and dislatering their Experiments, and one working and dislatering their Experiments, and of their Experiments of the Complaints of th

toe hom, harmlung them was Materian to Smill ther Concidence upon Desiren, in the Septians, of his IDF-Care Lawrence and Desirence and Desirence of the IDF-Care Lawrence and Desirence and Desire and Desire and Warks of the Philosopher, desh fill more Everely with the Makes of Experiments. He breaks out with a Sur of Indiguation, at Trike of ally curious People, whole Philosophy conflit in making Experiments on the Gra-vity of the Ali, the Equilibrium of Paulis, the Load-flines, the and yet arranges to themsteve the molecular of Philosophy and the Paulis of Paulis, the Load-lines, the and yet arranges to themsteve the molecular of Philosophy and Philosophy and Philosophy and Philosophy and of Philosophy and Philosophy and Philosophy and Philosophy Philosop

EXPERIMENTUM Cracis, is a Capital, leading, or de-ifive Experiment; thus call'd, either as, like a Croft or clive Experiment; thus call'd, either as, like a Copyl or Polt of Directions placed in the meeting of feveral Roads, it guides and directs Mee to the true Knowledge of the Nature of the Thing they are copyling after: Or, as it is a Kind of Tortuse, whereby the Nature of the Thing is as it were extreed by Violence. See Caveria. EXPLATION, the AG of Suffering the Pusiliments ad-ladged to a Main Crimes, and thus paying off and dif-

harging the Guilt

The Romanifes hold, that Souls, after Death, are fent to Purgatory, to expiate, or atone for their Sins. So

Purcarory.

The Word is also applied to Sacrifices offered to the Deity, to implore his Mercy and Forgiveness. See

Sacrifice. The Fesh of Explation, lamong the Jews, call'd by our Translators the Day of Anomewort, was held on the Xth Day of the 7th Month of the Jewigh Year, and fuering to our September. It was inflituted by God himfell, Jewit XXIII 27, Gc. On that Day, the High-Prich, the Figure or Type of Jefus Chrift, confeids his

Sins; and after feveral Ceremonies, made an Atonement for all the People to wish them from their Sins, incation the Emphatron, among the Heathens, was a Parlication uted for efficiency, or abolishing of a Crime. It was practiced with divers Ceremonies: The most utiful was Abbasion. See Ascuriox.

Emphatrons were performed for whole Cities, as well as

particular Perfore

Interfactions were personne to whose Cates, as well as
After the young Hereatin had been addited by the
Popple from the Marther of his Siller a, he was farsher peperson to Marther of his Siller a, he was farsher peterm of the Marther of his Siller a, he was farsher peterm of the person of the person of the person of the
EXPILATION, in the Curil Law, the All of Pithtance, before any Body had declared himself Her thereon.
This mode a peculiar Species of Their: For their
field by any Body in our the lateritance was excepted.
For this Resides, the Research Legitianer instructed the
EXPILATION, in Medicine, the Motess in an almut, whereby the Air, inflicient into the Lamp, in expell d,
or characteristic of the firm, and the Curily of the Beault
of the Category of

or thruft out of the fame, and the Cavity of the Breatt contracted. See Lukos. Refpiration confilis of two alternate Motions, or Actions of the Lungs, corresponding to those of a Pair of Bel-lows; Inferration, whereby the Air is drawn in; and Expiration, whereby its driven our again. See Raser-BATTON

By Means of this Alternation, the Circulation of the Blood, and the Motions of the Heart are maintain'd. See CIRCULATION and HEART

CIRCULATION and HEART.

EXPIRATION, is allow under figuratively, for the End of a Term of Time granted, agreed oo, or adjudged.—"Tim not above eight Days, till the Expiration of the Term of this Impriforment. The Term of fach a Bill of Exchange is expired, i.e. it is filled due. See BILL. change is expired, i. e. it is fallen due. See Bill.

EXPILCIT, in the Schools, formething clear, diffined,
formal, and unfolded.— The Will, Intention, Ge. is faild to
be Explicit, when its fally explained, in proper Terms a
and implicit, when its only learne by Deductions and

Confequences.

Ontequences.

The Jesus had not all an Explicit Knowledge of Jefus
Chrift, but they had at leaft an implicit one.

Such a Teftator has declared his Will explicitly, i. e.
in formal Terms; there is no need to have Recourfe to

Explications.

EXPLOSION, in Phyficks, the Action of a Thing that
drives another out of the Place it before politifeld.

The Term is chiefly stid for the going off of GenPowder, and the Expulsion of the Ball, Shot, or the like
Confiquent thermo. Sec Con-New page.

Hence the Word comes likewife to be Eguratively afield
to express such fielden Actions of other Bodies, as have

Herice the Ward comes likewist to be Egucatively and to expert their faciled actions of soft bodies, as have found Refeathance thereony, as body which fermout with creating Sound.

Sound Witness South Bodies and the South South

The Section of the Conference of the Conference of the Conference of a Square Mannel et al., and a Code 3: The Square being a Power of the Force of the Excountry, is also with the Arithmetic, in the fame of the Code of the

Term 1; 5 that of the 6 th. 32, 80c.

Hence, Unity is to the Exponent of the Power, as the Logarithm of the Root, to the Logarithm of its Power: Confequently, the Logarithm of the Root by the Economy multiplying the Logarithm of the Root by the Economy and the Logarithm of the Root is had, by dividing the Logarithm of the Power by its Exponent. Sec Logarithm of the Power by its Exponent. Sec Logarithm of the Power by its Exponent. E LAMBETTO

EXPONENT of a Ratio, is the Quotient arising upon a Division of the Americalem by the Confequent... Thus, in

the Ratio ; to 2, the Exponent is 12; and the Exponent

the Ratio 5 to 2, the Exponent is 1\(^2\); and the Exponent of the Ratio 5 to 3, is \(^2\). See RATIO.

Hence, 1** If the Confiquent be Unity, the Astecodes the Engineers of the Ratio, E. E. The Exponent of the Confiquent is the Exponence of the Ratio is to Unity, as the Astecodes to the Confiquent.

Ratio is to Unity, as the Astecodors to the Confiquent.

**Stoce, in a rational Ratio, the Exponent of the Ratio is had by dividing a rational Number by another realized the Exponent of a tradeolal Ratio, is a rational Ratio, in a r

EXPONENTIAL Calculus, or Calculus Exponentia-

LIS, is the Method of differencing Exponential Quantities, and of funning up the Differentials of Exponentials and of fumms

EXPONNITIAL Corve, is that defined by an Exponen-tial Equation — Transcendental Curves partake both of the Nature of Algebraic and Transferndent ones; Of the former, because they confir of a finite Number of Terms, the those Terms themselves are indeterminate; and of the latter, because they cannot be Algebraically conthe latter, because

firefied. Sec Cenum. Exponential Exponential Quantity; call'd allo a Transcendental Equation, and by foure, a Geometrical Irrational. See Equation, Transcendental Equation, Transcendental, &c. Exponential Equation, Transcendental, &c. Exponential Equation, Transcendental, &c. Exponential Equation, or flowing Quantity. See

No an insecrementary variable, or allowing Quantity. Or Quantities are of feveral Degrees and Orders, when the Exponent is a fimple indeterminate Quantity, it is call'd an Exponential of the first or lowest

Degree. When the Exponent it felf is an Exponential of the first Degree, then the Quantity is an Exponential of the and Degree.

Thus at is an Exponential of the first Depree, be cause the Quantity y is a simple flowing Quantity. But 27 is an Exponential Quantity of the second Degree; be-

caufe wa is an Exponential of the first Degree. So also a is an Exponential of the third Degree, the Exponent vx heing one of the fecond.

EXPORTATION, in Commerce, the Act of fending Commodities out of one Kingdom into another. See COMMERCE

Construct.

The Merchandines yearly Exported from England are Immentio.—The principal Articles are Corn, Cittle; Cloth, loon, Lead, Tin, Leather, Coal, Honey, Bix, Honey, Haise, Mark Laguers, Fifth, Winzies, Ribbands, G. Conspared to amount at a concept Property of the Compared to Article of the Compared to Article of the Compared to Article, and Lead, Tin, and Coals, secono Penud. See Wood-Lawin. Event, Gr. are committed Goods, i. e. prohibited to be explorted. See Convranance.

For the Duries of Exportation, See Ouver, and the Compared Compared

For the Ducies of Esportation. See Durve ExPGSING, the facting a Thing to publick Viewness, requiry, Englary, Libellog, fails Weights and Meditings and modification of the Philory, to line the Reasily Charich, the Starmont is fail to list Expfoif, when this them in public, uncoverd, on performance of the Company Indiagnoses.

The Turn is also und with with a father Lactated VIsia, The Company Indiagnoses.

age form is also used with a ruttner Listitude: Thus, we fay, 'tis prohibited to Expoje falle, or clipp'd Money. Children are formetimes Expojed in the Streets, i.e. with Delign to be loft. — Such a re-left in the Streets, with Delign to be loft. — Such a are are in the Streets, with Denigo to be folf. — Such a House flands very high, and has a delicious Project, but it is exposed to all the Four Winds. Such a City being on the Frontiers, and not fortified, is Exposed to the In-failts of every Party of Foreca.

EXPOSITION, the Act of Exposing. — But the Term has a further Meaning, being likewise applied to the Interpretation, or Explication of an Author, or a Passage

Thus we fay, an Exposition of the 39 Articles, of the Lord's Prayer, &c. In which Seo'c we do not fay Exposing, but Exposure.

EXPOSITOR, or Exposition, a Title fome Writers are given to a little Kind of Dictionaries, or Yocaba-

faries, expounding, or explaining the Meaning of the hard Words of the Language, See Dictionary and Voca-

EXACASURE, or Expensives, in Gardening, the EXPOSURE, or Expensives, in Gardening, the Major of the Affect, or Studies of a Garden, Well, Johnson, et al. (1998). There are four expels Kiels of Englishers, via Edy, Woft, North, and don'the Bast it mult be observed, that among Gardene, but Terms fapiles in the consury so what they do among Gardene, but Terms fapiles in the consury so what they do among Gardene, but Terms fapiles in the consure when the Company of the Company of the North Company of the Company of RULARY

its Sides. of

of its Sidor. If they find, that the Sun at its Rifing, and during the firth plat of the Day, continues to finite on one Side of a Garden or Wall, they call that an Englerar Engaglera, or Engl West, Sec. And if the Sun begin to fittine later, or call forms, it is not a proper Englerar Englerar. For the fame Receion, they call the West, the Side the Sun filters on in the latter ball of the Day, i. e. from Sun filines on in the latter hair or the Pasy, in Noon to Night. And accordingly, the South, or South Explosive, is the Place whereon he filines, from about Nine a Clock in the Morning, till Night; or which, in the general, he filines longeld on in the whole Day; and the Part he filines leaft on, is the North, or Northern and he lines.

the general, he filities longell on in the whole Day; and the Part he filines kell fin, in the Narrh, or Northern Engleting, it what Elous Bover is begin or each, being Such in the Gardeners Language with Regard to the Engleties, and particularly table of Walls; by which we are ick into the Signification of this or the like Engeld and the Company of the Company of

ninciscs.

The Enferm, commencing differently at different Seations of the Year, and ending about Noon, full-field the Tree, 8°C, 60 the N.E. Whish, which whether the Leave and Seate of the Year of the Park of

Dows of the Night.

M. Gentil recommends the Enferm Experies, as bester all Kinds of Peaches; adding, that they riven foocest, grow bigger, are better colourd, and of a finer Tast than grow bigger, are better coloured, and of a huer auer man in any other: But Mr. Carpheure relations the Role to the early and middle Sorts: For the hackward, he rather chufe a Southern, or South Eaft Explainer, which is befi for all late Froits; because the Influence of the Sun is flrengeft, and continues longetic therein.

firengett, and continues longeit therein.

The Weigers, accounted from half an Hour paft rr,
till Sun-let, is backwarder than an Enform one by 8 or
to Days; but it has this Advantage, that it receives little
Damage from the Froits, which melt before the San comes Paramege soon the Fronts, which mere recover the San comes to filine upon the Frair, and fall off like Dew, without deing any Prejudice: So that it may bear Apricocks, Peaches, Peacs, and Plums. But it is incommoded with North W of Wirds in the Spring, as also the Autumn Winds, which blow down a deal of Fault.

The Northern Exposure has he's Sun than the West; yet is it not without its Advantages. In the Northerly Parts of England, it bears little else het Pears, Cherries, Parts of England, it beam little life her Penn, Cherici, and Funn. In an in the summer Parts it ferwar for April and the Cherical Parts of the Cherical Pa

We allo fay finescales shadron, to find an Express, menning a Contract. See Couptain.

EXPENSED 6th, are fish as are procured from Bodies, only by prediging as the Citle of Olives, Almonds, and EXPENSEDO, in Medicine, Copynithry, etc. the All of EXPENSEDON, in Medicine, Copynithry, etc. the All of Expressing, or contracting the places of Plans, Parish other Matters, by Squeening, wrapting, or prediging them in a Yeels. See Parish

After having let the Herhs infuse their due Time, their Juice must be drawn by Expression in a Linen Cloth, or der a Prefs. See Inpusion EXPRESSION, the Manner of delivering, or conveying

Man's Ideas to another.

a Maris Ideas to another.

The Simplicity of the Engletigue, leaves the Grandour, or Listensia of the Thought, to be precivid-action, Different Conference, Different Conference, Different Conference, David Chair of Words in a Different — "Tis not recognized to the Conference of the State of the English of th to the Delatics of the absent writers, are attend either to an Expression profiler to their Languages; or to Relations, which not being: fo familiar to us as to them, do not give us the fame Fleature. De la Mora de lively Representation of the Subject, or of the Several Objects intended fentation of the Subject, or of the Several Objects intended

to be fhewn. See PAINTING.

The Expression confists principally in representing the human Body, and all its Parts, in the Action suitable to it; in exhibiting in the Face, the several Passions proper

it; in exhibiting in the Face, the feveral Patitions proper on the Figures; and oblerwing the Medicions here impression the other command Parts. See ALTYPERA. For Patition: But they differ in this, that Expertigion is a general Term, implying a Repredication of an Object, apprendid to its not have in the Work; and Patition, in Paint-office it is no have in the Work; and Patition, in Paint-ing and the Patition of the Face, which must be no distance Directions on Aris of the Face, which must be no distance Dispositions, or Airs of the Face, which mark an Agitation in the Soul. So that every Passion is an Empression; but not every Expression a Passion, See Passion

every Experience a Politica. See Passeno.
The Lours, realized Sexperilline in Politicity, The Lours, realized Sexperilline in Politicity, and the Politicity of Tallage Section Politicity of the Politicity of the Section Politicity of the Politicity of the Section Politicity of the Poli

Sompett.

5". To this End, the Hiftory, or Fable, is to be well flu-died in the Authors who describe it, in Order to conceive iss Nature and Character truly, and impress it Broogly on the Imagination, that it may be diffused and carried thro' all the Parts of the Sobject. See Acriton, FA-BLE, EG

4°. A Liberty to be taken of chusing favourable Inci-4. A laberty to be fasch of change awourants inclens, in order to diversific the Expressions provided they be not comeany to the principal linage of the Sauject, or the Trush of History. See Erraspor.

5°. The Harmony of the row Enfemble to be particularly worsheld heat with the delication of the control of the control

larly regarded, both with regard to the Actions, and the our. See CLAIR objects

6°. The Modes and Cuttoms to be observed; and every hing made conformable to Time, Place, and Quality.

See Cervice. Unities of Time, Place, and Addron, to Action of the Sahydi, the Endyward, and the Action of the Sahydi, the Endyward, a Tilter the Philipse of of the Sahydi, the Endyward, a Tilter the Philipse of the Sahydi, the Endyward, a Tilter the Philipse of the Sahydi, and the Endyward, and the Philipse of the Action o ay, which Brutes cannot.

2°. Children, having not the Use of Reason, act much

2°. Chlistren, having not the Ufe of Reaton, at much cen the Footing of Bruses; and express the Mosions of their Passions directly, and without Fear or Diffguille.
3°. The the Passions of the Soal, may be expressed the Addiens of the Body; 'tis in the Face they are principally shown; and purecularly in the Tarm of the Eye, and the Motion of the Eye-brows.

and the second of the Eye-brows.

4" There are two Ways of lifting up the Eye-brows,
the one at the middle, which likewife draws up the Cormers of the Month, and argues plustlant Motions: The
other, at the Point next the Nofe, which draws up the
middle of the Month, and is the Biffect of Grief and

4. The Pations are all reducible to Joy and Sciencis, each of which is either simple, or mixed and perforance. "S Simple Joy causies a Distancian of all the Parts." Of the Parts of the

lively, the Forehead freze.

**P. Plifforms Joy preceding from Love, flews the Forehead finooth and even, the Eye-brows a little elevaned on the Side the Pupil is turn'd to, the Eyes flyachling and open, the Head inclined rowards the Object, the Air of the Face finding, and the Complexion reddy: — That proceeding from Delire, flews it felf by the Body, the Airus extended towards the Object, in nancertial and unquiet

Motions.

8°. Simple Sadnefa, is Exprefl'd by the Body being east down, the Head carelefly hanging adde, the Fernhead wrinkled, the Eye-head wrinkled, the Eye-head wrinkled, the Eye-head first open, the Corners downwards, the under Lip pointing and drawn back, the Notfrils we'lld, and drawn downwards.—That back, the Nofirlis fwelld, and drawn downwards.—That mix'd with Fear, caufer the Parts to contract and palpitate, the Members to remble and fold up, the Vifige to be pale and livid, the Point of the Nofirlis elevated, the Pupit in the middle of the Eye, the Mouth openest at the Sides, and the under-Lip drawn back,—In that mix'd the Sides, and the moder-Lip drawn back.—In that midd, with Agger, the Morisons are more violent, the Pars all againste, the Muclius fewelfd, the Payal will and fraction the Muclius fewelfd, the Payal will and fraction the Muclius fewelfd, the Payal will all fractions of the Mouth a little eyes and homispe the Vietnesses of the Mouth a little eyes and homispe the Vietnesses of the Muclius and the Muclius the little, all their excl.—It will all fractions the little, and the little will be all the second to the little will be all the little will b

our Sentiments and Paffinists. The mitting of the Hands conjoyed an observable Haven, neglegil Develora. Wringing the Mindel, Golfs' Throuting them towards Hexan-and Delpairs Holling the Hands, Helens's Holling the and Delpairs Holling the Hands, Helens's Holling the Eligores indexed, musings Holding forth the Hands to Hands and Hands and Hands and Hands and Hands and and Elye to Hexan-co. Alling fined and Elye to Hexan-ton and Elye to Hexan-co. Alling fined the right Hand from us, Probabitions: Extending the right Hand on up one, Flys, Peace, and Solvin's Searching the Head. to any one, Pity, Peace, and Safety: Scratching the Head, Thoughtfulnets and Case.—Laying the Head on the Heat, folkum Affirmation: Holding up the Thumb, Apprehation: Laying the Foor-finger on the Mouth, bid-ding Silence: Giving with the Finger and Thumb, Parcel dars: An Amonther To dieter bie 91.

10. The Sex of the Figure to be regarded; and Man, as he is of a more vigorous and refolute Nature, to appear in all his Actions from and bolder than Women. pear in all his Actions treer and boader than women, who are to be more referred and tender. 11. So also the Age, the different Stages whereof incline to different Motions both of Body and Mind.

to different Motions both of Body and Mind.

13. The Condition, or Hooseur, a Perfect is invected withal, renders their Addiess more referred, and their Motions more grave; contrary to the Populace, who obferred little Conduct or Redraint; giving themsides, for the most part, up to their Passions; whence their external Motions become rude and disorderly.

Lattly, in Spirits we must retrench all those corrupts hings, which ferre only for the Prefervation of Life, Latily, in Spirits we have reconstructed of Life, as Veins, Arteries, &c. only restaining what may ferve for the Form and Ecusy of the Body.— in Angels, particularly, as being frank-life Figures, we are to mark out their as the state of the Body.— in Angels, particularly, as being frank-life Figures, we are to mark out their families of Figures, which is the state of the Body of the Spirits of Power, Activity, and Contemplation.

EXPULSION, the Act of driving a Man by Force out

EXPULSION, the Act of driving a Man by rocce out of a City, Community, or the like.

Militon is upbraided by one of his Antagonith, Archifting Paramball, with his Expulsion from the University of Oxford; but he fluews it a groundleft Suggettion.—Mr.

was expell'd from Cambridge, on Safpicion of Herety.—Expulsion out of Partisances, Sec.

Herety.—Expusion out of Parisiment, Oc.

Expresson, is also field in Medicine, for the Act of
driving a Thing our with Violence, from the Place it was in.

The Uterm has the chief Office in the Expussion of
the Farm: If the Expussion of the Farms happen within
feven Days after Conception, 'its call'd a false Eirth. See
Fourmy, District, See.

EXPURGATION, in Aftronomy, is used by fome Authors, for the State or Action of the Sun; wherein, after having been Eclipfed and hid by the Interpolition of the Moon, it begins to appear again: But the ster Astronomers do all call this, Emersion, not Expurgation. EXSICCATION, in Chymistry, &c. the Act of dryings or evaporating the Moisture of a Thing. See Evapora-

Tion.

The Word is Latin, form'd of ex, and ficent, dry.

EXSUDATION, the Act of fweating out — in w
manager Gums. Bellams, Se. are produced from Trees.

Gum and Bales.

EXTANT, fomething fill fubfifting, or in being.

The but part of the Hiftery of Levy, of the Writings of Cerra, Cefar, Sec. that are Extant; the relt are loft. We have nothing Extant of Secretar; the' he were a

EXTASY, a Rapture, or Removal of the Mind out of natural State and Situation: Or, a Transport, whereby Perfon is hurried out of himfelf, and the Office of his

we call an Exessy.

Extrasy, in Medicion, is a Difeast much like a Catalepsy, coly diffiring in this, that the Catalepsic Patient has no Perception of what paties in his Paroxylin, nor any Remembrance thereof when 'is over; whereas the Extrate is taken up with a very lively Idea, or Imagination, which he runmuchos afterwards.

as taken up with a very levely life, or lungination, which is no Errogly, here mult be an unufall Turtion of the Falters of the Senfory, as in most Dictirous, Ere. See Park Lawrence, or one bound by Stream, Gr. See Park Lawrence, or one bound by Stream, Gr. See Park Lawrence, or one bound by Stream, Gr. See EXTENDING, in a Ergal South, figure the value of Extending the Computer of the Computer o

Body, it is call'd Fatention, See Space.

Body, it is call'd Francisco. See Space.

Extension is respected, reconstructed with Constitity and
Magalines's and, for what we can percuive, without
make litter. The Tring diguided by them all appearment litter. The Tring diguided by them all appearment litter. The Tring diguided by them all appearment litter. The Constitution of the Space of the
by fonce Austron, that the Extension of a Body is formthing more arbitration; and are Relation to make
more arbitration of Constitution of the Cons EXTENSOR, in Anatomy, a Name common to divers Mufcles, ferving to extend, or firetch out the Parts; and particularly the Hands and Fort: Such are the

Expension Carpi Ulnaris, call'd also Cubitons internue. EXTENSION Carpi Ulmaris, called also Cubitensi internus, a Mucicle, which coming from the internal Peruberance of the Homeron, and peding tendinous under the Ligamentum Annualers, is inferted into the upper Part of the Bone Manacarpana, which answers to the little Finger. This, and the Ulmari Heaver, moving together, draw the Hand fide-wife towards the Ulma.

Hand Roc-wife sowards the Copie.

Extensor, Carpi Radialis, call'd alfo Radiaus Extermiss, and Brownis, is really two diffinit Mufcles. The first
arifes from above the external Protuberance of the Humeariles from above the careful Postulerance of the Hunter-run; and the focus from the lowerand Post of the external all Postulerance. They both lie along the external Pure of the Realing, and printing under the ransitar Linguistic of the Realing, and printing under the ransitar Linguistic fulfillians the Foredinger, Paris on counted the Windows failulation the Middle-lunger. Their now cannot the Windows Extrassion communit fujirerum memu, arific from the external Providences of the Hunterry, and at the World divide into three fits Texticon, which pells moder the constant Linguistic, to be inferred into all the Bons of the

divides into three first Tendons, which pets under the annular Ligament, to be inferred into all the Bones of the Fore, Middle, and Ring-singer.

EXTENSOR print unrerundit politicis, arifes from the upper and certernal Part of the Usun, and patting obliquely over the Tendon of the Radius externus, is inletted near

the fecord Joint of the Thumb.

Extension fectuals intermedic politicis, arises from the upper and internal Part of the Radaus, and is inferred into the upper Part of the second Bone of the Thumb. EXTENSOR tertii intermodii pollicis, atifes from the Ulus, a little below the first Extensor, and is inserted into the third Bone of the Thumb.

the third Book of the Abumb.

EXTENSOR indicis, comes from the middle and external
Part of the Ulms, and passing under the annular Ligament,
is inserted into the third Bone of the Fore-singer, where it joins the Extensor Communis,

EXTENSION minimi Digiti, arifes from the external Protuberance of the Humerus, and from the upper Part of the Ulua; and paffing under the angular Ligament, is inferred into the third Bone of the little Finger.

inderted into the third Bone of the little Finger.

EXTENSON TOUTHIER, arises from near the upper half of
the Pérone Servards, and poiling, under the ansalar Ligament, is inferred into the last Bone of the spear Tou.

EXTENSON digitarisms Pectit Jongus, is a Mattle derived
from the fore Part of the upper Epiphysis of the Thirds,
and growing tendhous about the middle thereof, runs in
four Vindous moder the annuals Ligament, no the third
four Vindous moder the annuals Ligament, no the third Bone of every Toe, except the Poller.

Bone of every Toe, except the Voltes.

EXTENSION SIGNATURE THE SPECIAL COMES from the exterior and fore Part of the Coleanneum, and goes to the
formed Joint of the Tools

EXTENSION Spolling; Peolis longur, eiffes large and fielly
from the fore Part of the Fibula, a little below its upper
Process; whence, puffing under the annual Ligament, it
is inferred into the upper Part of the forced Bone of the

great 10c.

EXTENSION pollicis Pedis brevis, springs fielby from the fore Part of the Os Calcis, and after a short Belly, is contracted into a stender Tendon; which running obliquely over the upper Part of the Foot, is inferred into the ic-

over the upper rart or the good, as inferten amount income above or the Poller.

EXTENT, in Law, hath three Significations; founcimes it denotes a Writ, or Committion to the Sheriff, for the Valuing of Lands and Tenaments: Sometimes the Act of the Sheriff upon this Writ. And forestimes the Ellimate, or Valuation of Lands, per propries Virus. Flexa, Lib. 2. See Extending.

EXTENUATION, the Act of diminishing, or leffening,

EXTENDATION, the AA of diminishing, or liftning, the Force of a Thing, we fay, Even, Agen, Iong Adminishing, or Harmonian and the Agent and American Section 19 of the American Section

daty.

EXTERNAL, or EXTERIOUS, a Term of Relation, applied to the Surface, or out-fide of a Body; or that Farr which appears, or prefent, to the Fye, Teach, &c. In which Senfe it is exposed to Interior. See INTERNAL.

See INTERNAL.

External Medicines are also call'd Topicks. See Topic.

The Senses are divided into External, which are those whereby we perceive Ideas, or Perceptions of External Objects; as Seeing, Hearing, See, and Internal. See

SENSES. EXTERNAL, is also used to express any Thing that is without-fide a Man, or that is not within him, and particularly in his Mind. In this Sense, we say External Ob-

jett, &c. See Object.

The Exilience of an External World, i. e. of Bodies, and Objects, out of the Mind, is a Thing has been greatly call'd in Queltion of late. See MAYTER, BODY, WORLD,

Were it possible for Bodies, i.e. folid, figured, &c. Substances to exist without the Mind, corresponding to ountrances to CRRR without the Mind, corresponding to those Ideas we have of Enternal Objects, yet how were it possible for us to know it? Either we must know it by Senfe, or Reason: As for our Senses, by them we have only the Knowledge of our Sensations or Ideas: They do not inform us that Things exift without the Mind, or unperceiv'd, like those which are perceiv'd the Simin, of unpreceively like thole which are perceived, it remains, therefore, that if we have any Knowledge at all of Esternal Things, it must be by Reafon, intering their Estitence from what is immediately perceived by Senfe. But how shall Reafon induce us to believe the Estitence of Bodies without the Mind, when the Patrons of Matter themselves deny that there is any constitution of the Senfe without the Mind, when the Patrons of Matter themselves deny that there is any constitution of the Senfe Sen the Patrons of Matter themsleven deep that there is any necessary to be a second on all Hands, and what happens in Effect, its geamed on all Hands, and what happens in the youl Diffusts, that we might sentiate, 65 pages it be-youl Diffusts, that we might sentiate, 65 pages it be-toom a second of the second of the second of the Ideas we have now, the there were no Bodies catifing thou, refembling them. Hence, it is evident, he Sup-position of Esternal Bodies is not execulty for the position of Esternal Bodies is not execulty for the control of these Bodies in the Supposition of Human theory of the Bodies is not execulty for the second of Human theory of the Bodies is not second to the Supposition of Human theory of the Bodies is the Supposition of Human Knowledge, p. 59.

'Granting the Materialists their External Bodies, they
by their own Confession, are never the nearer knowing

how our ideas are produced; Since they own them-felves unable to comprehend in what Manner Body can be used to the produced of the state of the con-graph of the state of the state of the con-graph of the state of the state of the state of the or Seaf-frient, in our Minds, can be no Rendu why we we fload in speed Manner, or Corporal Subtiness, or we fload in speed Manner, or Corporal Subtiness, or Supportion. In florit, the other were Exertical Bodin, the state of the state of the state of the state of these were none, we should have the finne Canfe to their were none, we should have the finne Canfe to "Tre, whether we can onceive it possible for a Sound."

think there were that we now have: **M.sps.s., p. 60, 61. "Try, whether you can conceive it poffills for a Sound, or Figure, or Motion, or Colour, to exill without the Mind, or unperceived. This may perhaps convince you, that what you contend for, is a downright Contradiction.—I am consent to put the whole upon this life: If you can but conceive it possible for one extended, move that when the property of the contradiction.

yes on het concide it profills for one extracted, more-side behinders, or in general, for any one lads to ceill software than in a Mine proceiving it; I fluid readily it is a second of the proceiving it; I fluid readily it is seen as the proceiving it; I fluid readily it is seen as the proceiving it; I find a second from the fluid readily seen and Experience of their Morience was without the Affering proceeded on them. First, Therefore it was thougher contracted on them, and Experience of their Morience and Experience of their fluid readily seen in the contract the Minel, and for this Readile, it feeted in excelling the fluid post of their fluid post of the fluid readily seen and the fluid post of the flu continued that Colours, Sounds, and the cert of the CarMan faceshare, Qualitics had no Enteriore without the Man faceshare, Qualitics had no Enteriore without the learning only the primary care, Figure, Morion, Gr., which they fill in concavid to call without the Milo, and contribution of the contribution of a neutral Sup-cession of the Carlon of the Carlon of the Carlon which receives them, in follows, that we have no longer part of the Carlon of the Carlon of the Carlon which receives them, in follows, that we have no longer part of the Carlon of the Carlon of the Milos and to the Carlon of the Carlon of the Carlon of the Carlon of the Part of the Carlon of the

e under the Article Existence.

EXTERNAL Angles, are the Angles of any right-lined Figure form'd without it, when all the Sides are foverally roduced. See ANGLE.

produced. See Anoles.
Thefe are all, taken together, equal to four right Angles.
Particularly, in a Triangle, the Exercise Angles, (Yab.
Geneutry Eg. 74.) is equil to both the internal and oppoints one a and y. See Tailanoles.
EXYRANAL Rights,
EXYRANAL Rights,
EXYRANAL Rights,
EXTRANAL Rights,
See State Control of the Control
State Co

EXTERNAL Beauty, 3 SELECT.

EXTERNAL Beauty, 3 First anatomy, a small Musice coming from the Side of the Mastus Anatomy, to the fluor Process of the Malleaus ferving to draw the Handle thereof downwards, and so to relax the Membrana Tympani. See Transaceus and Malleaus.

EXTINCTION, the AR of Extinguishing, or destroy-

EXTINCTION, the AR of Extinguishine, or extensy-ing Fire of Lable, that there is reportly any fisch Thing as extinguishing of Fire. The a Body Sut general; of an immensible Nisara, and we can no more extinguish, or fire the state of the state of the control of the The Ariginations account for the Extinction of Fire from the Piscoles of Contentienty; that, gly they, Wast-tern to Find the Contential of the State of the trary to those of Fire; the cus being cold, and motif, and the other, nor and dry. But both for this will go, may appear been, that Fire is exchangibiled by the Wister wastername. PERISTASIS Some of the Moderns offer two more plaufible Caufes of

Some of the Moderns celer two mote plaufile Caule of Estimilities, via. Delification, as when the next, imme-diate Feal of the Filime, is differfed and blown off by too forcible a Wind: And Suffacetion, when it is fo con-petfed, as that its free Motion cannot be maintained; as happens upon throwing Water, 5c. thereon. See Ferl.

happens upon university water, O.C. tarcon. Sec FFFL.
Extraction, in Clymiffly and Pharmacy, is when a
Meni, Minemi, or the like Body, after having been heard
of hot in the Tipe, is plaqued in fome Finial 9, either no
folicin and temper its Accimony, as the Turty made of
Fornis or communicate its Virue or the Liquor, as
Iron or Steel in Water 9 or, laftly, to give it a Temper, as
in the Extractions of Swel is Water, or other Perpantion. EXTINGUISHMENT, in Law, is used for a Confoli-

dation. See Consolidation,

E.gr. H. Man, having a yearly Rest due to blin out Quantity of the Menfirmum is shown off, reduceds the fine Lands, show remaining Marcest to the Conflience of Linery, as in the hoppopy and Rest the coincing Confliction, et culture in Fernation of Marcest to the Conflience of Linery as in the hoppopy and Rest the Conflience of Linery as in the hoppopy and Rest the Confliction, the Rens is fail to be extragally d.

Extractly and chiefly made from Vegetables, and equal to the Parisa of Specific Confliction of the Parisa of

DATION.

So allo if there be Lord, Melin, and Tenant, and the Lard purchase the Tenancy, the Melinaity is estimate.

EXTIRPATION, the Act of pulling up, or destroying a Thing to the very Roots.—Dogs Grafa is a Weed very diffigult to Estimptote.

a nong to me very door. I long Genfi is a Weed very displace the Long-Jose of the Renaity black, when is one for the Entire that the Control of the Long of the Control of the Long of the Control of the Long of

Families, the yantaes and Gyrans, contented, or wa-aport, peculiarly for it.

In Hady, the first Extissions were the Herrarisans; among whom, likewise, the Art was in great Reput-Lancan gives us a fine Description of one of these Ope-rations in his First Book.

The Word is fourn't from the Latin exts and Pictore,

f fricio, I view, confider.

EXTORTION, in Law, an illegal Manner of wrefting any Thing from a Man, either by Force, Menace, or

ing any Thing form a Man, either by Joves, Moneson, or America.

A ment of the Gardiner, by stripting, or founding amother on Prevence of his Office, risks more than his ordinary Fere, or Dough, teammins, and his folkish for Exercises and the Company of the Com

Justification.

Expra Parachiest, what is out of the Bounds of any Parish, or privileged, and fixed from the Duties of a Parish. See Parish See

firum. See Extraction.

Extract, in Matters of Literature, &c. is used for fome Matter. Doctrine, Passage, or the like taken from

firmum. See Extractions. Linearum, etc. is said for Extraction. In Main Suffage, or the like table from a Book, or Regilier.

The Journal, Noncoller, Bublishburger, Monorier, and other face, which was a substitution of the Affaire of Affaire of the Affaire of the Affaire of the Affaire of Affaire of Affaire of the Affaire of the Affaire of the Affaire of Affaire

different Mentruums, according to the different Nature of the Plants; effectively in Gurmonu Kind: For fuch as are mealingfrone, as Guns Arabre, and Tragacouth, &co. ero not easily distolved but in aqueous Liquors; whereas, on the other Hand, erificous Guns, as Gelbaroum, Scammony, &c. must have burning Spirits to diffolyothem. See Con-

Extraction belongs to the Exarells, as a Species to its

enus. See Examesia. emus. See Exercises.

EXPRACTION, or Descent, in Genealogy, is the Line, tem, Branch, or Family which a Person is descended from.

See Descen-

Set Discense.

In force military Orders, Chapter, Sé. a Candidate mall make Proof of the Nobility of his Exercition eract make Proof of the Nobility of his Exercition erac Exercition erac of Reset, is the Method of finding the Root of a given Number or Quantity. See Roov.

The Square, Cade, and other Powers of a Swinner, or The Square, Cade, and other Powers of a Swinner, or the Swinner of the Cade, and other Powers of the Swinner, or the Swinner of the Cade, and other Powers of the Swinner, or the Swinner of Times, as the Power required in higher of lower.

This Multiplication compounds the Powers and the In Multiplication compounds the Powers and the Letrafilion of the Root decompounds them again, or re-duces them to their first Principles or Roots. So that the Extrafilion of the Root is to the Multiplication of the Power, what the Analysis is to the Synthesis.

Power, what the Analysis is to the Synthesis.

Thus, 4, multiplied by 4, produces 16; which is the Square of 4, or the Factum of 4 by it felf: And 16 multiplied by 4, makes 64, which is the Cube of 4 or the Factum of 4 by its Square.—Such is the Composition of Powers.

poffitus of Powers.

Agin, the Square Root of π is 4, by Reafon 4 is the Quotient of π is divided by 4,5 and the Cabe Root of ξ is the Root of ξ is divided by Headen 5, but Quotient of ξ of divided Headen 1,0 and the Cabe Root of ξ is the Headen 1,0 and the H being multiplied a certain Number of Tittes into it felf, rendaces the given Power, e. gr. 16 or 64. See Power, For the ExtraGion of Square and Cube Roots, 'its ne-cefflary to have the Squares, and Cubes of all the Digits in Readmets, as exhibited in the following Table.

Rooes	1	2	3	4	5	6	7	8	9
Square	1	4	9	16	25	36	49	64	81
Cubic	ī	8	27	64	125	216	343	512	729

To Extract the Square Root out of a given Number. To Extract the Square Root out of a given Number.

19. Divide the given Number into Claffic, of two Figures

2-piece; and include each Claft between two Dots, commercing with the Place of Unites, or right Hand Figure;

The Root will confift of fo many Parts, or Figures, as

you have Claffic.— By the Way observe, it may happen
that for the laft Clafs on the left Hand there thall only one Figure left.

2°. Thea, the left Hand Class being the Square of the can't reserve our mere action would being the Shapure of the first feet Square Rose and freeding to the Number 2.0, if the Square Number 2 was affected by the Rose and Rose Square Number 2 was precisely there, to the next tell Number 2. This Rose write down for the first Flague or the Question Flague and the Rosenidor, bring down the next Calif wound the right, "5" Witin down the double of the Question Flague and the Rose from the Nonder underwriters, multiplied by the lift Flague of the Rose, from the Number underwriters, multiplied by the lift Flague of the Rose, from the Number or 1, as in Division.

5°. The Operation being repeated according to the third and fourth Steps, i. e. the Remainder being fill divided by the double of the Root as far as settraffed, and from the Remainder, the Square of the F-pure that list came out, with the Duple of that for fall Divider augmented that being followed. you will have the Root rethereby, being subtracted; you will have the Root re-

E. gr. To extract the Root of 99856, point it after the following Manner, 90876, then feek a Number, whose Square shall equal the first Figure 9, ero. 5, and write it in the Quotient; then having substracted from 9,

Otherwife, with the Divifors fet down, it will fland thus:

Again, if you were to Extract the Root out of 221787912 first, having pointed is, fock a Number, whose Square (fi it easons the exactly equalled) final be the next the Square, (or nextell) to 22, the Figures to the first Point, and you will find it to be 4. For 145, or 25, it greater than 23 and 4×4, or 16, is letting wherefore 4 will be the first Fi-gure of the Root. This

22178791 (4709, 43637, Ge. 16

73624231

therefore being writ in the Quotient, from 18, take the Square 4×4, or 16; and to the Remain-der 6, adjoin the next Figures 17, and you'll have 61;3 from whole Division, by the double 617 of 4, you are to obtain the fecond Figure of the 411000 376736 3416400 2821649

Root, viz. neglecting the last Figure 7, say, How many Times 8 is contained in 61? Answer, 75 wherefore write 7 in the Quotient, and from 617, take the Product of 7 60075100 56513196 into 87, or 609, and there will remain 8, to which 356190400 281566169 join the two next Figures 87, and you will have

287; by the Division whereof by the double of 4), or 94, yet are to obtain the third Figure; in order to which fly, How many Times is 30 constituted in \$27 Andrew, cy sireforce write to in the Quedent, and significant which for the properties of the third which Direction by the double of 47%, or 54%, you are to obtain the hill Figure, vie. 15%, How many Times 39% in \$851/2 Andrew 23 wherefore write 9 in the Questions, and you will have the Rose 47%. Before the Product of the William of the Number 2175/22 to the Number 2175/23 to the Numb

precifely, but a little less.

If then it be required to have the Root approach in then it be required to have the Root approach neater; carry on the Operation to Decimals, by adding to the Remainder two Cyphers in each Operation. Thus the Remainder 4110, having two Cyphers added to

it, becomes 410003 by the Divition whereof, by the double of 4109, or 9416, yea will have the first Decimal Figure 4. Then having writ 4 in the Quarter, thereof 4 × 94184, or 376736, from 411000, and there will remain \$34164. And fo having added two more Cyphers, the Work may be carried on a Pleafuer, the Root at Reight

one were many be carried on at remainer, the Root at length coming out 470, 4765, Ed.

But when the Root is carried on half Way or above, the reft of the Figures may be obtained by Division above; As in this Example If you had a Mind to extrall the Root to nine Figures, after the five former 4700, a securified the one later was to had be divided.

Root to size Figure, after the five former 470%, are retrieved, the root latter may be had, by dividing the retrieved for the retrieved fo

remain 2: The naving feet we work to an ext. Figures, viz. 29 to it, (viz. to 2) feek how many Times the double of 1, viz. 2, is contain'd in 22, and you will find indeed that it is contained more than 10 Times; but you are never to 2)229

take your Divisor 10 Times, no, nor 9 Times in this Case; because 36) 576

After the fine manner are Roots Extracted out of Docimal Numbers.—Thus the Root of \$5,90, 6 is 1,8,159, and the Root of \$5,19,96 is 1,8,159, and the Root of \$5,19,6 is 0, 8519, and fo on. But the Root of \$5,99,6 is 0, 4447, and the Root of \$5,9,96 is 5,74447, And thus the Root of 9,9856 is 5,76. give the Root 181, 59.

Thus, to Extrast the Cube Root of 13312053, the Num-Thus, to Esersell the Cale Root of 1311-035, the Numer is fift to be pointed fart this manner, this 1311-035, then you are to write the Figure 2, whose Cacle is 6, in the fift Pieter of the Question, as, that which Cale is 6, in the fifth Pieter of the Question, as, that which Cale is 8, in an analysis of the Cale is 6, in the fifth Pieter, and having fabranched 13311-093 (237 that Cacle Numer) and having fabranched 13311-093 (237 that Cacle Numer

11)rem: 53(4 or 3

that Oabe, three will re-main 5.5 which being augmented by the next Figure of the Refolvend 3, and divided by the triple Square of the Quo-tice a, by feeking how many Times \$2.4, or 1.4, is contained in 52, it gives 4 for the Geordien. But 2 of the Quotient. But 2 Subtract Cube 12167 1587)rem: 11450 (7

Remains o the Quotient. But fince the Cabe of the Quotient 54, vii. 136:4, would come out to great to be fabrucald from the Figure 1351s. that precode the food Poles, there must const 5 to writ in the Question Them the Question of the third that the constant of the

Whence it is civilent, that the Roce Englis is 3.7 So, to Extract the Qualtura Calcilla Roce of Seign-Soo, it must be pointed over every fish Figure, and the Figure 5, whole Quadron Colle, or fifth Poster, must be wit in the Quotient. Them the Quadron Colle, 25, being Inharded from 564, there remains 214, which augmented by the next Figure of the Refedence, 564, 20820 (28), feet Tumout the Reduction 564, there exists a series of the Reduction.

of the Ouotient, triz. by feeking how many Time 405) 1212 (4 1 x 81, or ans, is contain'd 33554432 in 1113, it gives 2 for the fecond Figure. That Que-tient 32, being thrice mul-

tiplied by it felf, makes the Biquadnate roady/frs, and this again multiplied by 32, makes the Quadrante roady/frs, and this again multiplied by 32, makes the Quadran Cabe 33534313.

Therefore 3a is the integer Piert of the Road, but not the rune Roady wherefore if you have a Mild not proficuate flow Work in Decimals, the Remainder, augmented by a Cypher, mult be dvided by five Times the affording Biquarber, multiplied and the second of the secon pher, must be divided by five Times the aforefield Biquadrane of the Quotient, by feeking how many Times 2 x 20,857.6, or 5,42,880, is contained in 25,5588, c, and there will come out the third Figure, or the first Decimal 5. And 50 by fubracking the Quadrate Cube of the Quotient 3,5.5 from the Refuvend, and dividing the Remainder by five Times its Higuadatate, the fourth Figure may be obtained.

And to an in-fulling and the state of the state of the form $L_{\rm eff}$ is convenient only to indicate the Enterfellow of a Root; effectably where it cames be had castly. Now, the Soppine Chandron, winderly Room are castly. Now, the Soppine Chandron, which planes are Square, E. gr. χ^{\prime} denote the Square Root, χ^{\prime} to the Cade Root, $g_{\rm eff} = L_{\rm eff} =$ the fame is to be observed in other Roots, whose indexes are not prime Numbers.

To prove the Extraction of Roots. 10 prove for Extraction of Roots.

1º. For a Synare Root: Multiply the Root found by
it felf, and to the Product add the Remainder, if they
were any: If the Sum be equal to the Number given,

were any: If the Sum be equal to the Number given, the Operation is juft.

1. For a Cube Roos: Multiply the Roos found by it fell; and the Product, again, by the fame Roos. To the laft Product, add the Remainder if there were any. If the Sum come out the Number fift given, the Work is juft.

After the like Manner may the Extraction of other many the Extraction of other comes. Roots be proved.

To EXTRACY the Rosts of Equations, or Algebraic Quantities.

The Extraflion of Roots out of simple Algebraic Quantities, is evident, even from the Nature, or Marko of Roots on the fift, such that γ as it, and that γ a a cc is a c, and that γ as a cc is 3 a c; and that γ 4 a cc is 7 a a x. And also that γ 2 a cc is 5 a c; and that γ 4 a a c at that γ 4 a cc is 5 a c; and that γ 4 a cc is 5 a cc is 5 a cc is 5 a cc. and that γ 5 a x. And also that γ 5 cc is 5 cc is 6 that $\sqrt{\frac{a^6bb}{cc}}$ is $\frac{a*b}{c}$, and that $\sqrt{\frac{9*82z}{25bb}}$ is $\frac{3*z}{5b}$, and that $\sqrt{\frac{4}{3}}$ is $\frac{a}{1}$, and that $\sqrt{\frac{18b^4}{27a^3}}$ is $\frac{3bb}{3a}$, and that $\sqrt{\frac{4}{2}aabb}$ is \sqrt{ab} . Moreover, that $b\sqrt{aacc}$, or b into \sqrt{aacc} , is b into ac, or abc. And that 3c / 911ZZ, is $3 c \times \frac{3 a_n}{5 b}$, or $\frac{9 a c z}{5 b}$. And that $\frac{a + 3 \pi}{c} \checkmark \frac{4 b b \pi^4}{8 \pi a a}$ is $\frac{a+3x}{9} \times \frac{2bxx}{9a}$ or $\frac{2abxx+6bx}{9ac}$. I fay these are all evident, because it will appear at first Sight, that the

proposed Quantities are produced, by multiplying the Reor, into themselves (us a a from a x a, a a c c from a c into 3 a, c, Sc.) But when Quantities confit of several Terms, the Banness is performed.

22+22b+bb(=+b there will remain a a halable 0 0 to find the Remainder of

to find the Remainter of the Roet by. Say therefore, How many Times is the double of the Outtient, or 0. + 2 ab + bb Gouble of the Quotient, or a a, contained in the first o o
Term of the Remainder a a b? I answer b, therefore write b in the Quotient,

and having subtracted the Product of b into a a+b. or and naving subtracted the Product of b and sa + b, or as b + b b, there will remain nothing. Which shews that the Work is sinished, the Root coming out a + b. And thus to extract the Root out of a + 6 a h

the Wors a humbed, the Koot coming out a+b. And then as exertiff the Rost out of a^*+a+b and then the secret of the Rost of the first first b=b, that for in the Quodent the Rost of the first b=b+b, which is a fixed with b=b+b and b=b+b b to find the Remaindarf of the Rost b=b+b b b=b+b b b=b b b=b20+620b+522bb-122b+4b4(22+22b-2bb

-- 6a1b+5aabb-11ab1+4b4

And thus the Root of the Quantity xx-ax+ 1aa

$$\begin{array}{c} xx - 2x + \frac{1}{4} 2z \\ yx - 2x + \frac{1}{4} 2z \\ yx - \frac{1}{4} 2x + \frac{1}{4} 2x + \frac{1}{4} 2x + \frac{1}{4} 2x \\ yx - \frac{1}{4} 2x + \frac{1}{4} 2x + \frac{1}{4} 2x + \frac{1}{4} 2x \\ yx - \frac{1}{4} 2x + \frac$$

-4yy - 8y + 4If you would extract the Cube Root of a' + 3 a a b 3 a b b + b', the Operation is performed thus: a'+3a2b+3abb+b' (a+b

o - 4 y y

Extract first the Cube Root of the first Term 2*, eva. 2, and 6t it down in the Quotient: Then subtracting its Cube 2; flay, flow many Times is its riple Quarac, or 3 a 2, contained in the next Term of the Remainder 2 a 2 b 2 and there comes out by wherefew write b in the Quotient, and fabractling the Cube of the Quotient, there will remain 0; a flowerfor 3 the 3 is sign 9 ... After the farms Manne of the mountaining the Cube of the Quotient, there will remain c_1 therefore x + b is the Root. After the lame Manner, if the Cube Root is to be estroffed out of $x^2 + b x^2 - c_1 x^2 + c_2 x^2 + c_1 x^2 + c_2 x^2 + c_2 x^2 + c_2 x^2 + c_3 x^2$

preent Occasion. See Courier.

urgent Oceanon. See COUNTER.

An Embalgabor, or Evory Petroordinary, is fach a one as is fint to creat, or negotiate fome fpecial and important Affair, as a Marriage, a Treaty, Confederacy, Se. or even on Oceanon of fome Ceremony, as Condolance, Congrandation, Se. See Embassanon and Cheminaka.

tion, gr., occ EMBASADOR and URDINARY.

A Genetic, Formusi, or other Newspaper Extraordinary, is that published after forme great and notable Event, notation, the Decail, or Particulars thereo, which were not found in the ordinary Papers.—Our News Writzer Great Paper Policipus, miles of Extraordinarties.

EXIRAVAGANTES, a Part of the Canon Law, cannical disease Conference of the Bourse contained for the Continuous contained for the Bourse contained for the Continuous contained for the Bourse containing divers Conftitutions of the Popes, not contained in the Body of the Canon Law; whence the Denomination of Extravagantes; Quali extra corpus juris vagantes.

See CANON LOW. They are divided into two Parts: The first contains XX
Constitutions of Fohn XXII; and the second, other later
Constitutions of the faid Fohn and his Successors. See

CONSTITUTION.

EXTRAVASATION, in Medicine, the Act, or Mo-tion, whereby the Blood extravalfates it felt, i. e. breaks one of its ordinary veffcil, the Veins and Arteric, and gathers and Hagnates in forme Part of the Body: The Blood that flows out of the Body, or that is drawn are Blood that flows out of the Body, or that is drawn from it in opening a Vein, is not properly field to be Extraosfated. See Blood. Extraosfated Blood always corrapts and turns into an Impositiume. See lancontrument, Turson, &C... The ordinary Causts of Extraosfations, are unmanual Replectors, and Differences of the Veifels; or Lacerations, and Enrison thereof.

There is a Necessity for bleeding, to prevent the Blood's growing to such a Head as to Extraossate. See Pale-

In Wounds of the Head, particularly, bleeding is coeffary, to prevent the Extravalation of the Blood in

the Brain.
The Term is likewife used with Regard to other Humours beside the Blood, as the Lympha, Urine, &c. See DROPSY.

The Gardeners likewife use it, in speaking of Gums, Juices,
The Gardeners likewife use it, in speaking of Gums, Juices,
So coxing out of their Trees either spontaneously, or at incitions. So Guss, Balm, Sc.
The Word is formed of the Latin, extra, without, and

901, vetcl. EXTREME, or EXTREME, is applied to the laft Part of any Thing; or that which finishes, and terminates it, and beyond which you cannot go. There is no patting out of on Extreme, into the other, without going thro' the middle. — Extreme Remodes multiple in the late of December in Extreme Termination. only be had Recourfe to in Extreme Difeases

Some Anatomitis apply the Denomination Extreaux, or Extremities, to the Arms and Legs.

Extremities, to the Arms and Legs.

The Arms, or upper Extrement, Juperiour Extremities, confift of 60 Bones; thirty one in each, via. the Omephate, Humerus, Cubirus, Radius, eight in the Carpus, four in the Metacarpus, and fifteen in the Fingers. See

four in the Metacarpia, and battern in the ringers. See each in its Place, Oscour.ex.r. & C.

The Lower Entremities, or Leng., consist of faxey, thirty in each, with the Primer, Rentale, Vilea, Filbade, faven in the Toffer, fave in the Metasarpia, and fourteen in the Fingers. Soc. Leng. Fissen, UC.

Extrasses, in Lopic, are the two Entreta Terms of the Conclusion of a Syllogisin, viz. the Predicate and Sub-

Sec Conclusion.

ject. See Consciousion.

The Predicate, as being likewife had in the field Proposition, is called the major extremum, greater Extremes, and then Subject, as being put in the Second, morror Proposition, is called the major Extrement, leffer and Second Extrements, leffer and Second Extrements, leffer and Second Extrements.

They are both call'd Extremes, from their Relation to another Term, which is a Medium, or Mean between them. See MEDIUM.

them. See Menion.

Thus, in the Syllogifm, Man is an Animal, Peter is a Man; therefore Peter is an Animal: The Word Animal is the greater Entreme; Peter the less Extreme; and Man the Medium. See Sylvogism.

EXTREME and mean Proportion, in Geometry, is when a Line is fo divided, that the whole Line is to the greater

Segment, as that Segment is to the other.

Or, as Enclid expredicth it, when the Line is so divided, that the Rectangle under the whole Line and the leffer Segment, shall be equal to the Square of the greater

Segment The Invention of this Division is thus: Let the given

The Invention or time Division is thus: Let the given Line be $\Delta B = a$, (Tab. Generatry, Fo. 6.a) and for the greater Segment put x, the leffer will be a = x. Then by the Hypothetis, a : x : a = x + x. Therefore a = x = x = x + x. And by adding $\frac{1}{2}$ as an each Side, so make $x x + ax + \frac{1}{4}$ as a conpleat Square, the Equation will fland thus 4 2 2 = 0 2 -x2+ 122

Now, fince the latter is exactly a Square, its Root #+ = $\sqrt{\frac{5}{6}}$ aa, and by Transposition it will be $\sqrt{\frac{1}{4}}$ aa — $\frac{1}{2}$ = x; which last Equation is a Canon to find x.

For at the Foot of A B = a, fet at right Angles CB = \frac{1}{4} a: Then draw CA, the Square of which is equal,
ABq+CBq=\frac{1}{4} aa. And therefore AC=\sqrt{\frac{1}{4}} \frac{1}{4} ai;
make CD=CA.

From whence $CB = \frac{1}{2}$ a being taken, as the Cafe resires, there remains $BD = x_3$ which transferr'd into B, shall give the Point E, where AB is cut according Extreme and mean Proportion

This cannot be exactly done in Numbers; but if you would have it tolerably near, add together the Square of any Number, and the Square of its half, and extract as

any Number, and the Square of its hall, and extract as mere as you can, the Square Root of the Suny, from whence taking half, the Remander is the greater Pert. EXTREME-UNCTION, one of the Secrements of the Remajo Church, the fifth in Order, administer of the Remajo Church, the fifth in Order, administer of the Remajo Church, the fifth in Order, administer of the Remajo Church, the fifth in Order, administer of the Remajo Church, the fifth in Order, administer of the Remajor Church of the Remajor Churc

and Sacrangers.

This distribution on only in U(i in the Lettis, but afficient to the Captis, the Captis of the Ca ancinting him with Oil.

sometimes grow weild Oil.

Fo. Dismini diffinguithes two Kinds of Unition among
the Marquires: The one call'd, Unition with the Oil of
the Lamp's but this, he fuggeds, is not the fiaramental
Unition, ordinarily administer'd to fuch as are in exturne Sicknets, for that the Oil is only Conferented by a fimple Pricit, and that it is given to all who are prefent, not to the fick only, but also to the healthy, and even to the Pricit himself who officiates. The other Kind of Unifferen, according to that Father, is only for the Sick; it is perform'd with Oil Confecrated by the Bifhop alone, on Holy Thursday. And this, it feems, is their acramental Unclion.

But that Unction with Lamp Oil, is in Use not only among the Maronites, but throughout all the Eastern Church, who use it very religiously. The Truth is, they don't tem to have any other Sacrament of Extreme Unition befide this.

Fa. Goer observes, that the it he only a Ceremony, with resurd to those in Health, it is a real Sacrament to those that are fick.

In their great Charches they have a Lamp, wherein this Oil for the Sick is preferved: This Lamp they call, Kayfáza THE MYSAGE, that is, the Lamp of Oil join'd with Prayer; For what the Latins call Entreme Unition, the Greeks call, suginary, or ager examp, that is, Oil with Prayer, or Holy

Oil.

Tis call'd Extreme Uncline, as being only given to Perfons in Extremity.— In the XIIIth Century, it was call'd the Uncline of the Sick, and our Extreme Uncline. For in the earlier Ages, it was given better the Vinctum. Which Pracitive, are unclined to Fa. Mebline, was set changed the Militab Century. See Viaturous.

The Reatons he affigue for the Change developed of which

The Resions he stilings for the Change are, that in that Age these troid driven stillation Deploints, feerall of which we find mentional and condormal in the English Companies. Among the ord, two shocky recovered, might make the stillation of the Riess of Marriage, nor cut Must, nor go bar-footed Whence, they check to feeber using it the half. Engrantity which Practice prevailed. See the Concili of Mornique and Energy, in the Kor 12-15); if or

of Wimbester in 1308; and Fa. Mabillon, Acts Santt. Benedict. Set Ill. p. 1. The Form of Extreme Unction is lord and indicative. EXTRINSIC, is applied in the Schoole in varie

Soufich.

Sountilmes it figuidies a Thling's not being of the Effect
of another; in which Soufe the efficient Caufe, and the
End or Stope of a Thing, are faid to be Entringle, or
Entringly Caufe.

Dec. Caufe and Caufe and Caufe and Caufe and the
Within the Capacity of another; in which Soufe the
Caufe are faid to be Entringle, which increduce former
thing into a Saujed from without; as when Fire introduct
hing into a Saujed from without; as when Fire introduct
thing into a Saujed from without; as when Fire introduct

Heat, Se.

Sometimes it denotes a Thing added, or applied to another. — Thus, Accidents and Adherences are faid to be Extriple to the Subject and thus Vision is Extriple to the Wall for See Accinent EXUBERANCE, in Rhetoric, U. a Redundancy, See

REDUNDANT REDUNDANY.

The Word is compounded of the Latin & and mber;
plentiful, of mber, Udder.

EXULCER ATION, in Medicine, the Act of occasioning, or producing Utern. See ULCLE.

Thus, Article. Exulicrates the Intestines: Corrolive

Humongs Explorate the Skin.

The Term is fornetimes also used for an Ulcer it felt; but more generally for those beginning Erosions, which wear away the Subilance, and form Ulcers. — Evaluerations in the Intestines, are Marks of Posion. See Possos.

in the Intellites, are Marks of Polifon. See Pouson. EXUSTION, a barning with Fire, as it is utde in fame Operations by Surgeons. See Bus avisor.

EMCVIJE, in Nut. Hilitery, the other Ro-Bowle on Extending the Control of the Contro

the Mind. See Visitati.
The Eyr, or Organ of Sight, Is generally divided into Journal and External Paris or into the Eyr properly for Country of the Eyr properly for Country of the Eyr properly for Country or Country Organization of Country of Country or Country o

Article, Palerra, Supragrillum, Cilla Office, re ANTHRE

CANTIUN.

The Eye, properly so call'd, is of a globular Form, and consists of Tambet, Himmons, and Veifels. See Tunic, Himmons, G.,

In some Parts it is lined with Fer; and it is moved with Mofeler; which two latter are by some danatomists, chool domewhat maccuracity, ecclord demongs the consistence Fares.

formershic innecessively, reclaim? a mong the continuars Fram. of The 2 field, seen, or Mulmireas of the Eye are in the 10 field of the Eye are in the 10 field of the Eye, occupie the respect to the 10 field of the Eye, occupie the respect to the 10 field of the Eye, and the 10 field of the Eye, being quide which over the whole Gibbs of the Eye, being quide which over the whole Gibbs of the Eye, being quide and its transparant BE Herra, which has occusived financially to account whis a diffined Membersa, the 1d star Controller (James Lames Lames) and the controller of the Eye and the Controller (James Lames in Asimilary, side to Genominate it the Carriel. The fails of the control of the is the Choroides, figuate immediately under the Scientica.

Brain, along with the Optic Nerre; the third may be faid to be derived from the Brain, or Médulla it felf, es being an Expansion of the medullary sublance of the Optic Nerre. See each Tunic described under its proper Article, Conjunctiva, Scheno SCLEROTICA, CORNEA, CHO-

Persist.

The Humours of the Eye, incided between their Track are those rots. Pt. Re Agreem, a limited trace-modelly form of the Eye incident, a limited transmitted from the Eye of the Eye incident to the Eye of the Eye incident to the Eye of the Eye of

VITAION.

Some fluthers finding theft Humours cover'd with proper Membranes, have garen diffind! Names to them; as the
Appearons, Organities, and Firstons Tamies; but thefe beage only Productions of the other Cays abovemention'd, g only productions of the other Coats abovemention of e Diffinction is not much regarded. The Veffels of the Eye are Nerves, Glands, Arteries,

and Vein

and venns.

* The Nerves are the Optic Pair, which issuing thro's
a Perforation in the Skull, behind the Orbit, enter the
Ball of the Eye, and diffuse and loss themselves therein;

Ball of the Epe, and diffire and left benufits, street, we have been as a strendy oblivary, oping to from the Solvenias, the lines to the Chronider; and the Medulla on the Retirus. So Corren Norwe, but the first Benuch of the fifth the Medulla of the fifth the Medulla of the fifth the Medulla of the fifth the Medila of the Solvenia he diskneyed, by the control Metrics of the Typicil, proposed to Groves, to motion it, and follows in Metrics filling down the Cornes, are inspired by the three t

LACETMARTA, TANA, ST.

7. The Figure recive Artiries, both from the internal and extranal Centrals, and returns the Blood by You that go to the Jupillan. See Canvort and Journal, this was the Blood by Tour that go to the Jupillan. See Canvort and Journal, this was the Jupillan of the Contral of The Contra which draws the Eye upwards: Depriment, or bassilist, which cash is down: Address; and Pearton, which draws it the Govern the Eye towards the Note: And dibatests, or Beatingtoners, which draws it the other Way towards the letter Angle. The two oblique Mutles are, the first properties will all Restators, and Tracelestrix; and the reprince and all all Restators, and Tracelestrix; and the reprince See each Mutlet in in proper Place, Arvionand, Derratuss, Admircha, Admircha, Danteyuns, TROCHLEARIS, &C.

TRECEIVARIA, Sc.

The whole Structure and Apparatus of the Eye tends on The whole Structure and Apparatus of the Eye tends of the Eye, which proceeding from any Policy of an Object, and carrieng the Eye, posterate the cyridilities of the Eye, and carrieng the Eye, posterate the cyridilities of the Eye, and the Eye, as are conficience in an Object, a three than the Eye, as are conficience in an Object, a three than the Eye, as are conficience in an Object, and Eye, as are conficience in the Object, and Eye, as are conficience in the Object, and Exercises. See Tax word RARIA was

for a final Image like therein, may be reperficient on the Retinat. See RAY and RAYALAY.

In order to this, the Rays from any radiant or re-forming from failing on the Comes, are referred towards the property of the company of the company of the characteristic of the Popula to the Surface of the Cry-rifialities: While clear Rays, which cause' for collegary as to be throom upon the Iris, are reflected our agoing that they wany one dismire the Distinction of the Sight; and they wan you estimate the Distinction of the Sight; and Unest and virtues Hamour, are caringuited in the Distin-ent thereof. So that none can be propagated that of the nels thereof: So that none can be prepagated thro the vitrious, but fuch as passing thro the Pupil, strike on the Crystalline. See CRYSTALLINE and REFRACTION.

In the mean Time the Iris, contracting by its circular, or disting by its right Fibres, the Pupills of the Eye; admits fewer or more Rays, as the Object is nearer or more vivid is or moster and more largued. See Post into the Now, the finite the Figure of the case is collect the Rays made and more largued. See Post into the Access it collect the Rays more form in the Post of the Rays from a post of the Rays from a post of the Rays from a post of the Rays from any post does not contain, the conder it is, the more of the Rays from any post does not collect and throw on the Caystillines, and though the Rays from any Dealth in the Rays from any post of collect in the Rays from any post of collect in the Rays both of Old Man.

and Myopes.

Again, the Rays transmitted theo' the Pupil to the Cry-Again, the Rays transmitted they the Popil to the Cry-Rilling, are there emitted access; femire collection, and rendered converging, 5 to a that thesis which came from the converging, 5 to a that thesis which came from the converging of the converging to the converging of the popular or calculate that precise Points of the Object whence they fowed. A conversion, 1 the Crystillande way point or calculate that precise Points of the Object whence they fowed. A conversion, 1 the Crystillande way that yet a united, will be too good; and if no first, or which is Confision. And hence another Cando of the peckets of Adoptics and Proplets. See Mexeus and

PRESBYTE. "Tis not, however, Alyopes and old Men alone, that would labour under these Detects, and have their Vision, in most cases conflicted, as in Objects very near, or very remote, very small, or very great: But those would be the common Condition of Vision.

common Combition of Vision.

Dillinkal Vision, depending sholessity on the Usion of all the Kaya counting from the Employee or the Object, as all the Caya counting from the Employee of the Object as eldiference Dillances, being annual as different Dillances, being the Crystalline; it were impossible, a que for the fine Epo to de disbladly surpress Object Dillances, being the Cay for the Employee Cay for the Employee Cay for the Cay for the Employee Cay for the Cay for the Employee Cay for the Cay for t either by compreting the Built of the Eye by the tour Mulicles all frongly contracted at once, which changes the Figure of the aqueous Humour, and renders the Eye oblong 5 or by the Ligameursum Chiere, sugmenting and diminishing the Convexity of the Cryftalline, and fetting it nearer or further from the Revisual Sec SELENCE, SIGHT, SC.

As complex as the Mechanifm of the Eye may feem, and as manifold as the Parts are which have a Relation herero: The Justness of Vision feems to require an exact hereon. The justiced of Vidon ferms to require an exact Heisende in time all. — Thus, the the Pupil he so fish installabers of the By_0 , but only an Aperture of the found in the By_0 is the size of the installabers of the top of the By_0 is the By_0 in the Bof Sight.

of Sight.

It may feem also but a flight Circumflance, that the
transjurant Coats of the Zip floods be devoid of Codoury,
the control of the Circumflance of the Circumflance of the
very floods, provided it runnia transfurants ! Xet when
either of thefe Circumflances is wasting, the Sight is
greatly visitand. — Thus we fee, that in the yellow
die, the adventitions Colour, wherevolv the Zip is
die, the adventitions Colour, wherevolv the Zip is
died, which he Patiente thatie he fors many Objects
died, we will will be patient that he fors many Objects
died, we will will be patient that in

yellow, which are of a contrary Colou

yellow, which are of a century Coloun. It has of his pose no a Opinion, that the both Eyes be open, and turned towards an Opicil, yet only one of them caused as the colour of the colou has met with a Person, who had a Catentell in his Eye for two or three Years, without finding any Impoliment in his Sight, the others had, during that Time, that Notice of a white Film that had croffed his Eye p rill, at length, happening to rub his found Eye, he was fur-prised to find himlelf in the dark: And that a very in-genious Person, who by an Accident had one of his Eyer (livek) out, rold him, that the forme Mombh after, he

apt to mifiske the Situation and Diffances of Things; Was ap to frequent Occasion to pour Liquors out of one Vial into another, after this Missortune he often failt them, and let them run quite besides the Necks of the

them, and let them one quite beliefe the Necks of "list".

Whis, be dought be was promit them direlly into.

Whis, be dought be was promit them direlly into.

Include the promit the second of the promit them and the second of the promit them and the few forms of the promit them and the promit them are second or the promit them are the promit them are the promit them are the promit them are the promit the promit them are the promit them are the promit the pro two Years.

two Years.

The comparative Structure, and Anatomy of the Eye, is very curious: The Structure, Number, Conformation, Ge, of this Organ, in different Animals, heing finely and wonderfully adapted to their different Circumfiances, Occafions and Manners of Living.

In Man, and fome other Constures, an ingenious Aurhor ob-

ferves, the Eye is placed chiefly to look forwards; but withat fo order'd, as to take in mariy the Hemiliphere before it. —In Birds, and fome other Creatures, the Eyes are fo feared, — In Birsts, and some other Creatures, the Lyes are fo leared, as to take in near a whole Sphere, that they may the better feek their Food and efeate Danger. — In others they are steard, foo as foe behind them, or on each Side, whereby to fee the Eurmy partiting them: Thus, in Hares and Contest, the Lyes are very protuberant, and placed so much towards the Side of the Head, that their two Lyes takes in nearly a whole Sphere: Whereas in Dogs, that purfue em, the Lyos are fer more forward in the Head, to look that Way more than backward.

Generally, the Head is contrived to turn this and that Way, chiefly, for the Occasions of the Eyes; and generally the Eyes themfeives are moveable upwards, downwards, backwards, fidewife, for the more commodious Reception of the vifual Rays. Where Nature deviates from these Methods, the always makes use of very artful Expedients to

answer the same End.

antwer too lattice End.

Thus, in finne Cructures, the Eyer are fet out at a Diffiance from the Head, to be moved here and there, the one this Way, and the other that; as in Suntail particularly, where Eyer are contained in their four Horns, like attamements Spons fitted to the End of their Horns, or rather to the Ends of those black Klaments, or Option Norces, fluested in the Horn Towers, Exper. Phil.

And in other Creatures, whose Eyes or Head is with-out Motion, as in divers Infects; that Defect is sometimes our Mexica, as in divers infelts, that Defect is foundation made up by their having more Egy-than two g as in Stieders, which having no Neck, and consequently the Hand being immovable, the Defect is fupplied by the Sinanton and Mathiphicity of their Egy-ty Johnson having from the Hand, which is round, like a Looker of Diamonda. The Reafon Dr. Tweer gives, is, that being to live by cataling for nimbe, and fly a Frey as First, they ought to fee the every Way, and for take her per failure, which our power of the Reafon Dr.

her for Datum, without any Motion of the Head to dif-different Macias belanging to their Lyur, by Hely whereof they can ten them any Winy, and to obver the Organ they can ten them any Winy, and to obver the Organ that Modility to the Lyur of Files, the in Recompress families them with a Maditude of Brite prondersors families them with a Maditude of Brite prondersors Fig. 200 and the Lyur of Hely and the Lyur for the Compression of the Compression of the Con-State, manifested Ray of Light are critical from Ob-pith planed on other Hand, above, or beauth the Lovel reader the Olight they one from, while to the Animals, and by the Help of a good Microforcy, and a clast may be differed to creately reader on the Conventy of a single Lye of an ordinary Eleft Fy. and hand of the Constant and the Conventy of a department of the Constant and the Conventy of a fined Lye of a good Microforcy, and a clast may be differed cyclically reaged on the Conventy of a fined Lye of an ordinary Eleft Fy. an handred Lyer, and a decrementate has observed to this time to themistic In defect Consum, the Lar Defections of the Conventy of a confitting of a proliferon Number of other little Signator of Reference of the Confirmation of the Conventy of a Reference of the Confirmation of the Conventy of a Reference of the Confirmation of the Conventy of a Reference of the Confirmation of the Conventy of a Reference of the Confirmation of the Conventy of a Reference of the Conventy of the Confirmation of the Conventy of a Reference of the Confirmation of the Conventy of a Reference of the Confirmation of the Conventy of a Reference of the Conventy of the Confirmation of the Conventy of a Reference of the Conventy of the Conventy

of a Sphere.

The Eyes of a Cameleon, Dr. Goddard observes, refer-ble a Lens, or Convex Glass, set in a vertatile globular Specket.

EYE.

Societ, which the term between of forward without regard the Eyes. — He funding formal landson of Northenitring the Hand's and ordinarily the one a contrary largist, or People, whath Eyes in the Day-time seen quite
Way to the collect.

Way to the collect.

All the Contrary of t Siming the Hadig and ordinarily the one a construct Way to the other.

Lathy, Molet, which the Auctions, Arifesia, Phys., Albert, S., C. Ingredien, A. Latines, A.

what after the Minner of Smilk.

In the Eyet of Nothural Animals is a Part not yet mentioned, vize. a Sort of Teperum at the Bostom of the Eye, which gives a Kind of Radiation on the Purpl, enabling them to fee and carch their Prey in the Dark. Thus Dr. Willis: Hojins quite, eigh Ceali jappillean quaff juhare infite illuminare — quare in File planname tiliptis eigh, et Homania, Archival & Pijelban & Leg. De

Animi Brutor. He adds, that in fome Perfors the *Bris* has a Faculty also of darting out Light: And instances in a Man of a hot Head, who after a plentiful drinking of ga-nerous Wine, could fee to read in the darkest Nigst.

Willis, ibid.

Willie, itself.

The like Plings will us of Yib, Geffor, that upon his faft waking in the Nigst, he could fee every Thing for a larie while, as if in bread Day light. New Jib. II. II. G. Yan And Dr. 297ggr give a parallel induce of a Gordinese Plangs of the Plangs of transparent and irrong; to that it may pass for a Kind of moveable Cornea, or occasional Safesuard to the Eve.

ransparent and irrung, 50 that it may pain for a Kind of morehold Gerate, on exception Linguist on the Lys. Permitted to the Control of the C has also given them such another Kind of horny Membrane

has allo given them tuch another Kind of normy Membrine as we for in Frogs. See Niteritarius Membrines.

Naturalitis relate Wonders of the Sharpnefs and Accuracy of the Eyes of found Animals, as the Engle, Ch. beyond tho'r of Men. See Early, G.,

Yet do tho'd of Men. See Early, G.,

Yet do tho'd of Men seem improveable to a furprising

there of Mon. See Exacts, "Geographic to a forgraine, "Exchanged by Montines in a "Major of a Regiment of King Cheries I, who being afterwards fored Already, ventured as Metrick, so do his King a Parce of Secrice of King Cheries I, who being afterwards fored Already and the Cherical as Metrick, so do his King a Parce of Secrice of their pingle venture in the three pingle venture in the three pingle venture in the three pingle venture in the pingle venture in the transport of the pingle venture in the Wall are seen on the Cherical Cherical and the Wall are seen on the Cherical Cherical and the Wall are seen on the Cherical Cherical and the Wall are seen on the Cherical Cherical Area (Section 1998), which, from Time to Time, incredied, for that the could not only different the Parce of his Edwards of the Wall and Wall and Cherical Cherical

Peny and thereras Cande-Light.

But, which is yet more fitzage, one of these Patients who could only fee by Night, could diffinguish forme Colours, etc. black and white, but not others, especially and and green. The Mendows to this Person did not appear green, green, classes and when life had a trie. Back and burne, green, The Mendows to this Person did not appear green, but of an edd, darkish Colour; and when she had a bat of an edd, darkish Colour; and when she had a bat of the Place Where they grew, she could not diffinguish them by the where they grew, she could not diffinguish them by the where they grew, she had been been but only by their Shape Colour from the Grafs about them, but only by their Shape Touch

or Touch.

Araspicial Evz., is an Optical Machine, wherein Objects
are represented after the fame manner as in the natural
Eye a of confiderable Ufe in illustrating the manner of foon.

The commence Use is numerous to a commence to the Confinction is thus Provide two Bollow Henrifsheese of hard, 4ct Wood, well commend respect, to require fairness, 4ct Wood, well commend respect, to require fairness, as preferred with a sound life in C. (United Apriletts, Fig. 9c) to display the Place of a Topping and fairness, a Concavorered Gulfa, to free for the Correct and to the India, have a theat dews-Tuble C, with a Limit fairness, a Concavorered Gulfa, to free for the Correct and the Confinction of the Confincti

inner Surface fmooth, the not polithid, repectenting the Retinus and Optic Nerve. If now the Aperture C, be turn'd towards any Object's and the Draw-Tube FE be gradually pull'd out; you will have the Object beautifully and ftroughy repretented in all its Colours on the Retinus, only in an inverted Order.

See Varsos.

I being of no Confequence what the Figure of the Inner. Cavity is, any Room, or Chember, fo darkerd as only to receive Light from a fingle Hole, with 2 Glist Course to receive Light from a fingle Hole, with 2 Glist Course Figure 1 and Children and Kang Children and Wall, or a while Child, thread of a report Diffusor from the Apercures: With this Circumfistors, that the 15 Glisten the Children is degenered, the present will the Figures Spiker the Children in Segment of the present will the Figures. atmear. And this is the crichrated Camera Oblears. Eye, in Architecture is used for any round Window made in a Posiment, an Attic, the Reins of a Vauit, or

like See Winnow.

the life. See Winnow.

Bellecher, of Owil de Bourfis a little Sty-Light in the Cooring, or Roof, insteaded to illumine a Country, or the life. The inner Ferm is applied to the little Labert and Dome, as to that a St. Perror at Roose, which has \$5\$ in Dome, as to that a Country of Perror at Roose, which has \$5\$ in Dome, as the Country of the Country

Dome; as that of

Pauls at Landon. It is, utually cover a wire a Laumonus. Soc Doosts.

Eve of the Volute, in Architecture, is the Centre of the Volute, or that Point wherein the Helix, or Spirel, whereof it is form'd, commences: Or it is the little Circle in the middle of the Volutes, wherein are found the thirteest Centres for the deferribing the Circumvolution schreed; See

Evs., in Agriculture and Gardening, is a little Bud, or

on APPING.

The Term is also used for a Gem, or Bud, as it stands on the parent Tree. A Tree with size, strong, healthy Eyes. Ls. Squain, P. 1. C. 3, Mt. 6. The good Branches are those which have come in the Order of Nature, and that have large Eyes pretty near each other. Ls. This that have large Eyes pretty near each other. Id. Beanch must be cut off at the third Eye. Liger.

Beach maît be cir off at the third Zyr. Liper. So Bear, Gau, Sc., Yhyfician, in Feguenty then for a Hole, or Aperum.— Whence it is that the first of the big localities is called Zeems, or the blain Gar, at having no Zyr, or Perfection.— For the fame Renfon the Chymids Exp., to Perince of the Company of the Company Exp., in Perince, is Gooteness wild for the Thicknets of the Types, or Characters, utdo in Princips C. The entity, it is the Govening in Education, on the Ren, or Top fieldly, it is the Govening in Education,

of the Letter. See Tyre.

Tis the Eye alone that makes the Impression; the rest, which they call the Body, serving only to sustain it. A big

EYE [380]

Eye, finall Eye, &c. - The Eye of the e, is the little Apperture at the Head of that Character, which diffin-gailbes it from the c. EYE, Is also used among Jewellers, for the Lustre and Brilliant of Pearls and precious Stones; more usually call'd

EYE-brows, See {PALPESE ... SUPERCILIUM

Ext.-brows, See Supractitive.

Ext.-brow is fometime used in Architecture, in the fame
Sense with List, or Filet. See List and Filter.

Entil-Ext., in Advanciny, is a Star of the first Magnitude, in the Conficiation Taxtus; by the Arabs call'd

tude, in th

Allaborani. In Longitude, Latitude, Sc. See among these of the other Stars in the Contellution Taunus.

Cats-Evr., Oculus Cati, in Nat. History, a precious Stone; call d also Sun's Eye, or Oculus Suits. See Par-

"Tis transparent, very shining, and of divers Colours, usually oblong as to Figure, and not unlike the Opal, only much harder.

much harder.

Tis found in divers Parts of the Eaff Indias, but those
of the Island of Ceylon are the most priend.

Harder-Eve, Occulus Leprimus, in Medicine, a Disease
ariting from a Contraction of the upper Eye-Lis, which
prevents its being able to cover it Part of the Eye. Whence
the Pattern is obliged to steep with the Eye half open after
the Manner of Hares.

The Physicians call it Lagophthalmia, a Greek Word fignifying the fame Thing , being compounded of any als

figuitying the tame a ring; comp.

Here, and leδιαμέν, Eye.

Goart-Evx, Occulus Caprinus, is when there is a white Speek on the Cornes 3 as is form in the Eye of Goars. Physicians call it Aigis.

Crain-Eves, Oculus Cancrorum. See Cnam-Pyer. EXRE, or Ever, in Law, fignifies the Court of Justices incrent. See Itinenant.

EARCH OF BARK, IN BARKY AND THE STATE OF CHARLES IN BETTER ANT.

Hence Justices in Egye, are those whom Eradion calls, Judiciaries Limerautes. See Juvilex in Egye.

The Evan of the Fores, is otherwise call of the Court of the Pores, is otherwise call of the Court of the Fores, is otherwise call of the Court of the Fores, is otherwise call of the Court of

which by the ancient customs was to be host every time. Years, by the politice of the Forent journeying up and down for that Parpolic Soc Jesuries Kest.

The Word is form'd of the French, Erre, Bert, Journey.

ETRIES, or ATRIES, among Editories, the Nell where Hawks fit, and antich, and feed their Young. So: NESS.

HERICA young HAW ENGLY LIKEN FROM the Nell of Social So

EZECHIEL's Reed, or Red, a Scripture Measure, computed by late Writers to amount to I Emplify Foot, IX Inches, i of an Inch. See Measure.

haden, § of an Inch. See Mix-trax.

EXRA, or ESDIARS, in Divinity—The Books of Exer, or are two Books of Hody Scripture, compoint the Copating, are two Books of Hody Scripture, compoint the Copating of American Inches of the Copating of Parish Inches of Inches of Parish Inches of Inches

appears, however, that the Synagogue added other Books to Eldras's Canon; witness the Book of Lors it feif, and that of Nebemiab.



THE fixth Letter of the Alphabet, and the

THE first Letter of the Alphabot, and the fourth Confoans. So He extr.

The letter F may be either confider of abfolutely as where it is found. In the first way, it is placed by more common of the first way. It is placed by more Grammarians among the Marce, like the among the Greek Grammarians: But other give it the Quality of So-

Some U-remainment among the shares, we cause, we come of committees and other give it the Quality of Sc-Orrect Genmanisments. But others give it in the Quality of Sc-Orrect Genman, in his Differentian & Legenia, divides the Consionants into single and double, and the single into the Consionants into single and capsiove. Among those called Hiffiger, there we have been been always to the Department of the apper Tends to the Department of the proper tends to the Department of the proper tends to the Department of the proper tends in the proper tends to the Department of the Consideration of the Department of the Consideration of the Department of the Depa

towed it from the Æilems; for the F does not at all differ from the Æilem Digatums, or double Gamma, thus call'd as refembling two I's, one over the other: and the Digama ma forms no other than the Gravet 0, which being made at three Strokes, degenerated at length into the Figure F; for the Letter 0 being companded of an 0, Omiorus, with a Ferprodicular drawn through it: If that Ferprodicular to made first, and the 0 at two Strokes afterwards, vis. first

made first, and the O at two Stroken afterwards, wis, after the upper, then the under part; it will happen, depectably the upper, then the under part; it will happen, depocially after the understand the understand the understand the intend of two Arches of Clerke, Hardwight Lines. Thus it is that the transferred Stroke of the Letter V; The will be used to the understand the understand the understand And what confirms this Transferrance of the o lane V full further, is, that on the Modals of Philips, and the Kings of Ogyris, in the World Hillowertz and O And E Ad O V, the tarther, is, that on the Media's of Philaly, and the King of Philaly, and the King of Philaly, and the King of Philaly in the Term will carrieve in the Term will carrieve in the Term will carrieve in the Medials of the Perpositionian, is a final of Rapheline, formed only of the Philaly in the Commercia of the Medials of the Letter I's which, of confequence is no other has a Carriegion of the Greek's And species to be the Carrieve in the Letter I's which, of confequence is no other has a Carrieve of the Greek's A point in with the Greek's A point in which the Greek's A point was also ago good better 4 by Green time.

The Romant, for fome time, said on inverted I', S., in Romant, for fome time, said on inverted I', S. in Romant, for fome time, said on inverted I', S. in Romant, I'm Romant

gamma, or g; which they call the Invention of a Letter, gamma, or g which they call the Invention of a Leens, a being equivates to the Invention of the Letter V. In a sheing equivate to the Invention of the Letter V. In Statemen in his Life of Classifin, c. 41. after us, that the Emperor invented three Letters, one of which Life in Classifin, c. 41. after us, that the Classifin is the Classifin Classifin in the Classific Clastic Classific Classific Classific Classific Classific Classific peror was necessity to make it rake. Now did it is folial long, are used by the time referency and dignestrine observes, it did not inhelit in his time. So far is the Cathern of a Words. It may be added, that the Promussions of the F is almost the fine with that of the V, as will be critical Words. Francy hardly, fielderly Fice, Pennetz, Figure, Fice Words, Farvar, Farty, Ficely, Fice, Pennetz, Figure, Figure,

P, in Mufick, is one of the figned Clefs or Keys, plac'd at the Beginning of one of the Lines of a piece of Mufick. See CLEE

Fis the Bass-clef, and is plac'd on the fourth Line up-Spe Base

and the mass-cited, and a pixel due to more merit have ap-lated, the Chareller or Sign by which the f and c Clein Indeed, the Chareller or Sign by which the f and c Clein are marked, bear as Refemble to the Letters thereof, thinks it were as well if we add the Letters thereof, the second of the second of the control of the collection of control of the collection of the collecti

for r, waterey no many Fighter.

F, in Physical Preferiptions, flands for Fiat, let it be done; as F. S. A. denotes as much as flat fecundam artem.

F, among fach as give as the numeral Value of the Letters. fignifies 40, according to the Verfe,

Sexta quaterdenos gerit que distat ab alpha

And when a Dash was added a-top, F it signified 40 thou-

fand.

TA is one of the Notes of Music, being the fourth in rifing in this order of the Gamma, U., rc, mi, fa. Sec Novra.

Carthology, Farry, in Antiquiry, a part of the Laperch

Company, and the Carthology of the Carthology

Thole Priefits were divided into two Parts; one of
which was called the Falsians, and the found the Official

which was called the Falsians, and the found the Second in the Carthology

The Carthology of the Cartholog

FABLE, a Tale, or feign'd Narration, design'd either to mitract or divert: Or, Fable, as Mons. de la Motte defines t, is an Instruction disguis'd under the Allegory of an

Adition.

Falls forms to be the most antent way of teaching:

Falls forms to be the most antent way of teaching:

Falls forms, and that there between the Missigners of the

Astinian, and that the property of the fall of th

Affer, het is, Nordi, a i intensting that there was the time and the chewer method following Discharge of the learned, and the chewer method for the chewer has been also been all the Verber of Health and the chewer of Men, and the Verber of Realth. As felt, John were only employ in floridage of the Discharge of the Men and the Verber of Health and the Health and the Health and the learned was the Health and the Health and the Health and the learned was the Health and the Health and the Health and the efficiency of the Health and the problem, became they thought fach. Things too great and so that the Health and the without peaking, Health of its Effects, natural Thillide-without peaking, Health of its Effects, natural Thillide-without peaking, Health of its Effects, natural Thillide-without peaking, Health of the Health and the Health and the search of the Health and the Health and the Health and the search the Health and the Health an

finn; whence the Origins of heert, and particularly of Epin Pecery. Soc Epre. Cylen.

1. Collection, sites of photonics and These, rectom three
1. The Collection, sites of photonics and These, rectom three
1. Collections are collected from the collection of the co

ASS'AM FABLES, call'd allo Apologues, are thole wherein Beschi are introduced as AGONS, Speakers, §6. Theis Moral Fables are also call'd Epipic Fables: no that Epip was their inventor, for they were in nie long before him, enc. in the times of Hismer and Highes; but because he excell determin. In this kind not only Bealls, but even fomertimes * A Trees,

Trees, Hammers, &c. are suppos'd to speak. See Aro-

Rational differs from the Moral Fable in this; that the former, though it be found, might be true; but the former, though it be found, might be true; but the Stocks to fight.

Micel Market, are those compled of both fors, ettlemated and moral; or where Michael about are instanced and and moral; or where Michael about are instanced. The mind the mind the mind that the mind the mind that the m

The Bitch and Shepherd, a Mix'd FARLE.

A Bitch big with young, beg'd of a Shepherd, a Place to lay her Whelps in a which when fine had obtain? d, fine further beg'd for leave to rear? om in the fame. At length, the Whelps being now grown up, depending on the Strength of her one Family, fine claim? dt he Property of the Place.

of her on't Family, the claimed the Property of the Piece. So the Allgillums who are now only Strengers, will hereafter percent who the Mitters of This Country. Fig. 7 that the Laws of Fally, the principal researched to the Williams of Fally, the principal researched to the Williams of Fally, the principal researched to the Williams of Fally the Property of the Williams of the Wi MANNERS.

MANNERS, And After, has fome fine Remarks on the Subject of Felder, as the Beginning of the Fabric sourcelles, Leders as Real 1115. A Fabric sourcelles and the Leders as the Leders as

rer. See Erorga, and Personsering. That Author fuggetts two Reafons, v ther. See PFOFRA, and FERROSITYING.
That Author fuggefit we Reafons, why Pables have
pleas'd in all Ages and Places. The first is, that Self-love is
feared in the Instruction. The st the Mind is exercised
by the Allegory. Men don't love direct Procepts; too proud to
condelected to those Philosophers who feem to command what
there are the self-love in the Process of the Process o considerent to those Philotophers who focus to command what they teach, show will need she infitzabled in a more harm-ble manner: They would never amend, if they shought shat to amend were to obey. Add, that there is a fort of Adt-vity in the Mind, which mail be humourd. It postes is fell in a Penetration, which discovers more than is flavorifelf in a Penetration, which different more than is incurs and in appreciating what was hid under a Veil, fincise it felf in forme measure the Author of it. The Fish's must always imply or convey forme Truth is noted Works, Delight slone may fuffice, but the Fish's must infirmal. Its Efficience is to be a Symbol, and of confequence to figuily formewhat more than is expressed by the Lectter. This Truth flould for the generality be a moral one; and a Series of Fictions conceived and composed in this View, would form a Treatile of Morality preferable to any more direct form a Treatic of Morality preferable to any more direct and methodical Treatic is Accordingly, Secrets; we are told, had a Defign to compose a Course of Morality in this way. This Treath found be concealed under the Allegory and in Strictans, it ought not to be explain'd either at the Be-desting a likely of the course of the strict of the course of the strict of

in Strikenest, it begue
ginning or Rich.
The Truth, or Idea intended, should arife up in the
Reader's Mind from the Fable it fell. However, for the
Conveniency of the lefs differning Readers, it may be a
good way to point out the Truth or Moral in percife
terms. To have the Moral at the End of the Fable, forms
whe Messigning The Mind is apt to terms. To have the Moral at the End of the Fable, Icens much better than at the Beginning: The Mind is agr to be foreitail in the latter Cafe: I carry the Key all along with me, fo that there is no room to exercise my Mind, in

with me, fo that there is no room to exercife my Mind, in finding any thing my felf.

The Image, M. de le Motte observes, must be just, and express the Thing intended, directly and without any Equiroques: It must be one, that is, all the Parts must be withing accessor, to one principal end; and it must be assured, that is, founded on Nature, or at least no Opinion.

The Writers of Fables are not many. If there were any before £169, his Success has quite effaced their Memory; and even occasion d all the good Things of that kind to be and even occation at air the good "Image of that kind to be afterbid to him. His Life, as wrone by Planatele, is it fell a thorough Feble. It must be owned to be very happily imagind, to make the lavestor of Febles: a Slave, and his Matter a Philosopher. The Slave has his Mattern Pride, and Matter a Philosopher. The Slave has his Mattern Pride, and the Mattern all contained in the Febles themselves; and the Readers all contained in the Febles themselves; and the Readers were left the Picalare of picking them out themfelves.

Tis generally allow'd among the Learned, that the 'the Matter and Invention of the Fables be Elp's, the Turn and Experience is not. The Greek is of Planades, and bad Geck it is in the Judgment of F. Vausgler, de Luders Birl. Some Authors will have Scratz the Author of the Fables of Elp's, others attribute them to Solomon, and others to House

on the Justice on Artifety of other stream of them to Solimon, Philadra was a Sixtur non, and a forest-Mine plus the had the Advantage over Artifety in Education. He is only a like manner of the Artifety of them to the Artifety of them to the Artifety of the Artifety of Artifety of Artifety of Artifety of Artifety of the Artifety of Artifet rattor: samous than good: but no is the inventor, and the Merit of lawrention will always compeniate for a deal of Faults. His Fables are often wild, and arricks; and the Collection is a fort of Romantic Affemblage of Men and Genii; compeded, in the kind, like Cyrus or Orlandes where the Adventures are continually the warring and clafting with

We fay nothing of the Fables of Gabrias, Babrius, A-

We fay making of the Faller of Galvins, Balvinis, As-cimum, Algebrain, one where can that defere to be. Among the Madernakov, mendered, hat Moffe de l'En-savin, and Matric. The fift of whom has picked out all the both things in Alph, Phodour and Phillers, and given them sears in France with a Duckery and given them sears in France with a Duckery and me plant of the Company of the Company of the Country sens, fets him even above Phildrain. The latter, rather than take up with what & la Fantain had deft, dods to be an livered when very large, the long thing of the control of the Company of the Verification is infinitely more correct than that of la Fantair story and more fainties to the Galving, than that of the

FABLE, is also us'd for the Plot of an Epic or Dramatic Pacm; or the Astion which makes the Subject of such Poem, or Romance. See Pozm, DRAMA, Eric and Ac-

Poem, or Remanne. See Foux, Danais, note and new Time, Table, resemble to Artificht, Naryh, a lin-wedyd piller, the principal Part, and as is were the Soul of a Foem. It mad be confided as is the first Remainder of the Commercial C

poratin Ačlica 3 and it is iong, and related in vorte. Nome of which Properties affect the nature of the Fable, or make it left a Fable than thole of Fable. The Fable, according to Ariffatle, confills of two effential Parts, circ. Truth, as its Foundation; and Hellen, which displaces the Truth, and gives it the Found of Fable. The Truth is the Point of Monity intended to be increased; the Rithon is the Action, or Words the infinitelion is cated; the Rithon is the Action, or Words the infinitelion is cover'd under.

cover d under.

To make a Plot or Fable: The first thing, according to the great Critick just mention'd, is to pitch on some moral instruction to be exemptifyed.

E.gr. I would exhort two Brothers, or other Persons who have some common interest to live in Amity; in order to

have some common Interest to live in Amity; in order or preferre it. This is the end of the Fallet, and the first bing I have in view. In order to this, I endeavour to live prefer his Maxim on their Minds, that is Undesterollar rains remainter, and all kinds of Society. This Maxim is the Moral, of Truth which is to be the Ground of the Re-bit; which moral Truth is now to be roduc'd into Astron. and a general Aditon to be framed from feveral single and real Actions of fuch as were ruined by ill Understanding-

That e.gr. 1 foy, that certain Periods suited together for the Preference of Something that belonged to them in order of the Preference of Something that belonged to them in order of the Preference of Something that belonged to them in order to the Preference of t

count by depth of the English can deligate, from only invoken See Country, (ii.).

The accommodate thickness in Fally more on the Mole on the See Country, (iii.).

The accommodate thickness in Fally more on the Mole on the Mole of t

As for the Fable, it matters but little, whether the Per-fans be called Dogs; or Oromes and Prisamant; or Re-kers of Artais, and Ralph de Nesse; or Achilles and Aga-

The Fig. 2 fair, we shall now propose in its jull Exercise.

The Fig. 2 fair we shall now propose in its jull Exercise, under their two Names, lift mentione it. It is not finest for the Lypers in the two preceding near. We first five like the Lypers of the two preceding near the first five like the lift of lift.

He faw the Greeks, for whom he wrote, divided into as many States, as Ciries; each thereof was a Eody apart, and had its Government, independent of the reft. Ye were those different States frequently obliged to unite into

This s. gr. 1 by, that certain Perfusi suited together for one Body against their common Esemies. Here then were the Preferention of fonething that belong it to them in two facts of Generations, two different to be commolicating the common common common to different the commolicating the common ILIAD and Onverse

is the Sabeton of the Bank, the keood of the Oof-Jim. See
The Che Sith Land of Ownerment, all Experience agrees,
that hat only Thing can ender it happy, and in Delignamoney the terest called the Chemistry, and in Delignamoney the terest called the terest property of the Chemistry
among the terest called the terest point is and that Millianderfinedings, a defire of bowly the are the inevitable Banco
could be given theme, was no fet tables that Pays to the
Bankelton of the Propies, and even of the Frinces themsives,
the Chemistry of the Propies and the Chemistry of the Propies
for the Chemistry of the Propies and the Chemistry of the
Bankelton of the Propies and the Prince themsives,
the Chemistry of the Propies and the Prince the Bankelton of the Prince the Bankelton of the Propies and the Prince the Bankelton of the Bankelton of the Prince the Bankelton of the Prince the Bankelton of the

sach vilkeriens. All which he the included in nor, universal Alexandra and Alexandra Prizers Integra spaint a censure Section of the Confedency of the Confedency of the Confedency to pure black the class the leavest of all the Confedency to pure black the off-feeder Prizers universal and cracine to purpose to fight Electron Confedency and Confedency

either affeial Lessons and Instructions. See Erssons. That the Epopea is all in Giory is fill justly and dieda-ly a mere Falde, in the fame Senie as the Fillions of F.-Fey's are, is from by M. Boffe, in a Parallel between the Fable of the Bind, and that of Effe plurady mentional. The moral Instruction is visibly the fame in both; to is the Fillion. All the Difference lite in the Names and Quarties of the Ferfons.

Quatures of the Ferions.

Homer's are Kings, be calls 'em Achilles, Patrocin, &c.
and the general Good to be preferv'd, be calls the Greeks.

Eppe, after this resence, gives his Perions the Names of
Bealls. The Dieg are confederated, the Woff is their Beamay, sand what Homer calls the Greeks, he calls & kept. One any; and what Hemore calls the Greek?, in call, Sivey. One sings, that while the confederate Princes are at Variance, may, that while the confederate Princes are at Variance, and the College of the Col

The two Falles were capable of a fill nearer Refem-blance. Homer has extended his by long Speeches, De-Scriptions, Companions and particular Actions; and that of Elop might be amplified after the like Manner, without

Zijû mijît be amplified sifter the like Manner, without compressing extension in the wind called from the Days at Variance, and flow the Kill of the flow in all let Circumitineses; so make fire Deficitions of the Paint wherein the Skeep fed, and of lenne neighbouring Wood, where the Word was feltered as negre to a few shortest where the Word was feltered as negre to a few shortest where the Word was feltered as negre to footed. First and defende the Carange they made at divera Expositions: and would the Geneeling of the Hord be fingetion. The Worl floads boatd similaria of Defendant of Jegouss; and ease of the Dogs be dyrang in a direct like from Circumiting the control of the Carange they made at the form the control of the Carange they made at the form of the Carange they made at the control of the Carange they made at the form of the Carange they made at the control of the Carange they made at the carange of the Carange they made at the care of the Dogs be dyrange to a few carange of the Carange they are the carange of the

Which laft would be the proper Hero of the Form, as being her and age to be energed. He would reper time the Festis Coulin, would silved the proper time to the couling the couling the silved and the couling the

Nation of the Frogs. The Reader has here field enough for an Epopea; if he have any thing of Fancy and Expression, and do but take care to repeat, as often as Homer does,

The S' anaunthiology appeirs wither dayle.

For the Unity of the Fable, fee Unity.
FABRICK, the Structure, or Construction of any thing,
particularly a Building. See Building.
The Word is form d of the Latin Fabrica, which erigin-

ally fignifics a Forge. In Italy, the Word Fabrick is applied to any confiderable Building. In France it rather fignifies the manner of build-

FABRICK Lands, are Lands given towards the Mainten-ance, Rebuilding or Repair of Cathedralsor other Churches; mentioned in the Act of Oblivion, 12 Car. 2. cap. 8. See

Chuach, GLEBE, &c. In ancient time almost every one gave by his Will more or less to the Fabrick of the Cathodral or Parish Church

where he lived. See INTESTATE.

FABULOUS, denotes fome thing that has a Relation

Sec FABLE.

Varro divides the Duration of the World into three States or Periods. The first, draws, the obtaine or dark, in-cluding all the Time before the Deluge, for the Heathens had fome faint Idea of a Deluge, and a Sort of Tradition founded therein; but knew nothing of what had passed be-

re. See DEEUGE.
The fecond Period he calls the subscir, fabrious Age, including the Time from the Deluge to the first Olympiad; and making, according to Petavius, 1552 Years; or to the

and making, according to Peravum, 1552 Years, or to the Defiredbin of Trye, which was 164 Years after the Debage, or and after the Delivery from Egypt. See Aos. This Period is called formerimes Fabuleur, and fornetimes Hervie. The first, on account of the Fables wherein the History and Learning of these Ages are veil'd: The Second, from the Heroes, or Sons of the Goods, whom the Poets Feign

to have lived in those Days. See HERO and HEROJE.

FACE, the Surface, or first Side, which a Body prefents

to the Eye. See Surface.

Thus we fay, The Face of the Earth, of the Waters, &c. Polyhedrons have feveral regular Faces. See Poly-HEDRON

MEDRON.

A Die, or Cube has fix Faces. See Curr.

FACE, is particularly used for the Vifage of an Animal, and especially of a Mao; as being the only Part of the Body, and especially or a was a sabeing the only Part of the Body, that ordinarily appears have to the Eye. The Lasting tall it Paties, Visitus, Os, &c. In other Animals it is foun-times call'd Bill or Rec's formetimes Stoom, &c. See Brut, Fle-The great Variety oblerable in Mens Paers, Voices and Hand writing, furnishes a noble Argument of a Providence.

Sec Voicz.

The human Face is call'd the Image of the Sond, as being the Seat of the principal Organs of Sense; and the Place where the Ideas, Emotions, &c. of the Soul are chiefly fet to View. Pride and Diddin are shewn in the chiefly fet to View. Pride and Bildain are flavon in the Eye-brows; Modely on the Checks, Majeldy is the Forehead, etc. "Tis the Face flavon the Sex, Age, Temperament, Health, to Difesia, etc."

The Face, confidered as the Index of the Priffican, Habitudes, Etc. of the Perion, makes the Subject of Physical Committee. The Prison of Physical Committees of Physical Co

Anatomifts usually divide it into two Parts, the Upper, and Lower: The Upper is the Front, or Fore-head; the Lower includes the Eyes, Nost, Eart, Month, and Chin. See each Part described under its respective Article, Eve. Nosz, Mourn, &c.

NOTE, MOUTH, etc., is formetimes used for the Front of a Building; or the Side on which the chief Entrance is: as also for the Side is presents to a Street, Garden, Court, &c. And sometimes for any Side opposite to the Eye. See

FACE, in Aftrology, is used for the third Part of a Sign. Each Sign is supposed to be divided into three Faces. The ten first Degrees compose the first Face; the ten follow-ing ones the fecond; and the last ten the third. Versus is in the third Face of Taurus, that is, in the first ten De-

in the time Pete of Lawray, in the first ten Be-grees thereof. See Stew. Facs, Fasia, or Figin, in Architecture, is a flat Mem-ber, baving a confiderable Breadth, and but a finall Pro-jecture: fach are the Bands of an Archdrave, Larmier, &c.

FACE of a Stone, is the Surface or Plain of Stone, which is to lie in the Front of the Work. The Face is eafily known when the Stone is feapled, as being always opposite to the Back; and the Back going rough as it comes from the Quarry.

the Quarry.

Bet rough Stones, the Workmen generally chuse to make one of those Sides the Face, which when in the Quarry, lay perpendicular to the Horkner; and confoquently the Breaking, and not the Cleaving way of the Stone. See Syone, Face of a Place, neclades the Currain, together with the two Flanks raised above it, and the two Flanks raised above it, and the two Flanks raised above it, and the two Flanks raised above its, and the two Flanks raised above its and the two Flanks rai flion, which look towards one another, and flank the Augle

of the 1 childs.

Face of a Ballion, or of a Bultwark, is the most advanced Part of a Baltion towards the Field; or the Distance comprehended between the Angle of the Shoulder, and the

Flank'd Angle. See Bastion

Finnk'd Angle. See Barrien.

The Face, or Fint of a Battion, Ravelin, Demi-battion,
Hern-work, Crown-work, 55c. is more usually underflood of
that Part of the Work: terminated between the Angle of
the Epsele, and the finnk'd Angle or between the Point
of the Ration and the Bank'd Angle or between the Point
of the Ration and the Bank'd the Baftion, and the Flank.

of the Bastion, and the Flank.

Face prolonged, in Portification, is that Part of a Line
of Defence ratian, which is between the Angle of the Epaule or Shoulder of a Bastion, and the Cuttain; or
the Line of a Defence ratiant cut by the Length of the Face.

FACET, or Facette, a little Face, or Side of a Body ut into a great Number of Angles. Multiplying Glaffes are cut to Facets, or Facet-wife. Diamonds are also cut in Facets, or Tables. See Dia-

MONE.
FACIA, in Architecture. See FANCIA.
FACIES Hippocratics, in Medicine, is when the Noffrlis
are finary, the Type hollow, the Temples low, the Tips of
the Ears contracted, the Fore-head dry and writhled, and
the Complexion pale, or livid.
The Facies Hippocratics is chiefly observed toward the
Tended of Thalbies and other Confinencies. It is held a face

FACTION, a Cabal, or Party, form d in a State of that the public Recode. Here, form d in a State of that the public Recode. Here is the World were that of the Catalyle and Glieties, who kept Italy in Alarm for many Ages, and thator the Wings and Yuries in England. So Guzzas, Toax, Sc. Pactrons, was associated.

GULLIN, 108X, 56.

FACTION, was originally the Name giren the divers
Troops or Compusies of Combustons in the Games of the
Troops or Compusies of Combustons in the Games of the
Creas. Of their chere were four, etc. the Green Fallion,
the filter Fallion, the Red Fallion, and the White Fallion.
These Fallions, with their Liveries and Badges were at
length abolitist. The Emulation which was at first between

seagm abstituted. The Esmulation which was at first between them, growing to such height, that in Justinian's Time they came to Blows. FACTITIOUS, fignifies any thing made by Art; in Opposition to what is the Produce of Nature. Thus Cinnabar is divided into Natural and Factitious.

Thus Uninesses. See Chinkaran.
Diffilled Waters are Fallitiess Liquors. See Water.
De-FACTO, fee DE-FACTO.

De-FaCTO, for DE-Factors

FACTOR, in Commerce, an Agent or Perion who ask, and acquisites for a Wenchane, by Commillian, civil all all Gontand and the Commerce, and Agent or Perion who and the Agent of the Committion, civil all all Gontent and Commerce, and Comme

and other Conditions expres'd in the Orders deliver'd

The Wages, or Allowances for felling, are usually clear of all Expences, of Carriage, Exchange, Remittances, &c. excepting Poffage of Letters, which are never fet to Ac-count. See Factora Age. FACTORS. in Arithmetick, is a Name given to the Multi-

Facrona, in Arithmetick, in Name given to the Multi-placed and Multiplier, by profiles help of piezer productions, productions, and the production of the control of the EACTOR AGE, for Facron, Bonavari, Sfe. The Fishermy, or Wages, call also Committees, is dif-ferent, at different Flaces, and for different Voyages: at Modelmin in any be fixed at these fare Cent. of the Value of the Goods bought; befide the Charge of Fackage, which is prof over an all allows.

pay'd over and above.

At Virginia, Barbases, and Jamaica, the Fasterage is out three to five per Cent. and the like throughout the oreatest

greatest Part of the West-Indies. In Italy it is two and a Prance, &c. two per Cent.

VACTORY, a Place where a confiderable Number of

Principals. See Factors.

Failors relide, to negotiare and obscure for their manners or Principals. See Facron. The Term is chiefly used in speaking of the East-Indies and other Parts of Asia, whither the European Nations send their Ships every Year, and keep Facros to buy the Com-modities of the Country, and fell those brought from

Foreste.

Foreign.

The greatest and nobled Fieldary in the World, is that of
the English at Suirma. It usually consists of 80 or 100 Pertons, most of them young Gentlonen of the best Hamilies,
and frequently younger Sons of Peers. "The a for of Semistry of Merchant. As there is a Necessity for ferring an
Apprenticability of form Years, to be emitted to trade to the
Curvary the Cultom is for Perions of Ferrings to blid their Levant; the Culton is for Perions of Fortune, to note their younger Sons to fome Merchant, who, in Confideration of a or 400 Pound Sterling agrees, after the three first Years s et also Found Sterling agrees, sfort the three first Years of their Agreement of their Agreement of their Agreement of their Agreement of their Management of their Management of their Management of their Management of their Agreement Sterling, with very glennifed Adoptorates, but are desired persons of their Adoptorates of their Agreement of their Agr

that appear brighter, and more lucid than the reft of his

The Faculse or bright Spots differ very confiderably from

The Pacilles or organ spors after very connectably from the Macule or dark Spors, both in Light, Colour, Figure, Magnitude and Duration. See Macules. Hovelius affures us, that July the 20th 1614, he observed Heverius attures us, that Yufy the 2010 1634, he obbery'd a Facula that took up a third Part of the Sun's Diameter. And from the Observations of the same Hevelius, we learn. that the Maculæ frequently change into Faculæ; the Fa-sulæ into Maculæ rarely, if ever. Some Authors even contend that all the Maculæ degenerate into Faculæ, e'er they

seed that all the Macula egenerate loss rames quite dilappear, declare the was ever able to difHogoro housers, declare the was ever able to difHogoro housers, declare the was ever able to be a seed of the first the seed of the see

Theoretz, Automate Segülter than the reft.

However, Automate like Richerba and Odvitore, have general references and the Richerba and Odvitore, have general reft.

Sport, which they conceive to be a fort of Volence's a riche Body of the Sam Ber Hoppers, and others of the learns and best Oblervers, finding that the best Telefonce efficiency and best Oblervers, finding that the best Telefonce efficiency and the Richerbard State of the Same S the rarer Exhalations, which being condensed in the Neigh-bourhood of that Shade, seem to exhibit a Light greater than that of the Sun. See Sport, gie.

The Word is pure Latin, Faterial being a Diminantwo of Fax, Torch; and support to be here applied from their appearing and difficating by turns.

FACULTY, a Foury, or Ability of performing an Ac-

See Powar.

The Term is much used by the antient Philosophers, and fill retain'd in the Schools, to explain the Actions of natural Bodies by.

Thus, to account for the Act of Digettion, they imposed a Digettive Faculty in the Stomach. To account for Mo-tion, they imagined a Motive Faculty in the Nervet, Sc. which is only a fabilitating of one Name of an unknown Phenomenon for another.

when it story a tenureum, or we.

The another than the another bring Effect to their refrective Vireas or Januier, till obtain in direct Things, which our Philosophy has not yet afforded us a better the Vireas or Januier, till obtain in direct Things, which our Philosophy has not yet afforded us to the Albert of Thus, if you of Medicinal Writers, Sensa and Rabbert of The State of the State of Rabbert of The State of T

divers inhaltern ones, whereby Nutrition and Generation are effected

Under the Asimal Faculties, are comprehended these elating to Scote and Motion. The Vegetative Faculty then is divided into Nauritive and Generative; and the Nauritive is again fieldivided in-

to Natural and Vital. To the first, belong the Functions of the lower Belly, re-

Affices of the Heart and Lungs, wherein Life is chiefly , san

Others fubdivide the Vegetative Faculty into Attractive, Others subdivide the Vegetanive Land.

Resentive, Consollier, and Expulsive.

The Animal Faculties, being those whereby an Animal

The Animal Faculties, being thole whereby an Animal perceives and moves, become divided into Sensitive and Loco-movine. See ANIMAL, VEGETATIVE, VITAL, NATURAL, &c. See also Functions.

TRAIL, SC. See all PROCESSION.

REVENT is all supplied in the Schools, to the direct Parts or Members of an University, divided seconding to the Arts or Sciences supplied profiled therein. These are four Passiture is most Universities: That of an ability of the Control of the Hammarian and Philotophysis and shick in most other and Philotophysis and shick in most other and the foreout, is that of 'Teneleys'. The third, Medicine: And the forcoot, is, that of 'Teneleys'. The third, Medicine: And the forcoot is, the Control of the University of the Control of

der Threaton, Ch. See eits Universiter.

Universiter aus, debt of Burdelow, Moder auf Zuffer, Sc. DeSeille Bereiten, Moder auf Zuffer, Sc. DeSeille Bereiten, Moder auf Zuffer, Sc. DeSeille Bereiten, Marra and Dorron.

Farmy is respected and Zuffer, Sc. DeFarmy is respected and Zuffer, Sc. DeFarmy in Francis of Landson and Montgaler's Modicioner Thant of Burdelow and Montgaler's Modicioner Thant of Burdelow and Montgaler's Modicioner Thant of Burdelow and Montgaler's Modicioner Thank of Burdelow and Montgaler's Modicioner Spinisches on the particular Underfinding in

Alka by I save a cassor As no car fifth upon Deep your

The Court of Factories Burdelow and Control School

The Court of Factories Burdelow and Control

The Court of Factories and Control

The Court of Factories Burdelow and Control

The

in his Benefice, one to have two or more Benefices incomn his Bettence, 600 to there two to the partible, &c.
The Office where fuch Difpenfations are taken out, is also

pathle, gfc.

The Office where fuch Diffeositions are taken out, is also called the Factive Covieta.

The Office where fuch Diffeositions are taken out, is also called the Factive Covieta.

The Office where Covieta is also called the Faction of the Factive price and the Faction of the Facti

The Quantity of a Pea taken out of the Matras, and laid

on a Paper, or other combutible Matter, begins to fineak immediately, and fets the Paper on Fire. See Phospho-

FECES, or Forces, or Feces, the Dregs, Sediment, or Imparities remaining of a mixt Body, after the purer, more volatile and fluid have been separated therefrom by Evaporation, Diffolution, Decantation, Derivation, or the like

the like.

Thus we fay the Feres of Oil, &c. Those of Wines are
properly call'd Less. See Luzz. Those of Mait-liquors,
Grounds. See Grounds.

Grounds, See Grounds.

Fraces is particularly ufed in Medicion, Sc. For the grofs, impure Matters found at the Bottom of the Compositions and Preparations of either Pharmacy.

ERCES, In Chymfirty, denotes the Lees, Refule, Dirt, Mad, Ordures, Impurities, Excrements and heterogeneous Matters remaining in the Alembic after the Diffillation of any Body. See Distributions.

What

comm, and figerom.

In the time of Tayory in the Casanity of 150 A weight.

In the time of Tayory in the Casanity and the Casanity of 150 A weight of 150 A we

FAGONA, in Anatomy, a conglomerate Gland, call'd

FAILLIS, in Heraldry, a French Term, denoting fome Failles, in Heraldry, a French Term, denoting fome Failure or Flaw in an Ordinary, as if it were broke, and linter taken from it.

FAILURE, or FAILING, a Species of Bankrupey; po-ularly call'd Breaking, or Stopping Payment. See

Bankaurr, Shir Faint-Action, is as much as feigeld di-ring; that is fach Adlion, as albeit the Words of the With te true, yet, if or crain Guafies the Fary has of This With te true and the property of the fair of the of the With are fulls. Cole on Lists. [th. 54]. Xet four-times the two are confounded. So, Acress. FAIR, a publick Fixe, where Merchasts Truders, and other Perions from divers Parts meet, on 6me feel. Day of the Year, to by and full Commodities, and to puralise of the Direction study accompanying fash & I

femblie.

Pass are either free, or elangd with Tolis and Impofition.
The Freiniges of Pere Fair confit chiefly, first, In International Conference on the Pere Pere Vision of Pere Pere Vision Pere Vision on the Conference of Pere Pere Vision of Pe

nary Laws and Fennalica.

The Word Fair is formed of the French Faire, which fignifies the fame Thing. And Faire fome decive from the Latin Farim, Market: Others from the Latin Farie, by reafon Fairs were antiently always held in the Places where the Wakes, or Feaths of the Dedications of Churches, call'd Farie, were held. See Faira.

The Romans call'd them Nundine. Eric Puteanus has a

culid Frie, were held. See Visaxa.

The Remuse Lind deem Niminate. Drie Pinesane Isaa very power briefe Trestinie on the Fister of the Remuse, The area of the Remuse of t

What tennion in the Rener, inflied of Foot, type— Jericy of Leightly, which are held thrie a Teasy one begotly denominated. Cofton merranos, or Terra damanta.

For the State of Foots of Terra damanta.

For the State of Terra dama gaming on the first of Tymantry, mether three Weeks after Dynastry, mether three Weeks after Dynas prime, and are at least as endirectly as a today of Franchiser, a. The Pairs of Nors, a Britic City in the 16th Three are first business of the Republic of Grant Personal Primers, the formed of May, the first of Supply, and focus of Spirenters, The the Commencine Boogst and field here of Spirenters, The the Commencine Boogst and field here of Spirenters, The the Commencine Grant Spirenters, and focus of extremely a spirenter of the Spirenters of Spirenters of Spirenters, and formed out the Commencine of the Spirenters of Spirenters of Spirenters, and the Spirenters of during which, all the Trade Foreigners have with that Ciry, is managed. It holds a Month, or fix Weeks at molt, commencing from the middle of August. The Museum City, is manged. It holds a Month, or fix Words at much Morchase street her from all laws of that will English and the English. Daniels Proced. Sensells, Daniels and the English. Daniels Proced. Sensells, Daniels and the English and the English and the English. Daniels Proced. Sensells, Daniels and Sensells, Daniels and English and Sensells, Daniels, Daniels,

Gey Zaisië in the lower Normandy. It is fall to have been chishful by our relimine the Conqueen, in Confederation, chishful by our relimine the Conqueen, in Confederation of Angul, and holds at Days, free by Chartee, and longer that Name, in Languades, and partly in the open Com-tained the Confederation of World; and for the Twinklic of all kind of Goods: The Money returned in their three Days amounting formerines to above the Miller of Livres.

to above fax Million of Livres.

The First of Ports-bells, Fora Crux, and the Housen, are the most confiderable of all thole in America. The toe first list as long as the Fora and Gallions continue in those Parts; and the left is opened as foon as the Heta or Gallions arrive there upon their Return for Spáin; this being the Place where the two Fleets join. See Flora, and GALLIONS

GALLIONS.

FAIR Pleading. See BEAU-FLEADER.

FAIRY, a Term frequently occurring in antient Traditions and Romances, denoting a kind of Genii, or imaginary Deirios, convertain on Earth, and diffinguistib by abundance of fantafical Actions and Office, either good or evil.

and a consequence of the stands and consequence of special process of the stands of th

Nem soller the Perfoss and Characters of Jaintse. Monda, in his Matteurs devices the Origin of our Bibles of Favire, from thesis of the Parace of the Antenna; and England Characters, the Characters of the Mintelland Characters of the Wild Flaws no Man. Bit chee, by Faviral be means a fore of Wichele, finned for these, produces of the Wild Flaws no Man. Bit chee, by Faviral be means a fore of Wichele, finned for the original control of the Matteurs, he colored with the Characters of the Wild Flaws with the Characters of the Matteurs and Flaws with the Characters of the Characters of

Decils: Such were their Lamins, and Nymph Egerin; from whom the later firty Queens, Morges, Mainns, Futa Manus of Missles, Glarians of Speace, and other Machines in Eggiffs and French Fable were, no doubt, derivd. Some of them are officially made to accord the Births of young Prices and Cavaliers, to Inform them of their Defitins, as against and does by the Pares, winted Highins, c. 117, again antiently done by the Pares, winted Highins, c. 127, and antiently done by the Pares, winted Highins, c. 127, and antiently done by the Pares, winted Highins, c. 127, and antiently done by the Pares.

But with Nanda's Leave, the Antients were not without But with Namas Leave, the Amelents were not without Whiches, as wiscled as our own; without the Candida of Horace Rpod. IV. Od. V. & Satyr L. I. 10. Nor did the Pairies facced the Pares, or even Fenifice of the Antients; but rather the Nymphe: for fach were Lamie and Egeria. See Nymris, Paren, \$25.

There Village of Rises is a Physicapaea with Lamas and

seements. Seemed the seements and the seements are seements and the seements are seements as the seements are the seements as the seements are seements as a seement as the seements are seements as the seements are seeme

remity than the mindle.

According to those Gentlemen, the second Kind of Circle splies originally from the first: The Grais burnt up by the Lightning, affine to grave the more plentially afterwards. Other Awthors have aftered, that these Farry Rings are formed by Ants; by reason thate lateds are sometimes to and the state of the second the second than the second

form'd by Asts by residentheds incidenter Conceinnes Sound reserving in "Troops between", and 50 perfy; in stat Atlant EAATTA, in Tabulophy, catalog and the property of the Atlant and Atlant and the At

nies in one of Josephan and the other of Many Fairs December didinguished into Hamas, and Divine Parm is that founded on the Authority of Godge is that Affort we give to what is selfirm'd by God. The Object of this Faits is Matters of Revelation. See Re-

HAMATON.
Hamas Fairii is that whereby we believe what is told as by Men: The Oblict hereof is Matter of human Teffinony and Evidence. See TESTIRON, and EVIDENCE.

Faith again, may be diffinguified into implicit, and Cientific.

Stentific.

Implicit or blind FAITH is that whereby we give our Affent to a Proposition advanced by another, of whose Knowlege and Veracity we have no certain and evident Reason
or Proof; and this is only Opinion under another Name.

See OFINIOS.

Attentifical or feeing FATTH, is that by which we give our Affant to a Proposition advanced by one who can neither facetive, nor he doctevid; which may be properly referd to Science or Koweledge. See KnowLand...

Dimine Faith, enterit partial, is flenager than human. When we are fally convinced that any Proposition comes from God, Fatth becomes Affarmane, or Science; it heling Seen God, Fatth becomes Affarmane, or Science; it heling them God, Fatth becomes Affarmane, or Science; it heling them to the proposition of the second sections.

trum Cod, **2870 Decomes Atturance, or Science 3 it heing an Ingerdener in our Idea of God, that he can neither decive, nor be deceived in 18 Men there is any Doubt, who-ther the Propolition is declared by God, or whether he has commanded that we fhould believe fact a "Thing 3 the Entitle Commanded in the order of the commanded that we floud be commanded that we floud be commanded that we floud be commanded that we floud the commanded that we floud that we floud the commanded that we floud the commanded that we floud that we floud the commanded that we floud the commanded that we floud that we floud the commanded that we floud the command can be no dronger, or weaker than the Reagens on wasses it is founded: Divine Pairb therefore, may either be firong, weak or none at all.—Again, the Realons of Motives of heliev-ing Men, may be of fuch Weight and Force, that being perleg dien, may be of then evergint and coree, may being the sectify underlined, they may equal a mathematical Evidence: And then the haman Pairb is fearer inferior to the Divine; a three being, as it were, an equal Necessity of giving our Affent on each Side. See Cardinlitty of

Bennas Yeltimosy.

Hence it is eafly observ'd, that all our Faith or Belief
has its Foundation on Reason, which cannot deceive us, if
we make a due Use of our Liberty, and do not acquisite,
dill it necessarily compels us. See Liberty, and June-

Missr., Strictly, and philosophically speaking, no Man can have what we call a Divinne Faith, but a Prophet, to whom God but immediately spoken. Seed Footners, and Procrate eventually an immediately spoken. Seed Footners, and Procrate eventually and the procrate religious Faith is really human, as depositing on the procrate religious Faith is really human, as depositing on the procretary of Men of whom Vernetty bowever, we are the Frongett Process. The Prophete, or thode to whom God immediately revealed this Will, believed him,

for that they knew he could not deceive. We, at this Day, believe them, or rather their Writings, for other Reasons, viz. the same which oblige us to believe all undoubted Histories. See REVELATION.

Bories, See Revitation.

Attri, in Theological Virtue, or Grace. See Graces.

Falls, in this Seafe, is a Gilf of God, whereby we are falls, in the Seafe, is a Gilf of God, whereby we are his Galactic Or, faith in to Gilf Tordan he has revered to his Galactic Or, faith is a Gilf Tordan he has revered to his Galactic Or, faith is a Gilf Tordan he has reversed to the God of the Galactic Or, faith is a Gilf Tordan described cased to give our Affanton to certain Things relating to God, his Nature, Attributes, Worlthy, Truth, 15e. The Fiddence councils, to the, we do not for our admertized cased of Reales, and Novellity, See Revitation, and Tavyon.

D. Trad defines finish the Saladines on Support of Things of the Control of Faith of the Part of Things and Control of Faith Control of Things and Control of Faith Control of Things and Control of Faith Control of Things and Con

introduc'd by Mr. Perefixe, to diftinguish the Fauth where-by we believe Matters of Divine Revelation, from those of By we Based and the Ecclefattical Determination.

Confession of Farre, is a Greed or Formula containing all those Articles, the Belief whereof is esteemed accessary to

Salvation. See CREED, and SYMEDE.

FAITH and Homage, in the Feudal Law. See FEALTY.

FAKIR, or Faquir, a kind of Dervice, or Mahometan Religious, who travels the Country, and lives on Alms: Or rather, as d'Herbelos observes, Fakir and Dervice are tho

Or ration, as a steepess unserves, paser and networks are time thing.

The Turks and Persians use the Name Dervices for any poor Person, whether he bus so out of Necessity, or Choice: And the Arabis apply Faker in the same Sense. Whence, in some Countries of Mustillamanism, the Religious are call'd to the countries of Mustillamanism, the Religious are call'd Dervice; and in others, particularly throughout the States of the great Mogal, Fakirs. See Desvice.

The Fakirs fometimes travel fingly, and fometimes in

metimes travel fingly, and fometimes in 1.16 Feller's fornetimes travel fingly, and fornetimes in Companies, When they go in Companies, they have a Superior, who is diffinguilfid by his Haist: Each Feller beam a Horn, which he blows at his Arrival in any Place, as alio at his Departure; and a kind of Seraper or Trowel, or Seraper have the first of the Seraper or Trowel, which was the series of the Seraper or Trowel, and they go together, they divide their Aims equally become they go together, they divide their Aims equally become give them as for every Night to the Poor, and the Seraper of the

amongic them; give what is left every Night to the Poor, and never referve any thing for the Morrow.

There are also a kind of idolatrons Fakirs, who follow much the fame Trade. D. Herbelor reckans in the Ladies eight bundred thousand Mahometan. Fakirs; and welve eight handred tmantand Mahometan Fahrris, and rweive hundred thouland ilolatrous ones: To siny noting of divers extraordinary frecise of Faquires, particularly Pentiturity, whole Mortification and Penance conflict in very odd Oblewinces. Some, or, remella Night and Day for confirmation of the confirmation of the confirmation of the state of the confirmation of the confirmation of the confirmation of the state of the confirmation of the confir down for the Parpole. Others buy themsleives in a Dirch, or Pit, for nine or ren Days without eating or drinking. Others keep their Arms lifted up to Hesven, so long, till they cannot let them down again, if they would. Others lay Fire on their Heads, and burn the Scalp to the very Bone. Others roll themsleives maked on Thorns. Taternier, &c.

Another Class of Fakirs, retire unto Mosques, live on Alms, and devote themselves to the Study of the Law, the reading of the Akoran, &c. to fit themselves for Moulas or Doctors.

People of Quality fometimes affore the Character and Quality of Fakirs: And the famous Orangach bimiels, e er he ascended the Throne, gave out, that he intended to mmence Fakir

The Word Fakir is Arabic, and fignifies a poor Person. It is form'd of the Word "DP, fakars, to be in want. FALCATED, one of the Phases of the Plants, popular-

ly call'd Horned. See PHASES. The Aftronomers fay the Moon, or any Planet appears

The Admonment of y the Moon, or any Pitters appears Federated, when the neighborth Xiv speptra in form of a Sickle, or Reaging book, by the Latinic call'd Pitte.

The Moon is Educated, while the moves from the support of the Company of the Compan

the Beak thick and fhort, the Neck long, the Shoulders bread, Thighs long, Legs fhort, Feet large, the Feathers of the Wings flender, Founces black, &c. The Falcon is excellent at the River, Brook,

The Follow is excellent at the Kiver, Ethous, and even Field 3 and flies chiefly at the larger Game, as Wild-goole, Kite, Crow, Heron, Crane, Fye, Shoveler, 5%. It must be added, that the Name Falcon is retrained to the Female 3 for as to the Male Falcon, 'tis much finaller, weaker, and lefs coursecount than the Fernale, and there.

weaker, and lels convergeous than the Fernale, and there-fore denominated Taffls, or Tieretest.

Tohn de Taunta, and feveral others, take the Name-Paleon to have been ocationed by its crooked Talons, or Punners, which referrable a False or Sickle. Girradus de-rives it a faicands, because it filles in a Carrie.

rives it a fulcious occasio is not in a Curve.

As in the Courfe of this Work, the feveral Terms of Falconry are explained, it may be here acceptably to fay fomething in the general, of the Management and Discipline of the Falcon, as being the Foundation of the Art of Falcon, as being the Foundation of the Art of Falconry. For the reft, the Reader may have Recounfer to

of the Jessies, as only me revolucions on means to account, for the cell, the Render may have Reconside rough, for the cell of the Render may have Reconside and the Secling at length gradually factors, that makes, the must be felf d, and the Secling at focusing hardening having the cell, the Her Faurisions are becapits here. Her Faurisions is the hind, and Bowent. Beide, a finall round Soich harings in a Sering so threbe the repeating with the Bartons at the hind, and Bowent. Beide, a finall round Soich harings in a Sering so threbe the repeatable with the second that the second hardening the the be madd: two Bess on her Legs, that me may be the more readily found, or heard when fine firs, feratches, &fe: And a Hood rais'd, and bofs'd over her Eyes. Her Food to be Pidgeons, Larks, and other live Birds, of which she is to eat twice or thrice a Day, and till she be fall gorged. When the Falconer is about to feed her, he must oop and lure, that the may know when to expect Then unhooding her gently, he gives her two or three Bits. and putting her Hood on again, gives her as much more; but takes care she is close seeled, and after three or four Days leffens her Diet. At going to bed, he fets her on a Pearch by him, that he may awake her often in the Fearch by him, that he may awake her often in the Night; continuing to do fo, till fix grow stme and gentle. When fix begins to feed eagerly, he gives her Sheeps-heart; and now he begins to unbood her by Day, but it must be done far from Company: Feeds her and hoods her again; and feeds her as before, but takes care not so her agan; and recis her as behres, but takes care not to high her with say thing, when he unbooks her; and if he be been continually on the Fill, till fine he throughly mand, and induced to fined in Company; For two or three Days give her walfid Meat, and then Plannage, according as you offenen her foul within; if fife each, bood her again, and give her nothing till fine gleam sifer her Calling as you offenen her foul within it if the cast, bood her again, and give her nothing till fine gleam sifer her Calling as you offenen her foul within the light may be the same than the continual to the co hor Meat in Company; and cowards Evening let her plume a Hen's Wing, likewise in Company: Cleanse the Feathers of her Casting, if foul and slimy: If she be clean within, give her gentie Casting; and when she is well recitimed,

give ner gentie Calting; and when she is well reclaimed, manned, and made eager and sharp fer, you mast venture to feed her on the Lure.

But three things are to be consider d before your Lure be shew'd her. '. That she be bold and samiliar in Company, and not afraid of Dogs and Hories. '. Sharp-feet and hungry, having greand to n Lur. pany, and not alraid of Dogs and Hories. 2. Sharp-fer and hungry, having regard to the Hoar of Morring and Even-ing when you would lare her. 5. Clean within, and the Lucre well garnifit'd with Meat on both Sides. When you intend to give her the Length of a Leafe, you maft ab-found your felf: She must ali be unhooded, and have a bit or two given her on the Lure, as fhe fits on your Fift. That done, take the Lure from her, and so hide it that the may not see it: When she is unfected, east the Lure so near her, that she may catch it within the Length of her Leasth; and as soon as she has feir'd it, use your Voice as Falconers do, seeding her upon the Lure on the

After having lur'd your Falcon, in the Evening give her After naving luc'd your Fatows, in the Evening give nor but little Most, and let this Luring be 6 timely, that you may give her Pamange, 5c. next Morning on your Flat is When fish has eath and gleamed, give her a little beach-ing of warm Meat: About Noon, yee a Creance to her Leak, go into the Flick, there give her a bit or two upon the Lure, and unless the rif you find fise is sharp-6c, and has caperid-he for the control of the control of the but of the control of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the con has eagerly that an are after any set a man hose ner, so set her off to the Lure; then unwind the Creance, and draw it after you a good way, and let him who has the Bird, hold his Right hand on the Taffel of her Hood readily to hold his Right-hand on the Taifel of her Hood readily to unbood her, as foom as you begin to hure; so which is file come well, floop roundly upon it, and haftly feine it, let her call two or three bits thereon. That door, anderse, rake her off the Lure, and deliver her again to the Perion that held her; and going further off the Lure, freed her as below; and so daily ferther and farther off the Lure. Afterwards, you may lure her in Company, but do not fright her; And having us'd her to the Lure on foot, do it

allo on Horse back; which may be busher accomplished, by cauding Horfemen to be about you, when you late her on Foot: Tis also fooner done, by rewarding her apon the Lare on Horfe-back among Horfemen. And when she is grown familiar this way, her foundbody a-foot hold the Lare on Home-once among notemen. And when he is grown familiar this way, let fomebody a-foot hold the Hawk, and he that is on Horfe-back, must call, and calt the Lare about his Head, while the Holder takes off the Hood by the Taffel; and if he feize eagerly on the Lare without fear of a Man or Horfe, then take off the Creance, and lure at a greater Diffance, Laftly, if you would have without four of a Man or Horfe, then take off the Orence, and lime at a genetre Dillance. Lafily, if you would have her love Dogs as well as the Lure, call Dogs when you give her Funnage. See Baruton, Enzemanne, 6%.
FALCON, E. In Gennery See FAUCON, and FALCONET, In Gennery See FAUCON, and the FAUCONET, and Control of FAUCONET, and Control of FAUCONET, and Control of FAUCONET, and manages Birds of Preys as Falcon, Hawks, &c. See

also on Horfe back; which may be sooner accomplished, by

The Grand Seignior usually keeps fix thousand Falconers

in his Service The French King has a Grand Falconer, which is an Office diffmembred from that of Great Hunt, Grand Vencier. The Historians take notice of this Post as early as

the Year 1250

One great Bufinels of the Falconer, is to confider the Ous-One great frames or the rateours; is to consuce use your lity and Mertle of his Birds to know which to fly carly, and which late. He muft also be bufy and cleanly in freeing them of Llee, Nix, and Vermine. Every night after flying, he fiscald give his Bird Cattling; nor must be forget to water bee, aniefs the have been bath'd. After this, the muft be put in a warm Room, having a Parch with a Candle burning by her; where the is to fit uohooded, that the may prane and pick her felf. Next Morning the should be weather'd, &c.

be weather 4, Ec.

FALCONRY, or PAUCONRY, the Art of taming, managing, and tutoring Birds of Prey, particularly Falcart and Hawkit; and employing them with Advantage in the Parfair of Game, call'd allo Hawarano.

The Word is found of Falco, Falcon, or Faucon, the Bird of most Ufe and Effects in this kind of Sport. See

FALCON.

Factors, as now pradictl, was unknown among the Greeks and Remans. All their Writings don't intuit is for Greek and Remans. All their Writings don't intuit is form teaching ut the Fernes. "In the Freek Languages lone, that has particular Words for all the Pars of Fale comy and Hundings and from them and of our Terms or The Writen of Reputsion on Followy, are Diplores, Promitives, Tardle, Testimothe, Diagons, and Laisimon. M. de S. Morrhe has put the Frinciples of the Art into fine Land Vorks, but Marringheigh, for der we sufficient Land Vorks, but Marringheigh, fine der we sufficient.

FALDAGE, an antient Privilege, which feveral Lords referred to themselves of setting up Sheep-folds, or Pens, in any Fields within their Manors, the better to manuro and this not only with their own, but with their Te-

This was also term'd Soffa Falde; and in some old Char-ters Fold-foce; and in some Places a Fold-course, or Free-

fill.

FALL, Defent, in Physicks, the Tendency of any heavy Body rousant the Centur of the Barth. See Discissor.

Gaillair field distorted the Ratio of the Acceleration of Gaillair field distorted the Ratio of the Acceleration of Gaillair field distorted the Ratio of the Acceleration in the Gaillair field distorted the Gaillair field of the Gaillair field fi

Water-Fall, fee CATARACT.

WHEN-FALL, SEC CATARACY.
FALL, is allowed in a series of the Fall of Adam.
Sec Onlying the Series of the Reman Empire, Sec.
Authors concead, that Plant had a Notion of the Fall
of Adam, which he had learn from Mojer. English de
Perparat. Engage I. I. 11. 11. queez a Fabic in Platb's
Sympiss wherein he finds the whole History, allegorically

FALL, in Mufick and Poetry. See CADENCE, EFF-

GRAM, St.
FALLACY, a Deception, or falle Appearance or Re-port. See Enzon, and Truym. The Epicareaus, deny that there is any fuch thing as a Fallacy of the Scules. According to them all our Sculations, and all our Perceptions, both of Senie and Phantaly, are true: So that Senie is the first grand Criterion of Truth-That the Senses are never deceiv'd, they argue from their being incapable of all Rationination and Remembrance: Hence they can neither add, take away, couple, nor disjoint they cannot, therefore, inter, or conclude, or invent; and confequently cannot deceive by any Inference, or Inven-This the Mind may do, but not the Senfe, who

only Bufine's is to apprehend what is prefent. E. gr. Co-lours, not to differe or diffinguish between this Body and that. But a Thing that barely apprehends without prothat. But a Italiag that barrely apprehends without pro-mounting any thing, camou deceive. Add, that there is nothing to convict our Senfes of Fallhood. The right Eye, e.gr caunot convoiet the left; now Plato's Eyes, thefor of Sorrates fince the Reafons or Pretentions of each are equal; and the pur-blind Perfon fees what he fees as much as the Lynexis. Nor can a South of one Kind convict and the Lywort. Nor can a Sense of one Kind convict ancher, as the Sight, the Sensel; by reason their Objects are different; and confequently their Resport, or Jude and the Conference of the Conference of the Conference of the Conference and the Territory, when our of the Wester James and the Territory and the Conference of the Conference freight one. And this ldes is all that the Seule fuggetlas for that it does not deceive. Laftly, Resdon cannot flew our Sonies militaken, fince all realoning depends on previous Senfations; and the Senles multi first be true, before any Reasoning founded thereon, be fo. Thus, the Epicareany, whole Syltem is sit troughy confirmd by what we have already laid down from Mr. Berkely, concerning the Ex-TERNAL World.

The Carteflatz, on the other hand, are continually cry-ing out against the Senies, as the great Sources of all De-ception. Every thing, which out external Senies present us, they fay, fload do edipected as false, or as thet is, slous, till our Resion has confirmed the Report. They add, that our Senies as being fallacious, were never give as by Nature, for the Diffeovery of any thing of Truth, but only to point out what Things are convenient, or hurtful to

only to polete our what Things are convenient, or hunful to our Bodies.

The Paripatericki keep a middle Coorfie: They bold, that if a leadible Objekt be taken in its common on genera-tion of the control of the common of the common of the common special properties with the parisary that is riffile 5, nor can it err in proceeding what is within parisary that they also that if the Objekt be taken under to specific View, the State may be entitleted about it, ore, from a Wam of the Diff-position recedify to a full Sentition, as an indispotition processing the common special processing the common special grade By, the Medium, 4%. One Sterm, Kanzawa, 100.

FALLACY, in Logic, or Syllogiflic Fallacy, is a captions Argument, call'd allo a Sophylin. See Softman. Fallacies citized artic from Words, or Things: The Foundation of all Illuficon and Fallacy in Words, is that one Article of Ambiguity; which is of two Kinds, vie. a fimple Homonymids, and an Ambhibelagy. See Homonymids, and an Ambhibelagy. See Homonymids.

in Emmeyeni, and an Amphibacop. See Theometrials, and America Control of the Cont

FALLOPIAN Tubes, in Anatomy, two Ducks arising from the Womb, one on each Side of the Fundus thereof,

Som the Womb, one on each Side of the Faulus thereof, and thence extended to the Owder's I swing a conflicted state in the Affiliar of Conception. See Conceptions and Side of the Owder's I swing a conflicted state in the Affiliar of Conception. See Conception of the Owder's I swing a conflicted state of the Owder's I swing a swing a

Trumper.

Their Tubes are four or five Inches long: They confift of a double Membrane, derived from the outer and inner on a double Membranes, derived from the outer and inner Membranes of the Uterus. The Extremity next the O-Yary, at the Time of Impregnation, at which Time the whole Tube is expanded, reaches to, and embraces the O-Yary; the 'at other times it leems to fall a little flowt of it, and is only flightly tied by the Fringe, to the Underfide of the O-Wof the Ovary

The Ule of these Tubes, is to convey the Seed, or rather Ova of Women, and other Animals, from the Testicles, or Ovaries, into the Uterus, or Womb. See Ovary, and

Their inner Substance is compos'd, in good Measure of Ramifications of Veins, and Arteries, which form a kind

of reticular, or cavernous Body, not utilike that of the Cli-toris. This Structure makes them capable of Dilatation, and Contraction, according to the Quantity, and Stop of the Blood; and confequently, of being, as it were, erected, in Coltu, and of embracing the Ovary at that Time, which in their State of Flaceidity they did not. See GENERATIONS

in their Steme of Finecistly they did not. Sec. Genna Armos.
They take their Demonitation Fulliages, from Gazziett,
They take their Demonitation Fulliages, from Gazziett,
They take their Demonitation Fulliages, from Gazziett,
monly repeated their first Revenor; the we find them deference of the their first Revenor; the we find them deference of the Kind, the frequently been new white,
find more of this Kind, the frequently been new white,
find more of this Kind, the frequently been more withthe find the first the first the first retagged to the first the first the first retagged to the first the first the first retagged to the first re
tagged to the first re

FALLOW, a Colour, of a pather con, make the major as a Fallow Deer, &c. Fallow Field, or Fallow Ground, is Lind laid up; or that has lain untill d for a confiderable Time.

that has lain untill for a confiderable Time.

So, to Fellion, is to prepare Land by plowing, long lesfore it is plow'd far. Seed. To do this twice, is to resignifture it is plow'd far. Seed. To do this twice, is to resigniffar. It is the seed of the seed of the seed of the seed of the
FALSE Gray, to Heraldry, are those otherwise As if Mexis to
put on Mexis or Colour on Colour, 5c. See. Ansat.

FALSE, dried, in Wan, a feigned Attack, intended to draw

Attack, lensely faree to one fife, is order to ferena a real
Attack, lensely faree to one fife, in order to ferena a real
Attack, lensely faree.

all the Ehremy's Force to one fide, in order to favour a real Attack, iteratical to another fare. See Avvacas.

Attack, the series of a second to the second to the force of the force of the fare force of the fare force of the fare force of the England (operated by in Parapet from the Berno, and the Side of the Most-toly in Parapet from the Berno, and the Side of the Most-or of the Parapet force the Berno, and the Side of the Most-or of the Parapet for the Force of the Force of the Force of the off the Parapet of the Force of the Force of the Force of the Certified Realman, which the Cameson make in the Body of certified Realman (and the Force of the Force

FALSE Claim, is where a Man claims more than his Duc.

See Claim.

False Conception. See Mole.

False Diamond, a Diamond counterfeited with Glass. See DIAMOND.

See DIAMOND.

FALSE, Or Falle Puffilion, in Arithmetick. See PositionFALSE Flower, a Flower, which does not feem to produce any Frit; as thoic of the Hasle, Mulberry-Tree, ifOr a Flower, that does not arife from any Embryo, or that
does not knit; as thoic of the Melon, Cucumber, ifSee See FLOWER.

FLOWER.

RALE Imprijomment, is a Trefaula committed against R.

Man, by imprileding him without lawful Curlet. It is also

RALE Ref. in Shiphy is found Reck, which is formed

FRALE Ref. in Shiphy is found Reck, which is formed

through the control of the control of the control

RALE Medity. In when faul Man poils in Review, a series

to the control of the control of the control

RALE Medits. So of the Curlet, Radon; GG.

FRALE Prophete, Go. Fronties, The Curlet

FRALE Ref of a House, is that Fart between the upper

RALE Medits. So of the Curlet

FRALE Ref. So of the Curlet

FRALE Ref. So of the Curlet

FRALE Medits.

COMMS, and the Covering. See ROOF.
FALEE Money,
FALEE Merghy,
FALEE Rist,
FALEE Rist,
FALEE Rist,
FALEE Rist,
FALEE HOOD, Fulleweft, in Philosophy, an Act of the
middly address accordance on This controls.

FAISEHOOD, Fallered, In Ebilolophy, as A& of the Understanding, respectioning a Thing, otherwise than it is as to in Accidents Or, a full Emunication, or Jodgment of any Thing. A first a Heelin Broad judge, that the King or Theo Circumstance, as in its Accidents, for a sholter New Coffig in the Definition, a fairment a set thing cannot be received otherwise than it is an o Efficiation. For in fact, and fine the Efficience is they thing the configuration of the first hand the contraction of the contract

Sec FALLACY

See Fallace.
The Schoolsmen diffinguish Fulghead into Objettion, which is the Objets of the falle Judgment, e.g., the King of Spikin being in America: Emiration, that of the Things appearing what it is not, and thus occasioning the Editory manay to the Editory, one Effection for the Things.

Crimer FALSI, in the Grif Law, is a freaduct Subservation, or Concentent, with delign to delicting which will be considered to the Ching.

The America of the Concentration of the Chings of the Chings

The Crimon Fulfi is committed there ways; by Words, as when aWittels fiwears falfty. See Pergunx. By Writing, as when a Man frames or altors fourthing, anecdates a Contract, or the like, See Pensenx. And by Dood, as when he fells by falfe Weights, or Meafares, debafes the Cola. 15. Coin, Sc.

FALSO Judicio, a Writ, which lies for faile Judgment, given in the County Cours, Court Baron, or other Court, not of Record.

Falso Retorno Brevium, a Writ, which lies against the Sheriff for making faile Returns of Writ. See Ratven. FALX, in Anatomy, a Part of the Dura Mater, dei FALX, in Austomy, a fear of the Dara State, december ing between the two Hemilpheres of the Brish, and Separa-ing the Law to William (1998) and Separa-ing the Law to Market (1998) and Separa-land (1998) and Separaland (1998) and Separaland (1998) contained by the Convexity of the Brish. See Brassar, It divides the Bratin, as low as the Corpus collisions. FAMES Couries, by the Greeks called Cymdes Arenis, q. d. Dog appective, is fach an indictable Hangen, as in some to infinited with Esting, but continues, even when the

Stomach is full. See BULIMIA.

This is a Case, much talk'd of by Antients; but rarely

met with amongst us.

met with smoogh us. until from fary frening Júccia in Ir may be lappide to a unife from fary frening Júccia in Ir may be lappide. The singuistic state of the state of Hunger. See Hence 22. FAMILIA, Framily, commonly implies all the Servates, belonging to a particular Maffer. Porton of Land, vintum tha a is fillificant to missiant one of Family. The Term Hide is by our Writers Iomenium call'd a Many's, formethines a Family, and Senctioned Carmatia, or a Plott-land; containing as much as one Plow and Oxen a Trow-state a containing as much as one Flow and Oxen
could cultivate in a Year. See Hisp. Flowois-Lank, See
FAMILY of Curver, is a Congeries of several Curves of
different Orders, or Kinds; all which are defined by the
fame indeterminate Equation, but in a different Manner,
according to their different Orders.

according to incir different Orders.

Suppole, a. gr. the indeterminate Equation, a"-'x
=g". If sm=1, ax=y". If sm=2, a'x=y". If sm=4,
a'x=y", gc. in Infinitum. All which Curves are faid to
be of the fame Family. See Craves.

FAN, a Machine, uled to raife a Wind, and cool the
Ali, be availating it.

Air, by agitating it.

The Caftom which now prevails among the Ladies, of wearing Fans, was bortow'd from the Eaft; where the hot Climate renders the Use of Fins and Umbrellas almost iodispensible. It is not long, fince the European Women first began to use a kind of Fans, made of Leather, in the Summer time: But they are now found of Necessity in Winter. met time: But they are now found of Necetilivia Winter-la the Buff they chiefly du Ingre Eust, made of the then, to keep of the San, and the Blue. In Indy and the the state of the San, and the Blue. In Indy and the middle of their Apartments, and particularly over the Tables. The Buff of the San San San San San San San San Key rettin a long Time, by reason of their perpendion, help to cool the Air, and drive our Flox Superficion, help to cool the Air, and drive our Flox. Parcesson, in the Germany of their Ordination, in Alluson

Deacons, in the Ceremony of their Ordination; in Allufion to a Part of the Deacon's Office in that Church, which is to keep the Flies off the Pricits, during the Celebration of the

Sciences—
Monagorie in his Translation of the Embelly of Gorcias
de Figuras, give the Name Fast to a Kind of Chimarya
or Ventuckin, his due mang the Profiler, to hardwise
the Chimarya
or Chimarya
or

poife-fhell, or the like. rome-ment, or the line.

Fant are either made with a double, or fingle Paper.

If the Paper be fingle, the Sticks of the Mounting are
patted on the kain oranemati Side; if double, the Sticks

are fewed betwink them. Ever they proceed to place the
Sticks, which they call, mounting the Farm is the Taper is to
be plained in finch manner, as that the Plains may be alternately inward and ourward.

Ground, both prepared by the Gold-beaters. Sometimes they paint on a Gold-ground; but 'ris rarely: True Gold they paint on a Gold ground; but the rarely: The Gold being too dear; and falle too pairty. To apply the filver Leaves on the Paper, they ale a Composition, which they peternd is a great Secret, but which appears to be no other than Ginni Arabic, Sugar Candy, and a Bittle Honey, melted in common Water, and mix'd with a little Brandy. present in common water, and mixe with a little Brandy. This Composition is laid on with a Spange; then, laying the Silver-leaves thereon, and pressing them gently down, with a linnen Ball, flusted with Cotton, they carch hold, and grow rogether. When instead of Silver, Gold-ground is laid, the same Method is observed.

isid, the fame Method is obleryd.

The Ground being well dryd, a Namber of them are well bears asgether on a Black; by which means the Willes of the state of the

enzei, Sec. a Beimen, were die Luders ein die Renz-Figitien, and abeimen, were de Luders ein die Au-richt ein Germany, mit die der Schale die Schale die Franzeigen die Auftrag der Schale die Schale die Tie Weed is firmt die die Luder ein die Regiennium, Franzeigen der Schale die Schale die Schale Franzeit, And excellenje he seniort Chronicke Geschler Franzeitz, had excellenje bes einem Chronicke is per of higher Original. Annea der Bernareitz die Schale die Schale die 18 Franzeitz der Schale der Schale die Schale die Schale Franzeitz franzeitz der Schale die Schale die Schale die Schale Trampe, Chronick mehr ist die knocker in Tamels. Sweis

Temple, by reason they liv'd altogether in Temples. Structure for Rome, Sout. C. 6. 2, 212. Such, particularly Temple, by realon they live a longerhor in I temples. Strategy, Anne, Rom. Synt. C. 6, p. 212. Such, particularly, were the Pricits of I/I, of the Mother of the Gods; of Bellons, &c. Seme others, who were always cell'd Famerick. In Gruter, p. CCCXII, n. 7, we have an Infeription, wherein one L. Cornelius Tomorirut, is call'd Familiars. AB 1313, SERAFIS. ABARDEM BELLONE. And p.

DCLIF, n. 7. Fanaticus de Æde Bellone.

What might give further Occasion to the Appellation of Fanaticks, was, that they perform'd their Sacrifices in a wild, enthyfiaftical manner.

FANATIO, is our antient Cufforns, the Facening-time, or Fence-month, in Forcia See Fance.

FANCY, fee Phantasy, and Imagination.

FANTASTICAL Colours, are the fame as those call'd imphatical Colours. See Empiration Colours. FAPESMO, in Logic, one of the Moods of Syllogisms. Sec Moon.

See Mean. A Splogjim in Patrian, has in first Proposition an uni-versal Affirmative; the foctood as universal Negative 5 and the third, a particular Negative. See Overcoursa. PARCE, we originally a Drail, or petry Show, or Pa-terniamene, exhibited by Charleston, and their Bulloon, in the ones Street, no gather the Croud together. The World is Presto, and significial intensity, spress most, or Street, or a supplied to this Occasion, no shoot, on with the Engineering was intensity of the Croud Street, with the Engineering was intensity and present the con-with the Engineering was intensity as present the con-

account of the variety of yels, Oldes, Tana, C. Woods, with the Entertrainment was interlated. At prefeat, Parer is of a little more Dignity. "Tis remov'd from the Street, to the Theaters; and initead of being perform d by Jack-paddings, to amufe the Rabble, its more abode by our Comedians, and become the Entertainment and the Company of the Company

ment of the political Audiences.

The Poets have reform'd the Wildness of the primitive Farces; and brought them to the Tafte, and manner of Comedy. The Difference between the two, on our Stage, is, that the latter keeps to Nature, and Probability; and in order to that, is confin'd to certain Laws, Unities, &c.

prescrib'd by the antient Criticks. The former, disalous of all Laws; or rather, fets them all side, on occasion. Its End is purely to pleafe, or make merry: And is flicks at nothing, which may contribute thereto, however wild, and extravagant. Hence, the Dialogue.

mery: And if fifths at nothing, which may contribute there-to, however wild, and extravigumt. Hence, the Distinger is sfamily low; the Perfon, of Inferior Rank; the 18-be, or Aclien, retribute, or relacions, and Nature; and the more pulyable Riddicale. See Contract. Some Authors derive the Word Fress' in this Senfe from the Lanks Fasting; others from the Colite Forest, Nocto-Fress, and Contract of the Colite Forest, Nocto-tion, and Montain Coling of the Colite Forest, Nocto-Fress, and Coling of the Performance of the Coling Fasting and Senfer of Mange. Disting in Horizon, Fasting calls it surviva fasting in the first in Engineer Fasting and the Coling of the Coling of the Coling and Mark Faller. Rocking or Strings, along the Vening and in the Faller. Rocks, or Strings, along the Vening and in

ruption of the Blood s which flews it lelf in Eruptions of hard Pattles, Knots, or Strings, along the Veins; and in Ulcers, which are not cured, without great Difficulty, by running bet Iron; into them. There is a 'preading Farmin, which diffuses it felf our the whole Body; an inner Farcy; a stringed Farcy, &c.

gicked with it: Or, it in the Leg, by curring, or innerter-"Re Hitter-Freiri proceeds from a Phack's tending, or ten, watery Grounds, and Plats, or Holes, where the Graft great show the Water, which confines him to feel tur-Graft, field up the Water, which confines him to feel tur-ture of the Confine shows the State of the Confi-pation of the Confine shows the State of the Confi-branch Part of a Yard-land. See Yann-LAND: PARDING JOYAL, it can caince Calonian, significes the tender of the Confine shows the Confine shows the Band Part of a Yard-land. See Yann-LAND: PARDING JOYAL in care caince closure, see a feel and support to the Confine shows the Confine shows the support of the Confine shows the part of the Confine shows the Confine shows the Confine part of the Confine shows the Co

Yet we find, Viginta libratas terre, vel redditus Reg-fel. 94- a. and 248. b. whereby it feems librata terra is io much, as yields xx s. per Annen: and centum folidatas terrarum tennementorum & redituum, fol. 249. a. See

Furion.

Others bolds Obstata to be but half a Pearch; and Descripta, a Pearch. See Prach.

FARE, a Voyage, or Paliage; or the Money paid for patfing by Water, Se.

For the Fares of Hackney Coach-men, Water-men, &c.

For the Force of Backney Coach-men, Water-men, Co-fee Coach-man, Force, or Powder of Some Grain, or Hall ground, and fifted from the Fran. See Flower, The Weed is pure Latin, Farina, form'd of Far, Com, Wheat: And Far, exceeding to Garderier, dones the History '72, bar, figuiling the fame Thing, Yasawa Faromaton, among Naturalitis, is a fice Dall,

Hebrew 12, ber, againing the lame Thing.

Farina fecundari, among Naturalita, is a fine Duft, prepar'd in the Male flowers of Plants; which being afterwards find on the Female, does the Office of a Sperm, or Semen, by impregnating the fame. See Gankarton,

Semen, by impreparating the fame. See Carratarion, Praxer, and Proventions call do the Made-doff, and of the Grant freumatine Gardenia the Offices, or Tops of the Commiss, where, when the Offices, or Tops of the Commiss, where, when the It is the Head of the Commiss, where, when the Orapida, it is fift on the Head of the Prifit, and thence concept to the Matrix, or the Control of the Prifit, and thence conveyed to the Matrix, or the Control of the Control, to fecundity the Oras, or female Seed, consistent therein. See Oranana, Arens, Parts, and U-main therein.

THRUE. This DMfd, in any one Plant, being view'd with a Micro-loops; overy Particle threeof appears of the fame Size of the Particle Plant of the Particle Signer, Size, Col-leon, Eds. of the DMfd, is very different Signer, Size, Col-leon, Eds. of the DMfd, is very different Size, Size, Col-sion, Size, Size,

of tome Y titips: Others fieth-colour'd, as tome Species or Lygebnis; and others red, as those of the Gettim.

It may be observed, however, that the Colour of the Friman varies, in the fame Species, according to the Colour of the Flower; and even, lometimes, the Farina of the Gime Flower; is of different Colours; as is easily observed in

Gene Bower is of different Colomy, as it eadily obtained in the Corpyblium around. Each of Firms are much. The Equates of the direct Reposed Equates the Each with the Equates of the direct Reposed Equates the Each, while was considered to the Colombia of Earneys, running length wide; fo that through the Mancoker Ley book one unlike the Some of a Date, a Mancoker Ley book one unlike the Some of a Date, a theory of the Edgesmann, Bugies, Byrony, Thishmah, Gr. Those of the Mealing, are Cylinders Theo of the Mealing, are perfect to experiment to crystal Giobulos, Guidej failwid to each darker. Theof of the Spranger, repredient too Cylinders, size is some six in from the Colombia of of a Kinney 'Thode of the Compounds, Pattion-tower, Gr. stee nearly round, but usequal in their Sartices: Those of Copypil-plan Sheeffrin, are round, and car in Faces: Two of Copypil-plan Sheeffrin, are round, and car in Faces: With kind of Underland, to Indonence, to it is an April, Brache Badd of a Nechalest, on Indonence, tai in an April, Brach Badd of a Nechalest, which we doubt. These of the Cal-Ro, Grena Olit, Re. are little Gobes, for with Priches, Gr. Of the Cal-Roy, form one are very hand; a piece, for, and cally Broke. They all contains a deal of Influences Mattern, then then the doubt Patray theorem, they are trying the methals the doubt Patray theorem, they are trying the methals the doubt Patray theorem, they are trying the methals the doubt Patray theorem, they are trying the second of the patray of the

The Farrin is infellious; and has the Effelt of a street docume. Those of the Lilly, are fig fail of Oil, that they Paper. Officer during the Collection Farring, by change-gradient Paper they are put in, as if it had been oiled to the Farring and Collas formations by Spars-golling with rally Spars, Sast-field with the Collas formations by Spars-golling with rally Spars, Sast-field with the Collas formations by Spars-golling with rally Spars, Sast-field with the Collas formation of the Collas formations of the Collas

roof tody seitines dislave in Weter, or Spirit, for Unit, Mr. Braddis Papico a Magnetic Virus ledgid in the Egrina featurbair, or Maic Duft; by means whereof. Mr. Braddis Papico a Magnetic Virus ledgid in the Egrina featurbair, or Maic Duft; by means whereof. Non-Robinson and the United of the Frenklic, if during the Control of the Co

FARM, or FREM, in Law, fignifies a little Country-Domain, or District, containing House and Land, with o-ther Conveniences; hired, or taken by Leafe, either in Writther Conveniences; inrea, or cases of acceptations, or Parole. See Lease.

This in divers Pare is call'd diverfely: In the North, it is a Tack; in Laucafeire, a Fermebolt; in Effex, a Wike,

is a Vares; in Letterspiere, a Letterspiere, a magnetic in the Vend enginglang is formed of the Latin formation. In the corrupted Lexin, forms fignified: a Flace included, the Vend of Lexin formation of the Vend of Lexin for the Vend Form, from the Cheen Formation for the Vend of the Vend o

Forms.
Spelman Brews further, that the Word firms figuified not only what we now call a forms, but also a Paull, or Landoud for a centrum Number of Days, and at a craim, has the contraction of the Landoud for a centrum Number of Days, and at a certain Rute, in Confideration of the Lando, the he held of him. Time, Forms, in the Lawas of King Camuran, trended and the contraction of the Landoud King Camuran the contraction of the Confideration comma deen at personal numerous softly; and, reddent numerous feet in the first which denotes, Provides for a high, tand Days, The Reman about the Time of the Conquell belong all referred in Providents. The Calmon whereof is failed how here been find a low here been find a low the contraction of the Conquell belong all referred in Providents.

ter'd under Henry I ter'd under Henry i.

We allo fay, to farm Duties, Imposts, &c. The Duty
of Excile in Seastand is farm'd, or let to farm, for at 33500
per Annum. See Excise.

FARREATION, in Antiquity, the fame with Confer-

ation. See Conferencian.
FARRIER, a Person, whose Office is to shoe Horses, and cure them, when they are difeafed, or lame. See

SHORING, &c. FARTHING, a fmall English Copper Coin, amounting

FARTHINO, a final English Copper Coin, amounting to old Fenny, Sec Coins. Note, J. being a fourth of the Integer, or Fenny See Fasser.

FASCE, Folks, in Headely. See Fasser.

FASCES, in Antiquity, were Axes, or Hart-hos, tied together with Rads, and lone before the Rams Martinest Country of the Company and were then the Mark of the Germany and were then the Mark of the Germany of the Company and were then the Mark of the Germany Dippley. In after Tunes, they were benefited the Coulds. They had each.

of them twelve, bere by 6 many Ufhers, call'd Littors.

Timbers of the Stem, on each Side, except aloft, where See Licrons. Disnoyl. Halicars. L.III. c. 84.

the Counters are. See STEN. and affeibe the Number twelve, to the Number of Birds, which foretold him his Kingdom. Others hold, that horrowed it from the Heterorians; and that the Number twelve answerd to the twelve Nations of Heteroria, who

twelve answer'd to the twelve Nations of Herraria, who in creating him King, gave him each an Officer, to ferve him as Lictor. Silius Italieus alcribes their first Invention to a City of Hetruria, call'd Vetutonia.

These Fasces consisted of Branches of Elm; in the Mid

There Fagget consisted of Brancher of Link; in the Mid-dle whereof was a Sourity, or Hatchet, the Head whereof flood out beyond the reft. Plinarch relates the Realisas of this Diffposition. Publicols took the Hatchet out of the Fages, as Plinarch affaires as, to remove from the People

Fafet, as Phinares statures us, to remove from the Cooper all Occasion of Terror.

After the Confust, the Pretors affurm'd the Fafets. Cen-forin. de Die Nutst. observes, that the Pretors had only two: Tho Polybins and Phinarels give them fix. In the Government of the Decem-vir's, it was the Pradice, as first, for only one of them to have the Fafets. Asterwards, each

for only die or interest of the pages.

of them had twelve, in the fame manner as the Kings.

FASCIA, in Architecture, by the Workmen call'd Feeis,

Facio, or Face, a Broad-lift, Fillet, or Band; particularly

ufed in Architectures, and Pedelfala. See Architecture, and PEDESTAL.

The Architrave confilts of three Foscie, or Bands; thus call'd by Vitravius, as refembling Swarbs, call'd in Lazin

calte by Farman Fastise. That Author admits no Fastise, in the Fastism, and Device Architerare, i.e. he makes it all plain, without any Division, or cantoning into Parts or Fastise: But the modern Archi-tects take Liberty to differ from him herein. See Two an,

Tools, e. gr.

In Brick-buildings, the Juttings out of the Bricks, beyond the Windows, in the feveral Swries, except the high-ell, are cail? Bricks's, or Fodice.

These are founcimes plain, and sometimes moulded. But the Mealding is only a Come reverfs, or an O. G., at the Bottom, with two plain Goardes of Bricks over it; then an Affregal, and latify a Bouttom.

Fascia lata, or Fiscialis, in Anatomy, a Mulcie of the Log; call'd also Membranofist. See Membranosis. FASCIÆ, in Astronomy, two Rows of bright Spots, ob-

for d'on figlierà Body a reponing line Smith, or Botte Sec [197112.

The Krifte, or Zirite or Tryptiera, are sense lad interest. The Krifte, or Zirite or Tryptiera, are sense lad interest. The series fonctiones breader, and fonctiones currecture, to do help always policia he lame Part of the Dika. They are Smith policia he lame Part of the Dika and rook up the middle Part thereof. See Mann. Philips. Dika 1981, ferv'd on Jupiter's Body; appearing like Swaths, or Belts.

Vacatia.

The Word is formed of the lattic Verb fashimore, of the Greek Searchion, fighthing the fame Things. See Cataxas.

Greek Searchion, fighthing the fame Things. See Cataxas.

Branches of Trees, or Batring, bound up in Bandles of the Model Searchion, force to fill up Disches, to ferce to Mode, make the Paragrees of Teaches, See Tart and being fee to Fire, ferry to burn the Enemies Lodgements, or other Words.

A pitch'd Fascine is a Foot and half about: A Fascine

A pitch Figine is a Foot and half about: A Figine for Defence, two or time Foot.

In the corrupt Latin, they the Figinesian, Figinesia, Figines

Fasmon-Pieces, are those two Timbers, which form the Breadth of a Ship, at the Stern; and are the outmost

Sec Food

The Advantages of Fasting, with regard to Health, with

straordinary Inflances of long Fafting, fee under the Article AssTINENCE The Branins never bleed their Sick, but make them

fast in lieu thereof. Fast, is poculiarly used for an Abstinence, on account

of Religion; or a space of Time, wherein the Church pro-hibits the use of Food; or at least restrains it to certain Things, and certain Ho

Things, and certain Hours.
The first, canonical Fast, only sllows of one Meal in 24 Hours. Fa. Thomaglie observes, that the ancient Fast, was, to fur, without dining, i.e. only to take one Meal, and that not till after Nones: Adding, that to dine, though without suppling, was a Breach of the Fast. The Tractice of the Latin Charte, was to fast 30 Days in the Xear; which,

Latire Charch, was to fill 36 Days in the Year; which, is as it were, the Tyth of the Year.

**Termilian wrote an express Treastile de Fiftiumis, of Fift; to Support the new Laws of Fifting, which the Montanitis were for imposing. See Montanists.

**Ten andmer Catholick's allowed of no Fifti of Obligation, or Command, bedde thus peeceding £uffer, since call Larty to Terms of which were to forbeat Earling till the

Lori i bu Térmi of which were to lorbear katon un ten Erening. Soc Landkard were only of Brestine. Such were the fourth and furth Frien, i. e. Pfedagolysi, and Frien, "Only This Fig. as called Steine, Beliefe which there were occasional Figli, injured by the Biltings, etc. See Exacts with the Company of the Company of the Company to the Company of the Company of the Company to the Company of the Company of the Company to the Company of the Company of the Company to the Company of the Company of the Company to the Company of the Company of the Company to the Company of the Company of the Company to the Company of the Company of the Company to the Company of the Company of the Company of the Company to the Company of t

Widow, the Orphan, and the Poor. In the fame Paffage, the Fast is call'd Station, and the Person who fasted, was to begin early in the Morning to retire to Prayer. See STATION

ereire to Przyce. Sec Statios.

S. Freifford, Firsy tells as, going to fulfir, fome No-ple, est of a Principle of Charity, olife'd him Drink, to hyporthem De the Freid II, friging is it not yet Timo specific to the straight of the principle of the con-war Fridey, Station-day. Which these the Eastheds of the pointive Charitian, in this Points and that Drinking, win held breaking of Followskay into Fight; that is, the Use of cheef Farins for third Meals, and Wines, but also from Inculate Twite, for the whole, a Homar I and form robact themselves to Bread and Water. But this was The Farilles of Princip amore and the Charita.

more than was commanded. See XRROPHAGY.
The Pracise of Fifting is more antient than Christianity. The Israelizes faithed often, and had their stated Fiftings. The Day of Attonement, which they call Kipparini, was a Day of Fifting, injoin din Levit, xxiii, 2: See Some will have this the Day St. Padar steels to Hadda xxiii a.
The Jers had likewise Fifti, instituted by Precept of Synappeur Soul were their of the fourth, fifti, and tends of the Month, mention'd by Zachariah vii. 3. and viii. 19.
The Heathens adopted the fame Cuftom, in all Proba of the Menth, mention'd by zendurale vii. 5, and viii. 15. The Heathers adopted the intex Chemi, in all Drichsman to The Heathers adopted the intex Chemi, in all Drichsman to Tealing, that Polityre; as a pycous from the long Little of Foody, secondarial order the Artheric Faxary. An experiment of the Polityre of the Artheric Faxary, except the Artheric Faxary, but the Artheric Faxary, but

DECENNA.

DRICENSA; in Antiquity, was the Roman Calendar; whore-in the feveral Days of the Year, with their Feaths, Games, and other Geremonics, were exprised. See CALENDAR, The Romans had their greater and lefter Faffi. The Great Faffi were called, the Paffi of the Mangifrares; and

the leffer, the Fafti Calendar The Faffi Calendares, which were, what was properly, and primarly call d Faffi, are defined by Feffus Pomprins to be Books, containing a Defeription of the whole Year's i. e. Ephemerides, or Diaries, diffinguishing the feveral being the containing the containin

kinds of Days, Festi, Profesti; Fasti, Nefasti, &cc. See Fast, Sc.
The Author hereof was Nama, who committed the Care

The Author hereof was Name, who committed the Care and Discilion of it to the Postific Materians; whom the and Discilion of it to the Postific Materians; who the part of the Care of Rome 15to when C. Flemm; Secretary of the Postifices, expeed in the Porma I. His of a constraint to the Foundation, expeed in the Porma I. His of the Care of th the divers Interiptions, or Gravings thereof on antique Stone the divent interlytons, or Gravings thereof on analysis Somolo, one would manage, but the private Perfords had been likewise for mixed. The state of the private private private and the private private private private private and the offer where the first fill Books till termining; the fix had, if ever they were wrote, being loft. Befilde Ord, feveral plant Authors that dustress the fame subject, permission plant Authors that antercoal the fame subject, a premission of plant, Ormalin Lukes, C. Liccinians, and Night; of I sil-yane, Grandin Lukes, C. Liccinians, and Night; of I sil-yane, Grandin Lukes, C. Liccinians, and Night; of I sil-yane, The Company of Tripic Accompany of the Company of the Company of the Company of Tripic Accompany of the Company of Tripic Accompany of the Company of De Prisco Sermone.

De Prigo Serimone.

Thie Oscillation of Fasti of the Magistrates, were expected the feveral Featis, white every thing relating to the Code, Religion, and the Magistrates; the Emperors, their Birth-days, Offices, Days conference to them; and Featis, and Corremones, establish can their thomosur, or for their and Corremones, establish of the Company of

and Ceremonics, crissonaru in the research perfective. Freforeity, Ec.
With a Namber of fuch Circumfiances, did Flattery, at length, well the Foft; whence they became denominated.
Magai, to diffingail them from the hare Calendar, or

Faitt Catendares.

In the Fafti Ruflici, or Country-Fafti, were express'd, the feveral Days, Featts, &c. to be observed by the Country-people: For as these were taken up in tilling the Grounds, fewer Feaths, Sacrifices, Ceremonies, and Hollidays were enjoyed them, than on the Inhabitants of Cities: And

enjoyn'd thom, than on the Inhabitants of Gitters; And they had fome peculiar ones, not obler'd at a Rome.

Thote Ruflick Fuffi, contain'd little more, than the Ceremonies of the Calcula, Nones, and Ides; the Fairs, Signa of the Zodika, Increale, and Decreafe of the Days, the Tutelary Golds of each Month, and certain Directions for the rural Works, to be performed each Month.

rura: WORK, to be perform'd each Month.

Fast; was also a Tabler, Chronicle, or Register of Time, wherein the foreral Years were denoted by the respective Consuls, with the principal Events, that happen'd during their Consulates; call'd also Fusti Consulates, or Consulate Fasti.

gueer Pairs. Parvinine, Piglius, and Janfan & Minelo-comphrises. Parvinine, Piglius, and Janfan & Minelo-ercen, leave piven us the Fift Confidences; the two fifth, with long, and Learned Commences, wherein are expressed, not confidence to the Confidence of the system of the Confidence of the Dance, 16-C. Spaire confines himselfe to the Confidence along the Confidence of the Confidence

banes, Eds., Studies confines himself to the Coalulis atons. Farra, is fill applied to the Archives, and publick Registers, wherein are kept Hildorical Memoirs, of the most memorable Things, belallen a People.

In the like Scule, the Marryrology is call'd the Sacred Rift of the Charth. See Marryronopy. The Jefnit Du Londel has compil'd the Fifti of Levis le Grand, &c.

the Grand, GG. Markette, were Court days, antivering, in Rearts, or 2000 Frame, See Trade.

The Morel Folly, Fifterm, is found to the Verb Earl.

The Morel Folly, Fifterm, is found of the Verb Earl, began to speak by reach, during those Days the Court were open, Caules might be heard; and the Practor was allowed first, to promone the three Words, Dee, Dize, Addiso:
Be other Days, wherein tais was prohibited, were called, Morellit, The Order Court of the Morellit Court of the Court of the Morellit Court of the Court of the Morellit Court of the

Ille No-fallus erit per quem tria verba filentur, Fastus eris per quem lege licebis agi.

Their Dies Feffs were noted in the Calendar, by the letter F. But observe, that there were fome Days, or letter F. But observe, that there were found Days, or be difficult to the control of the control of the bed difficult to the control of the control of the bed difficult to the control of the theory of the control of the control of the LASTIDIUM Gib. See News.A. LASTIDIUM Gib. See News.A. See Frankser, of the control of the control of the See Frankser, or the control of the control of the control of the See Frankser, or the control of the Thefe Dies Fasti were noted in the Calendar, by the

See PEDIMENT.

FAT, in an Animal Body, a white, oily, fulphurous Subflance, collected in little membranous Leculi or Cells, in divers Parts of the Body; serving to keep the Parts warm, and to force and temper the fharp Salts in the Mass of Blood

Physicians diffinguish two kinds of Far: the first, call'd in Latin Pinguedo, and Assungia, and in Pinguedo, abioluto-ly, and by way of Eminence, Far, is a gross, whitish Oil, found imprediately under the Caris.

ly, and by way of humanence, fart, is a gross, which Oil, found immediately under the Cutti, inclose in little Bags, call'd Cellule Adipple, adhering to the outer Surface of a Membranc, call'd Adipple, adhering to the outer Surface of a the Proceeding of the Corebead, Eye lids, Penis, and Scroum.

This Far is nothing but the oily Part of the Aliment, or Chyle, Esparated from the Arterial blood, by the adipole Clarette Corebead of the Corebead Glands, and carried by peculiar Duchs to the membranous Cells; whence it is transmitted again to the Blood by the

Dr. Grew takes it to be a Coagulum of the oily Parts of the Blood, made, either by fome of its own faline Parts, or by the oitrous Particles of the Air mingled therewith in the Langs; which Sentiment is confirm'd by an Experi-ment of that learned Person, who made an artificial Fat, by only mixing Oil of Olives with Spirit of Nitre for fome by only mixing Oil of Olivies with Spirit of Nitre bot fome Days: And bence it is, that divers Alminsh; as Conics, Harcs, Ges. grow fet in Winter, and particularly in fevere froilly Weather; the Air then abounding most in Nitre. Hence slid it is, that the Fet of Land Admirals, it may farmer, then that of Filhes; the watery Element contain-farmer, then that of Filhes; the watery Element contain-in fome Subjects the College of the Conic o

in lome subjects to a centre are to built and emerciace, under Fer is above an lock thick: In others they are almost flat; and in emaciated Subjects, inflead of Fer, we find a fort of flaced transparent Subfrance, which is nothing, but the bare Membrane; the Cells being all exhautted. See Membrana Adirosa

The fecond kind of Fat, call'd Severn, Suct, and Leaf, is whiter, harder, and more brittle, than the former; being found in the Cavities of the Abdomen, Omentum, Se-Sec OMENTON, E.c.

The Fat of both Kinds, ferves as a natural Balfam, to preferve the Body; and by mixing with, and enveloping the Salts wherewith the Blood and Scrum are highly fa-

turated, keeps them from fretting and corroding the Parts of the Body, through which they pais. It is thought likewise, and not without Probability, to

make a confiderable Part of the Nourishment of our Bo-

make a confiderable Part or the Nourinness of our Po-dios, whose, the fattel Berlons, falling into an Arroy, gradually lefe all their Fur, which is always quite expend-cid in fach Cafes, e're the Difficate become fatal. Too much Far is ufually attended with Heavines, and Drowfarels, not only from the Unwieldlines of an overgrown Body, nor from the fluffing of the Cavities and Thornas alone, which fornesimes obliracts the Expansion of the Disalone, which former obstructs the trapanton or one par-phragm and Lungs, and produces a Dypman, or an Or-thopman; but it is likewife probable, that the Abundance of fatty, or oily Particles, return'd into the Blood, and im-plicating the more lightle and active farts, may hinder the

pilicating the more fastle and aftive Barn, may funder the necessary Secretors in the Barian-concentral Secretors in the Barian-concentral Secretors in the Barian-concentral secretors and the secretors of the s

That of Geefe, has the fame Qualities; and likewife abates Hemorrhoids, affuages Pains in the Ear, being applied within the fame; and opens the Belly, being taken inwardly.— Eeris Fat is effected good against the He-morrhoids and Deafness; to take away Pits of the Small-pox, and to make the Hair grow.— That of the Frout, beside its being emollient, is good in Difeases of the Anus,

and Ulcers of the Breast. FAT, in the Sea Language, is the fame with Bro

Thus, if the Truffing in, or Tuck of a Ship's Quarter under Water be deep, they fay, she hath a fut Quarter. Fax, or Var is a great wooden Vessel, which among Brewers and Malthers is used to measure Malt for Expe-

and matters is aled to measure Main for Fapedition 5 containing a Quarter or eight Baffels. See Mart. It is likewife a Veffel, or Pan of Lead, ufed in the making Salt, Efc. See Saltr.

FATE, Fattum, a Term much ufed among the antient Philosophe.

PATES, Fatting, a Lorentz-Philosophers. It is formed a fands, from fleaking - and primarily im-plies the fame with Liffatting, viz. a Word, or Detree, pro-nounced by Gods or a fixed Souteners, whereby the Deity has preferible the Order of Things, and allotted every Per-fon, what shall be fill him.

The

DENCE. But befide this Senfe of the Word, wherein it is strid, formetimes to denote the Comessions of Castler in Nature, and the string of the string of the string of the string of the string the string of the st

logical, and Stoical.

The first, is a Necessity of Things and Events, arising from the influence, and Positions of the heavenly Bodies,

which give Law, both to the Elements, and mix'd Bodies, and to the Wills of Men.

In this Scric is the Word often used by Manistus: Cer-tum oft & inevitabile fatum: materiaque datum oft octi-

Gal ogere fields. See AFFROLOGY.

The Strical FAYE, or Fatality, is defin'd by Cicero, an Order, or Series of Caules, wherein Caule being link'd to Caule, each produces other; And thus, all Things flow

Carde, ech produces other; And thus, all Things more from the one prince Canel.

There is no care the care that the care the care the care the care that the care the care there is a little part of all Things at sterres, each involving other. To this Fast Than the Poet; The Parents on only bind other Things, but thindles to Sorres: Eaden conditions of Density and the care Things, but himself. So Sorres: Eaden societies of Density and Fast Terestechtiit sterium parine of humans careful so better. In the Care the Care that the Care

fequirur ? femel feripfit, femper paret.

This eternal Series of Caules, the Poets call usign, and

Pares, or Definies. See Spotersa.

Fate, is divided by fome later Authors, into Physical, and Divis

and Divune. The first, is an Order, and Series of natural Causes, ap-propriated to their Estecks.

This Series is necessary; and the Necessary is natural.

The Principle, or Poundation of this Fater, is Nature, or the Power and Manner of acting which God, originally gave the leveral Bodies, Elements, Mixts, &c. By this Fater is is, that Fire warms; Bodies communicate Motion to each other; the Sun and Moon occasion the Tides, &c. And the Effects of this Fate, are all the Events, and Phanomena in the Univerte; except fach, as arise from the human Will. See NATURE.

Divine FATE, is what we more usually call Providence. See PROVIDENCE.

Plate, in his Phade, includes both these in one Defini-tion, as intimating, that they were one and the same thing actively and passively consider'd: Thus, Fatorn of ratio question divinia, lecujus naturs e conici, que transfer aquaest, quistre a conici que transfer aquaest, quistre a conici, que transfer inquistre interdedimentis. The that of Boetius Icenses the clearer, and more jult: Fatum, faze he, ch inhereur redos modelibus ordi-differential que quam Providentia fuit guesque nelle ordi-

FATHER, Pater, a Term of Relation, denoting a Person who begot a Child, either Male or Female. See Son, and DAUGHTER.

Among the antient Romans, the Fathers of three Chil-dren had very confiderable Privileges allow'd them. By the Laws of Romalus, a Father had an absolute unlimited

the Laws of Remuisis, a Father had an absolute unlimited Power over his Children.

**Mospitee Fathers, is he who takes the Children of fome other; and owns them as his own. See Appertun.

**Putative Fathers, is he who is only the reputed, or sup-point Father; as Joseph was parasive Fathers of our Sa-viour. See Forative.

Natural FATHER, is he who has illegitimate Children. See BASTARD.

NOE MANYARD.

A Father-in-Low, is a Person married to a Woman, who has Children by a former Husband, \$6.

FAYIMAR, is a foul did in Theology, for the first Person in the Trinity. See Prasson, and TRINITY.

Gast the Father, is the proper Father of Jesus Christ; with regard to Men, he is call'd heavenly Father. See Gen, and Son.

and Son.

FATHER, is also used in a figurative Sense, on divers Moral, and Spiritual Occasions. Thus, it is applied to the Patriarchs; as we fay, Adam was the Father of all Manking Abraham, the Father of the Faithful, Sc. See Pa-

TRIARCH. In an Ecclefiaftical Scale, Fashers is used for the antient Prelates, and Doctors of the Church. The Fashers as fembled at the Council of Nace: Chryslessus, St. Bufil, &c. were Greek Fathers: St. Augustin, Se. Ambrofe, &c. Latin Fathers.
The Fathers, fay the Meffeurs de Pers Royal, are the

propor Interpreters of the Golpel; and are only henour'd with

The Greeks call it, shat, shamin's guaff strate. Caseus, that facred Appellation, as their Works are, in fome mea-a Chain, or accellary Series of Things, indifficially lank fare, a Patrimory, or Inheritance, left the Paithful, as their together; and hot Moderns, Procedures: Soc Parot-

Scalinger observes, that the Fathers were good People, at not learned ones. To which St. Ewemond subjoins, that when a Man comes to look near the Fathers, he lofte a great Part of the Veneration, which Time and Opinion has procur'd them : The great Diffance between shem and

hair pocur'd them: The great Diffusion between shem and unables them spear much greater, that they's strong, and the strong and the greater, that they's strong tion and Vivacity of Mind, than Judgment, and good Senfe, they gave altogether into Allegaries, and selficide the Brillant on an Exacts. Judness of Mind was a thing they visually the strong and the strong strong the strong th

alfo REVERENCE.

allo RAVELINCI.

RAVELINCI and in papelo to the Superious of Convents as the Father General; Father Provincial; Exposited to the Father General; Father Teverincial; Exposited to Father Pather Aller Delicates, in the Order Father Convention, and the Convention of Ecolosisistic, whether Regular, or Secular; as, the Istarter Convention, Copyline, Apolling, Topolonis, Convention; Thomas Convention of the Conv

Sec also BROTHER. FATHERS, is also us'd for Persons venerable for their Age, Quality, or the Services they have done the Publick. Thus, at Rome, the Senators were call'd, Conferint FATHERS, Pa-

tres Conscripti, &c. See Patres Conscripti. See also Se-

NATOR.

FATHIMITES, or FATHEMITES, the Defeendants of Madomet, by Fathirms, or Fathernab.

The Dynaity of Fathirms, that is, of Princes defeending in a direct Line from Ali, and Fathirms his Wife, Aller beneral's Daughter, commence in Affrica, in the Exer of the Heyers, 295; of Jefac Carlin, 908.

The Fathirmize afterwards conquer'd Egypt, and other than the Constant of the Const

lish'd themselves therein, in Quality of Kaliphs. See KA-

The Fathimites of Egypt, ended in Abed, in the Year of the Hegira, 567; 268 Years after their first Establishment in Africa; and 208, after the Conquest of Fgypt.

FATHOM, a long Measure, containing fix Feet; taken from the utmost Extent of both Arms, when stretch'd ic-

The father, See Massurs.

The Father is chiefly used at Sea, in effinating the Lengths of Cables, and other Shipropes, with the Depths and Soundings of the Sea: Alfoin Mines, Quarries, Wells,

and all Works of Fortification.

and all Works of Fortification.
There are three kinds of Fathems, accommodated to the different Ranks of Veffels. The first, which is that of Men of War, contains fix Feet: The middling, or that of Merchant Ships, five Feet, and a half; and the finall one, utid in Flays, Flybeats, and other Fifting-veffels, only

Farbon is also us'd in several Countries, particularly Ita-iy, for the common Yard, or Ell, whereby Things are ordi-narily measur'd, in Commerce: In which Sense it is commoniy call'd Brace, or Braccio, q. d. Arm. See Brace.
FATNESS, Obesity, or Corputency, in Medicine, the
State of a Person too much loaded with Field, and Fat-See FLESH, and FAT.

Fatneff arises from a landable, copious, oily, foft Blood maining lefs than its Share of Salt. Such a Conflitution of Blood, occasioning but a fochlo Fermentation, there is less confirmed, than is made; the Lymph, which seems to be the Matter of Nutrition, proserves

Lymph, which iscens to be the Matter of Naturous, processor is writing One fifteene longer; and by that means adheres the more plentifully to the divers Parts of the Body. Add, that chere is more a Fat feparated from the Blood, than can well be deposited in the adipose Cells. Hence the Body grows very considerably, and the Parts formetimes distend to a monitrous Balk.

com to a monitrous Faur.

Family is promoted by any thing that tempers and folcans the Blood, and renders it lefs flarp, and fallner: Such
is want of Exercite, and Modong an indicate Life; too
mach Steep sourthing Foods, Ge. It is precreated, or mored, by the contrary Cautes, and particularly by the Us
of falms and acid Mean, and Drinks.

Family is the Occasion of divers Difficate, and particuFamily is the Occasion of divers Difficate, and particu-

larly the Apoplexy.

sary use Apopersy.

Semeratis mentions a Man, that weigh'd fix-hundred

Pound; and a Maid, of Years of Age, who weighd 450
Chighie Vitelik, Marqueh of Cerman, a nored General in

his Time, from an excelline Extelly, reduced himfelf, by

drinking of Vinegar, to fuch a Degree of Leannels, that

he could fisel his Skin feweral times round him.

Fatues was infamous among the Lacedemenians FATUA-

PATUARII, in Antiquity, were Persons, who appear-ten inspired, forested Things to come. The Word is form'd of Fettua, Wife of the God Fen-ent, who was suppord to inspire Women with the Know-ledge of Futurity; as Fannes bimself did the Men. Fanne, had her Name from Fari, a.d. Vaticinari, to

FAMUS Ignis, a kind of fiery Meteor, popularly call'd Will-caith-a-Wijb. See Mutron.

The Ignis Famus is a Vapour, filining without Heat and the Company of the Vapour.

The Ignit Fatum is a Vapour, fining without Heat; and is there not the fame Difference between this Vapour, and Hame, as between rotten Wood, fining without Heat, and barming Coals of First News. Opt. p. 516.
FAUCON, a fort of Cannon, whose Diameter at the Bere is \$\frac{1}{2}\text{ cheeks}\$ \text{ Weight, 750 Fanad}\$ \text{ Length, 7 Foot}\$ \text{ Load, at 7 cound 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and at 7 Found 5 Not, as Inches Diameter, and a Post of Not, as Inches Diameter, and a Post of

Beet al. (A fection is the Copin) to common common and the Copin services of the Common copin. See Casson 2. Indicate Dismerce; and a Foundation services for the Copin services of the Copin services. FAUCONET; a piece of Copin services, whole Dismerce are he flower is a flower to copin services. Fault of the Copin services are the flower in the Copin services of the Copin services of the Copin services of the Copin services. Fault of the Copin services are services of the Copin services of the Copin services of the Copin services. Fault of the Copin services of the

erd the Floor of the Capitol; but that the Faviste pre-vented him.

Feftus, however, gives us a different Account of the Fa-Equas, mosever, gives us a different account of the Fa-ciple. According to that Author, they were Wells, or Pits of Water, near the Temples, and for the Use hereof: The fame with what the Greeker call of Osen-10, Navel, as being round, 50°. Gellini likewife gives them the Name of Offerent, as well as Feffut; but 'its apparently, for no other Reason, than that they bore a Relemblance thereto in figure.

to in figure.

In effect, the two Notions are pretty easily reconciled: It being certain, that the Treasuries of some of the antiest Greek Churches were Cisterns, or Recervoirs of Water, wherein People us'd to wash themselves, o're they en-

ter, wherein People us'd to water the control of Footifa, a Diminative of Footifa, feems form'd of Footifa, a Diminative of Footifa, in Antiquity. Featls celebrated by the FAUNALIA, in Antiquity. Featls celebrated by the FAUNALIA, in Antiquity. The of the Nones of FAUNADIA, in Antiquity. Featts celebrated by the Remeat, in honour of the God Faunts. See Franc.

The Faunalia were held on the Day of the Nones of December, i. o. on the fifth Day of that Month. The principal Sacrifice was a Roe-back; or rather, according to Heave, a Kid, attended with Libetions of Wine, and barning of Incende.

It was properly a Country Feftival; being perform'd in the Fields and Villagos with peculiar Joy and Dovotion. Horace gives us a very gay Description thereof, in the XVIIIth Ode of his 3^d Book.

-Teneor pleno cadit bedus anno Larga neo defunt Veneris fodali Vina Cratere, vetus ara multo Funtat adore.

Strucius, in his Roman Calendar, marks the Feast of Fannes on the Day of the Ides of February, which is the the gradient mounts and the remains no paces on the gradient of the gradient mounts and the gradient mounts and the gradient mounts are supported by Could, Faft. L. VI, v. 465 the other, on the gradient mounts are mentioned by Faft. L. VI, v. 465 the other, on the gradient mounts are mentioned by Farners, in the Place just cited.

The Deity Fannus, to whom the Solemnity was devoted, and from whom it was denominated, was the fame among

the Romans, with the Pan of the Greeks.

PAUNS, FAUNI, among the Antients, were a Species
of Demi-Gods, inhabiting the Forests; call'd also Silvans,

Sec SILVANS. The Faunt are reputed pure Roman Deities; unknown to the Greeks. They were represented as half Men, half Goats; having the Horns, Ears, Feet, and Tail of a Goat,

Odats; naving the Horns, Ears, Rect, and Lainer a Google a very flat Noie; and the reft buman. The Roman Faussit, we have observed, was the fine with the Greek Pan. Now, in the Poets, we find frequent Mention of Fauss and Panes in the plant Nomber; in all Fookshifts the first part of the plant Nomber; in all Probability therefore, the Fanns were the fame with the Panes. See PANES.

The Reason was, that there were several Faunius's and Pan's; the' all descended from one principal one. Thus Ovid:

Aut quas semides Dryodes; Faunique bicordes Numine contactes attonuere fuo.

The Romans call'd them Fauni, Ficarii, and Fauni Fi-

cavii.

The Denomination Ficavii was deriv'd, not from the Latin Ficus, ficis, a Fig. as fome have imagin'd; but from ficus, fici, a fort of fiethy Tumor, or Exercicence, growing on the Eyelids and other Parts of the Body; with

which the Faints were represented.

The the Faints were held for Demi-Gods 3 yet were they supposed to dye, after a long Life. Armoins themse, that their Father or Chief, Faints himself, only lived 120 Years

FAVOUR, in Commerce, \$\tilde{e}e Grace.
FAUSSE-brope, in Fortification, \$\tilde{e}e FAUSE brope.
FAUN, among Hunters, in a Buck, or Doc, of the first
Year; or the young one, of the Buck's Breed, in its first
Var-

FEALTY, an Oath, taken at the Admittance of every Tenant, to be true to the Lord, of whom he holds his

He that holds Land by this only Oath of Fealty, holds in the freeft manner; for all, even those that have Fee, hold per fidem & fiduciam, that is, by Fealty at the least. This Fealty is also used in other Nations; as in London-

dy, and Burgundy.

Indeed, as the very first Creation of this Tenure grew
from the Love of the Lord, towards his Followers; fo did
it bind the Tenant to Fidelity; as appears by the whole
Course of the Fends; and the Breach thereof is Lois of the

Hotoman, in his Commentaries De Verbis Fendalibus; fluws a double Featly 3 one General, to be perform if by every Subject to his Frince, the other Special, required only of fuch, as in respect of their Fee, are tied by this Oath towards their Landlords. We read of both in the Grand Customary of Normandy, &c.

Foster Special, is with us perform'd, either by Freemen,

or Villains

or Fullation.

The Form of both, fee Anne 17 Ed. 2. in these Words: When a Freeman shall do Fealey to his Lord, he shall hold he right Hand upon a Book, and shall sigh with Hard you, my Lord R. that J P. field he to you, but faithful and true, and shall one may Fealty to you, for the Land that I bold of you, on the Terms alligned. So help me GOD, and all his Statute.

and all bit Mattit.
When a Villish field of Featy to his Lord, he shall hold his right Hand over the Book, and siy that: Hear year, my Lord A. then J B. from this Dog forth, under you field he tree and faitiful, and shall ever you Featy, for the Land that I bodd of you in Falliancey, and shall be instifuted by you in 1804 of you have the hold of you have the hold of the hold

all bis Sainti.
Fealty is afailly mention'd as fynenomous, with Homage of but it differs from it.
Homage conflist in taking an Osth, when the Tenant comes to his Land; and is done but once; being an Obligation, which is permanent, and binds for ever swhich Fealty does not. See Homage.

FERST, or FESTIAL, a Church-Solemnity, or Kejoyc-ing, in Honour of God, or a Saint.

The Word is form'd of the Latin Feftum, which fome derive a feriorit, to keep Holiday. Others derive it from the Greek seas, which fignifies the fame Thing, and is form'd of site, Hearth, and Fefta. See FESTUM, and FE-

FEARTS, and the Ceremonies thereof, have made a great Part of the Religion of almost all Nations and Sects: Wit-ness those of the Greeks, Romans, Hebrews, Christians, and Mahometans

Feafts, among us, are either immoveable, or Moveable.
Immoveable Feasts, are those constantly celebrated on the fame Day of the Year: The principal are, Gbristmas-day,

or the Nativity 3, the Creamcifies, Epiphary, Caudicand, or the Partification 1 Lody Day, or the American, call die the Internation, and Canacting, 28th Scient, and Addition 1 Section 2 Section 2

See each Fugl ander in proper Arnists, NATIVITY, Uncercenture, EIPATRANT, G. d., He one confided to Monodio Flakars are those (of thefe the principal is Referent to the Confidence of the Confi

Topics, 150.

Sach allo are the Figlit, or Hiber, in Commemoration of the Dedication of particular Charchae, See Vice Co. of the Dedication of particular Charchae, See Vice Co. of the Theirica and Hences Sach were the Survaillar Corpains, Edwards, Normania, Confusia, Principal Confusia, Edwards, Normania, Confusia, Garginia, Lampini, Fernandia, First, Garginia, Lampini, Fernandia, First, Garginia, Lampini, Formania, Forman

the Deganalis, Feralis, Bacidanalia, Anderendia, Airabriata, Oncernating and divers others, parefealing between the parefealing properties of the properties

Islifd in thoic Days one end of their Feafit, or speak-ing Ceremonics, was to ferre the People to keep up the Remembrance of Things, in lieu of reading, and Books. The principal Feafit of the Years were, the Feafi of Transperts that of the Expiration; of Tabermalers, of the Dedication; of the Paffeor, and of Penteroft. See Feafi of Explaneos, Tabermanenze, Passoria, Ge-

Fold to Experience Annual Conference of the Conf Latin Version of Origen's Comment on Matthew, fy to Feaft. Ut veniens illus Tefus feftinet com Discipulis

In all Antiquity, both facred, and profane, Sacrifices were little more than religious Fraght. See Sacrifices. It has been often oblered by Authors, that there is no Nation in the World comes near the English, in the Magnificence of their Footh. Those made at our Corecustors, Installments, Confectations, &c. transcend the Belief of all Poreigners; and yet it is allow'd, that those now in use are no way comparable to those of our Foresathers.

The Persiant never discourse, and deliberate of their

off important Affairs, but in the middle of their Feafts. FEATHER, Plume, that Part in Birds, which covers nem; and by which they are enabled to fly. See Wine,

FLYING. See also BIRD.

FAYING. See also Birn.
Feathers make a confiderable Article in Commerce; per-ticularly those of the Officiel, Heron, Sectin, Patrick, Goolé, &c. For Tunnes, Ornaments of the Head, Elling Beds, writing Fens, &c. See Pruws, Quitt, &c. Some of our latent Naturalitis content for Feathers be-

Some of our latest Naturalities contend for Festbers be-ge a Species of Planns, as having the two great Charâckers of Vegerables, oins That they grows, and are not fentible. They add, that the Growth of Festbers in no performed with lefs Art or Apparatus, than that of Planns; and that they have all the Glintail, or characterifitiek Frats thereof, as a Root, Stem, Branches, and Leaves. See Planns: Others, take Featbers to be that on Birds, which Leaves

are on Trees. Sec LEAVES. Others feem to be nearer to Nature, in making Feathers to be what Hairs are on other Animals. See HAIR.

Others, will have Feathers a kind of Neophytes, or Plant-Animals; fuch as the Fatus is in the Womb. Accordingly, in Feathers, especially those of unfledged Birds, the Stem, or Quill, is found full of Blood; which argues, that there is fome umbelical Nodes, whereby the first Rudiment of the Feather was connected to the extreme Fibres, i.e. to the Veins and Arteries of the Bird-

In offect, Feathers feem only Productions and Expansi-

ons of the laft, extreme Fibrille of the Cutis; and hence, one of the lath, extreme territor of the Cultry and nence, upon fittinging of the Custs, the Foothers are likewise taken away 1 Jul, as the Leaves, and Fruit follow, upon pecling the Back off a Tree. Add, that Freshrer as well, as Hairs, arise out of Force in the Custs, which Force are some mere Aperators, or Forensians, but as kind of Vaginulia, worse more Aperators, or Forensians, but as kind of Vaginulia, when the Cust of the Fibres of the Skin; which terminate in the Occal or Anastheomics of the internal Fibros of the Factor.

Fourbry, Mr. Zurbam obleves, are a very commodium. Profit for the laddstant of the Art pace ofly a Gund Druft for the laddstant of the Art pace ofly a Gund lineding the Young, but nell commodium for Fights. To which period key are nicely placed over the lodge, to give an easy brilling; servey where, needly political, from that bridge period and deviced by an unflowed Marter, forester in a proper Ginal, and deposited in a Oil Jeg, since a case of a Filling, through the Artin as a Bose see cleared and derified, through the Wastern. Without deficiency of the Artin and the Artin as a Bose deficiency of the Artin and the Artin as a Bose deficiency of the Artin and the Artin and the Artin and deficiency of the Artin and the Artin and the Artin and deficiency of the Artin and the Artin and the Artin and deficiency of the Artin and the Artin and the Artin and deficiency of the Artin and the Artin and the Artin and deficiency of the Artin and the Artin and the Artin and definition to the Partings of the Body.

Artin and the Artin and the Artin and the Artin and device the Artin and the Artin and the Artin and device the Artin and the Artin and device the Artin and device the Artin and the Artin and device the device the Artin and device the device the Artin and device the Artin and device the Artin and Feathers, Mr. Derham observes, are a very commodious

Molif of the reathers tend backwates, and are away over each other in exalt Method, armfd with warm and foir Down next the Body; and more firongly made, as well as more curioulty local funct the Air, and Weather. To which Purpoic the Apparatus Nature has made, and the laffield fich has given them to press, or dest their Fea-thers, are admirable. See Farinsia.

The Mechanilm of the Feather's wonderful: The Sbuft,

The Mechanin of the Facher's wenderful: The Shiff, or Rh careful common but halos below, for Strongth or Rh careful common and the Rh careful common and the Rh careful common common and the Rh careful common comm

or commany trund with a pair of Sciffars.

Mr. Derboam has feveral new Obforvations on the Mochanism of the Vanes or Webs of the Feathers, as they prefer the therefores to the Microscope, by which the wonderful Care and Accuracy of the Creater in its small a Part,

fal Citre and Accessey of the Coroner to to final a Part, are excellently illustrated, one continued Memberses (Level and Coroner Coro

Lamine cloic to one another.

FRATHER Edg'd Boards and Planks, are those which are thicker on one fide, than on the other.

are thicker on one fide, than on the other.

FEATURE in a Horfit Fore-bad, &c. Is a Turning, or Parting of the Hair, which in fome refembles an Ear of Barky, and in others, a kind of Oellet-hole.

FEBRIFUGE, in Medicine, a specifick Remedy for the Cure of Fevers. See Favus.

The Weed is a Compound of Febris, and Fugo, I drive

The Quinquina, or Jefult's Bark, is the greateff, and fareff of all the Clais of Febrifuges. See QUINQUINA.

The little Consureum is fometimes allo call'd Febryfugum, on account of its Virtues. See CENTAVERUM.

The Chingle Ginfeng is particularly fam'd as a Febri-

fage. See Gineene, is particularly saint a see Peter For fach as cannot take the Bark in Subitance, Dr. Faller prekribes a Febrifage Enema, made of a Decection

thereon. The inner Bark of the Afh-tree, with a little Salt of Wormwood, taken like the Peruvian Bark, is faid to equal, or even exceeding as a Februage.

The like is faid of the Bark of the Elm near the Root. The Flowers of Sal Armonae free held an excellent.

Føjrejley, eipedally in intermitting Fevers. Cold Water fefur is or from fister, Faith: Others from fister, first, I handen handen med tender from the first of t some See WAYAM.

Mr. Removining, in the 11th Act Landsom, R. de Scienceri, for 1711, proposed as new Levelrogs, of his cost Discovery, has leaved to the cost of the cost Discovery and the leaves as the Landson and the leaves, the well as the Quinquina; over which it against the cost of the leaves of the leave

Deceafed

Macrobius tells us, that Sacrifices were here perform'd; and the last Offices pay'd the Shade of the Defunct. Saturn. L. I. c. 13. And from this Feast it was, that the Month of February took its Name.

stella, L. J. A., 2. 13. And from this result it was, une con-letted by the control of the control of the control of the control The Delign of thesis Sentifica is lone who control cross of 200 graphs, that they were performed, so render the instru-tion of the control of the has the fame Signification with Ferbait, or Efferbait; a might probably; likewile figality, to purity: For photors, in Arabic, denotes a Preparative, given to Women in Childdo, to bring away the After-birth, and other Impurities, remaining after Delivery: Mach as among the Remant, who gave the Name Februar to the Goddels Support of to prefide over the Delivery of Women. Outh Fight.

FECES, and FECAL Man Matter,

f Women. Outs. 2007.

See Sec MATTER.
FREAL MATTER.
colales, or Feriales, were publick FECIALES, FREIALES, or F

Officers among the antient Resums.

The Feetiles were a for of Hensile, or Kings at Armay, who, when the Remain had say Diffuse with their Keighsbers, were first, first, on demand the Thing percented to the season with the season of the season had say Diffuse with their Keighsbers, were first, first, or demand their Thing percented to be done. If an Antiere was not return'd by them, that was frinkfulty to the Feeder and the Season is they were distributed by the Finest and the season of the season of

mille in Reme; this their Ollice, which was repacted for of Secretisms, or Pricilhood, only needed with their Life; that their Perfoas were facted, and invisible, as their of hardren between the control of their perfoasing thei

ALLD. The Feelales went crown'd with Ferbena, Vervein, when they wan to declare Wars. Their Head was cover'd with a Veil, nor which the Crown was applied. In this Equipment they proceeded to the Frontiers of the new Enemy's Country, and Prices a boody Poars, or Javelin into the Earth, within the Prices are the Country, and they are the fortunation of the Country, and they are the fortunation of the Country, and they are the fortunation of the Country and the most applied to the Country and mala's us'd in fuch Declarations.

Felius derives the Word from ferio, I strike; as ferire feedus, signifies to conclude a Treaty: And accordingly, instead of Feeiales, he would have it wrote Fetiales. Others derive it from fadus, which was antiently wrote

This Subflance, or Sediment, they dry in the Sun; after having pour'd off the Liquors; and it forces for divers Remedics.

The Word Facula is a Diminutive of Faces.

FECULENT, or FRCULENT, is applied to the Blood; and other Humors, which abound in Faces, or Dregs; or and orner Humors, which absond in perces, or Deeps, or have not the proper and ulasi Degree of Parity.— FECUNDITY, or Facuunity, Fertility, or the Qua-lity of a thing, which demonitates it fruitful. The Feeumatry of divers Plane is very extraordinary.

M. Dodart has an express Treatife thereof in the Memoirs

M. Defarr has an expert Treatife thereof in the Memous of the Academy of Sciences. Computation, an Elin, one of the Academy of Sciences of Computation, an Elin, one of the Academy of Market at a moderate of the Academy of Market at a moderate of Which, if properly logical, would grow on Science of Market at the Court of in Life; it produces 3500000 Grains, in the Court of in Life; it produces 3500000 Grains, and He flows farther, that the fame Elin, by frequently sating arisin Head, few much to be break to reduce 158,0000000.

off its Head, &c. might be brought to produce 158400000000 Seeds; and that there are so many actually contain'd in it; fee PLANT

FEE, FEED, FEUDUM, FEODUM, or FIRE, an Effate, Land, Tenement, Lordfhip, or Right held of a faperior Lord, on condition of Fealty, Homage, or other Acknow-

The Term Fees is properly applied to Lands and Te-nements, which we hold in perpetual Right, on condition of an Acknowledgment of Superiority in a higher Lord. See

an Acknowledgment or compensation in a magnetic Travers.

The Writers on this Subject, divides all Landward Tenement, wherein a Man harts a perpecual Effect to him and hardware, and Frendam.

In the Man Subject of the Subject of Su

Acall'd Strovice, (se Service.

Fondam is that, which we hold by the Benefit of another, and for which we do Service, or pay Rent, or both, to the

chief Lord. Originally, a Fend was only an Effate for Life; and the Originally, a rene was only all bitace to a first, and only fach means, were brought to a stricter Discipline and Obedience to the Princes, and were bound to ferve them in Wars. See

The Origin of Fees is one of the darkeft, and most intricate Points in modern Hiftery ; Authors being exceedingly divided about it.

divided about it.

Some attribute the Invention thereof to the Lembard;

Others find forme Appearance of the Duties of a Vetfal to
his Lord, in the autient Relations between the Patron, and
his Client: And others look for its Rife in the Remass Be-

The Emperors, it feems, diffributed Lands among the The Emperors, it leams, diffibited Lands smoog the satient Legions, on condition of their holding, themlever ready at all Times, to take up Arms, in defence of the Frontiers of the Empire; which affords as a good Image enough of Fend; and in all Frobability, their first Origin was no otherwise? But in Process of Time their Nature was changed, and Duties were annex d to then, which origin. ally were not.

Die Meelin makes no Doubt, that these Distributions of Lands, call'd Benefices, were the first matter of Fess; for which reason he uses the Terms Benefice and Fend promiswhich reason he lies the Terms Wenefice and Fend promis-country as if they were the fame Thing: And yet, there was a good deal of Difference between them; as there was neither Feally, nor Homage, nor the other fended Rights annex4 to the Benefice; and as the Benefice was not here-distance. See Delivere.

ditary. See Benefice.

Probably, Benefices began then to be call'd Fends, when
they became hereditary; and when those, of whom the
Benefices were held, began to demand Fuith, or Fealty,

Benöfices were heed, peggar to use and from them. So: Franty.

This Realty focus to conflicte the Fer; the Word Fee to life, fightlying in the antient Norman Language, Faith.

There is no fixing the precife .Era, when their Changet commenced, Fer Feet, Inch as they now are, were not effabrication and the second of the commenced of the Feet, Inch as they now are, were not effabrication and the second of th

Lords, after the Destruction of the Roman Empire, Access, after the Detribetion of the Robbits Empire, having in feveral Parts sulgrid the Property of their Benefices, laid likewife hold of the Jarifdiction; and made their Validate their Subjects, for that each became a fort of perty Sovereign to his own Territory.

Meaning the Prince commence of ander the Principality of Charles

Martel.

Marries. High Capit; when he came to the Crown, was himfelf fo little dishistified, that he durit not reposite the Civary, the constant and th

the North of England, to prevent the focurfices of the Pitts; he fome time after, began to neglect the Defence Triss; an some time arrer, began to segret the Detector, and gave, as Lamprains affaires us, the Lands conquer'd from the Enemy, to his Captains and Soldiers, whom that Author calls Limitaries Duers; & Mittes, i. c. Captains and Soldiers of the Frontiers; but it was on this Condition, that their Heirs should continue in the Services Condition, that their Heirs flouid continue in the Servace, and that the Lands flouid never defeend to private Perfons, i.e. to fuch as did not bear Arms. That Prince's Realem was, that Reople, who in ferring defended their own, would ferre with a deal more Zeal, than others. Such was the Rile of Pers in our Nation, according to

Cambden. Britan. p. 651: Campaen. Brian. p. 651:
All our Lands in England (the Crown Land which is in
the King's own Hand, in right of his Crown excepted) is
in the Nature of Fende or Fee.

in the Nature of Fesse or Fee.

For the many have Land by Defcent from their Ancellors,
and others have bought Lands; yet cannot Land come to
any, either by Defcent, or Parchafe, but with the Bardon
thar was laid on him who had the Novel Fee, or who first received it as a Benefice from his Lord to him, and fuch as fhould defeend from him, or to whom it should be otherwise convey'd and transfer'd; so that no Man has direction Do-

convey d and transfer'd, 10 that no Man has derellam Zhomisimi, i.e. the very Property or Demain in a ny Land, but the Prince, in right of his Crown, Gamb, Britan, p. 93.

Tho he who has Fee, has Type feetgemay, and unite Dominium, yet be owes a Daty for it; so that he is not Rielly his row. Indeed, as much is imported by the Terms in which we expect our highest Right in Lands, 66: the most he can like, is, I am field of First Lands, in my Diemothe can like, is, I am field of First Lands, in my Diemothe can like the second of the can be seen to the can be se

molt he can lay, us, 1 cm yere a oy 1 etc. Lettus, us my 2ec-minist, as of Fee. Hen. 3. cap. 16. Fee is also us'd for Lands twelfed in the Crown, but 'us from Ignomace of the Im-pert of the Word; for Fee cannot be without Fealty furor o a Superior. Dut the King owns Fealty to no Superior,

The Words Fee, Fend, or Fief, are deriv'd by some Au there from fedsis, as arising from Treaty, or Alliance, made with the Lord: Others, as Cajas, &c. fetch them from fides, on account of the Faith the Person is oblig'd to bear his Lord : Others derive them from the Saxon Feb, Hire, Wages, q. d. Status beneficiarius.

Bodin takes the Latin Fedom to be form'd by Abbreviation of the initial Letters of Fidelis Ero Domino Vero Meo, which is an antient Formula of Fealty and Homage. Ni-cod derives it from the German Feld, which fignifies the oud derives it hom the German Field, which Együffes the finner Thing; Hierants from Field, a German Word, Eg-nisying West; "Patternets from the Disafth Field, Milita's Options from the Mangaian Field, Isada'; Others from John Williams, "Disagnation Field, Isada'; Others from santherist", who beings it from the Stone Field, Spiendlium, the Fie bring a kind of Peterda to the yeap, and accord-laryly we find, that in anticar Times it was will die the Wage, and Appointment of Olicers. For in dvided in our Laws, time Fie adolfure, call'd slide Fre Simple; and For Gundrinent, dals call'd Fee Fall.

FEE-Simple, Fendum Simpless, is that, whereof we are

feiz'd to us and our Heirs, for ever Fr.E. Tail, Fendum talianm, is that, whereof we are feiz'd with Limitation to us and the Heirs of our Bodg.

Fee-Tail is of two kinds, General, and Special.

Fee-Tail general is, where Land is given to a Man, and
the Heirs of his Body; so that if a Man seiz'd of such Land by fach Gift, marry one, or more Wives, and have no If-fac by them, and at length marry another, by whom he hath Iffac; this lifac shall inherit the Land.

hath liftee; this liftee thall inherit the Land.

*Re-Tail facial is, where a Mnn and his Wife are fein'd
of Lands to them, and the Heirs of their two Bodies; becarafe in this Cate, the Wife dying without liftee, and he
marrying another, by whom he hath liftee; this liftee cannot inherit the Land, it being especially given to fach

This Fee-Tail special has its Origin from the Stat. of Wiftin. 2. 646. 1. Before that Statute, all Land given to a Man, and his Heirs, either General, or Special, was reputed in the nature of a Fee; and therefore to firmly held to him, that, any Limitation notwithstanding, he might

allenate it at pleafure. For Redrefs of which Inconveni-ence, the Statute provides, that if a Man give Lands in Fee, limiting the Heirs to whom it fhall deleend, with a Reverfion to himfelf, and his Heirs for Default of luch for-iner Heirs; that the Ferm and Meaning of the Gift shall headford? be observ'd .-

Fix is also as'd for the Compass or Circuit of a Manor, or Lordship. Thus Braston, in eadem Villa; & de ecdent

Also for a perpetual Right Incorporeal; as to have the keeping of Persons in Fee: Rent granted in Fee: an Office held in Fee, &c.

heid in Fee, occ.

Laftly, Fee fill fignifies a Reward, or ordinary Due,
given a Perion for the Execution of his Office, or the Performance of his Part, in his reflective Art or Science. Thus,
the Lawre, and Phytician, are fail to have their Fee;
i. c. Confiderations for the Pains taken with the Cilent, or Patient. A Barrifter, or Physician, are fapped to re-ceive their Fres from time to time, as their Service is per-form'd: They cannot make a Bill.

FEE Farm, or Fee Ferm, Feudi-firma, for Expectany, figuifies Lands holden to a Man and his Helis for ever, un-

der Rent.

Fee-Farm arises, when the Lord upon Creation of the Tenancy referves to himfelf, and his Heirs, either the Rent for which it was before let to Farm, or at least a fourth Part of the Rent; and that without Homage, Fealty, or other Services more than are especially comprized in the Feoffment

The, by Hiz-berbert, it appears that the third Part of the Value may be appointed for the Rent, or the finding of a Chaplain, to fay Divine Service, ye. And the Nature of it is this, that if the Rent be behind, and anpaid for the Space of two Xears, then the Feoffer or bit Heirs have Action, to recover the Lands as their Demeans. See

Farm are also cettled Perquisites, or Allowances, paid to Pablick Officers, by Persons who have Basiness with them. The Smallness of the Salaries of divers of the Oneens Servants, is compensated by the Perquisites, or Fees of Ho-

The Fees paid to the feveral Officers by every Perfox, upon his being knighted, amount to 781. 151. 4.4. And if it is done within the Verge of the Courts, there is three Pound more to the fix Pages of the Bed-Chamber, which

a vocate motor to the air Fages of the Dec-Lummer, which brings it to 81th. FEELING, or Tourbing, one of the external Scales, whereby we get the Ideas of fold, hard, fift, rongle, key, cold, west, dry, or other rangible Qualifices as also of Di-france, Trillation, Belong, Pain, &c. See Sanses, Soline,

hauer, Welliatta, Betrang, Tatin, etc. See Seesang-Leville, Paris, Carlo, Seesang-Leville, ING, HEARING, &c.

Naturalists are divided as to the Organ, or Instrument of

Feding.

Arighite taken this Senfe to refide in the Fiells, quateran Fielts, instinach and Fields, is, in form mediate capable of Fields, and Fields, is, in form mediate capable of Fields and Fields, and Fields, from the law near rowns Heroe, which exceed its the Sellin, Fields, Madkes, Membennes, and Pirzuchyma's Others retirals is to the Skin, or Cartig is being believed; that sould be the sentence of the Senfe of Sen

ous; and others the medullary Part, derived from the

Malpighi, and after him, all our latest, and best Authors, hold the immediate Organ of the Senie of Feeling, to be

hald the immediate Organ of the State of Feeling, to be the pyramidal Flyllin same the Shin.

Thefe Flyllin are Britis, for, palpons, medality, network Pennincase, hold over when the modelate water which in order heren, first lay afide their outer Membrane, and are left exceedingly first, and families are contained by modified by a thin, which Humers and only order to be supported by the state of the stat

Facion, then, is thus effected: The Tip of the Engargraphy that Intention of the Mind, the Papilla one emitted
go that Intention of the Mind, the Papilla one emitted
or closested and being lightly rebbb over the Surface of
the Objects Minds in the Papilla one over the Surface of
the Objects Minds in the Minds of them, which being
when, to the common Sender, excites the Ferception of
Heat, Oids, Hindrads, or the Bid. See Syssaxvior.

Legisla becomes their, so the Bid. See Syssaxvior.

Capitale becomes their, hard, callous, or citartized, Etc the
byte the Objects of the Minds of the

CALLEN, TORRIDO, and NAIL.

Facing is, on many Accounts, the moil université of our soule. The principal in the principal in

Colours by their Feeling; and of others, who could perceive what People faid, by the fame Senfe. See Colour, and

PRAYMEN.
FEINT; in Musick, a Semi-tone; the fame with what
we also call Diefis. See Drass.
France, in Retorick, A Figure whereby the Speaker
touches on some thing, in making a Shew of patting it over
in Silence. The Latin call it Pretermiss. See Trates-

MISSION.

MISSION.
FEINT, in Fencing, a fails Attack, or a Shew of making a Stroke, or Fulh in one Fart, with Deliga to bring the greatest properties of the propertie

t filtring the Foot, &c.
FELAPTON, in Logick, one of the Moods of Syllo-

gilms. Sec Moon.

In a Syllogifm, in Felapton, the first Proposition is an siverfal Negative; the second, an universal Affirmative;

univerial Negative; the fecond, an univerial Affirmative; and the third, a particular Negative. See SYLLOGISM.
FELLING of Timber, foe Timber, for Timber, FELLOWS, in Portification, are fix pieces of Wood, each of which form an Arch of a Circle; and these joyed all together by Duledges, make an entire Circle; which with parely Sopules, make the Wheel of a Geni-Carriage.

Now CARLAGE.

Their Thickness is sistly the Diameter of the Ball of the Gan they ferre for, and their Breadth isomething more. FELLOWSHIP, Company, or Partnerspley, in Arithmetical, No. Rate of gree Owners of Shipe, where a Number of Perfors parting together a general Stock; it is required to give every one his propertional Share of the Last, or Gain.

The Golden Rule feveral times repeated, is the Bafis of The Golden Kale kveralt times repeated, at the Balase's Glettensky, a net fully andress all Oretimos of that Kind!. For, as the whole Stock is to the Total thereby gaind, or folds to each Man particular Stare, is to his proper Share of Lofs, or Gain. Wherefore, the feveral Sams of Money of Core, are the Core of Lofs of the Golden Core, and the Colden Core, and the Rule to be wrought to many times, as there are Partners.

There are two Cafes of this Rule; the one Without, the

other With Time.

Fricowship evitions Time, is where the Quartity of Stock, contributed by each Person, is alone considered a without any particular regard to the Length of Time, that may of their Monies were employed. An Example will make this Process cafy.

A. B. and C. freight a Ship with 212 Tun of Wine;
A. haying out 1342 I. B. 1178 I. and C. 650 I. towards the
fame: The whole Cargo is fold at 32 I. per Tun. Query,
what shall each Person receive?

Find the whole Produce of the Wine, by multiplying 11a by 22, which yields 6784: Then, adding together the leveral Stocks, 1342, 1178, and 630, which make 3150, the Work will fland that:

\$150: 6784 1178 - 2537 630 - 1356 Proof 2150

FELLOWSHIP wish Time, is, where the Time, wherein the Monoy, Sc. was employed, enters into the Account. An Example will make it clear.

A. B. C. commence a Partnership the first of January, for a whole Year. As the fines Day distorted took whereast be recived back again on the first of January, and the state of the state

an au roso h of A's Contribution. For E'. 60 into 10, gives 600; and rec into 5, 500; in all troch for E'. For C, 140 into 3, gives 400 and rec into 5, is 300 in all yet. for C. Now, 1000-11100-1, 2000-11840 for the common Antecedent; and the Gain 142, is for the general Confequent: Then the Rule will finand thus:

Proof 2840 FELO-de-fee, is he, that commits Felony, by willingly

killing himfelf.
The Saxons call'd him Self-bone. See Suscime.

I no Saxwar caird him Self-base. See Svicins.

He is to be interr'd without chritian Barial, with a Stake
driven through his Corps; and to forfoit his Goods.

FELONY, was antiently used for a violent and injurious
Adion of a Vaffal, or Tenant against his Lord.

In which Senfe, Felony was equivalent to petty Treasons or it was a Grime next below High Treason. The Crime of Felony inported Confiscation of the Fee, to the Profit of the

Lord. The fame Term Felons, is applied to an Injury of the Lord to his Vaffal; which imports a Porfeiture of the Ho-mage and Service thereof, and make it revert to the Severalgn.

mage and Service rhercoff, and make it revert to the Sorterlagh. Fidelity, and Felowy are recipiocal between the Lord and the Vaffal. See Loan. Memage derives the Word from Felomia, form'd of felo, or fills, which occurs in the Capitulaires of Charlet the Bald, and is ignored to come from the German Felowa, or Saxon Felow, to fill, or be delinquent. Others derive it from the Marharous Latin Filmin.

it trom the barbarous Latin Pilanta.

My Lord Cake, Nicod, &c. derive it a felle, Gall, as being fuppos'd to be done malleloufly. Latily, others derive it from the Greek σέλειν, to deceive.

FELONY, in Common Law, is an Office enext below that of Petty-Treason.

Felony includes several Species of Crimes, whose Punish-

recony includes leveral Species of Crimes, whose raininent is the fame, eve. Death: Such as Murther, Theft, Svicide, Sudomy, Rape, within Environ of House, receiving of Holen Goods, and divers others found in the Statutes, which are daily making Crimes Feloxy, that were not fobseron.

before.

Felony is eafily diffieguish'd from Troußen. See Treason.

From leffer Crimes, it is diffinguish'd by this, that its

Pundifinent is Death; tho no univerfally: For Fert Marceny, i.e. flealing of a thing, under the Value of its d. is

Felony, according to Brook; tho' the Crime be not capital,

but only a Loss of Goods. The Reason Brook gives for its being Felony, is that the

Till the Reign of Henry i. Felonies were punish'd by pe-cuniary Fines: That Prince first order'd Felonis to be hang'd,

canhay Fines: 'That Frince frifteeder'd Felius to be hangel, short the Year McMad's The one highest, which for the first time is entired to the Benefit of Clergy as Manfagare, See Mans, Lavoursa. The other is not to start Felius is all possible that Jose of all Landscreen in the Lavoursa and the Company of the Company of the Company of the Company of the Grantes make a Difference in from Colle, concerning Landst as appears by Seut. 31 Men. See 1980, and the Peliny confinently works Correption of Elocal, such that the Company of the Company

Statute, ordaining the Offence to be Felony, provide other-

ife; as the Stat. 39 Elie. c. 17. See FURCA. FELT, a kind of Stuff, either of Wool alone, or of Wool and Hair, neither fipun, rostd, nor wore, but deriving all its Conflictne from its being wrought, and full with Lees and Size, and afterwards fathioned on a Block or Mould, by help of Fire and Water.

Left Lamba and Ch.

Caffor's, Camels, and Coneys Hair: Lambs and Sheeps Wool, J. are the most usual ingredients of Felts: And Hats of all kinds, are the Works, they are chiefly employed in.

The *Felt* intended for a Hat, being fulficiently full'd, and prepar'd, is reduc'd into one Piece, formewhat in the figure of a large Funnel: In which State it remains ready, to be on a large Fanuari in where Steeler is remained ready, to be pur lino form, and become a Hat. See Hart-FELUCCA, or FREUCCO, a little Veffel, which fax Oars, hot covered over; and much wild in the Mediterranean. It may bear its Helm on both Sidess which is likewise failted from boiling, forewards occasionally. Its Size is about equal

to that of a Sloop, or Chaloup. See Boat.

The Word is form'd from the Arabick Felicon, a Ship-FEMALE, the Sex that conceives, and bears Fruit. See

SEX, and WOMAN.

SIK, and WOMAN.

An Animal that generates in it felf, is called Female; and that which generates in another, Male. See Male.

The Female both in Quadrapeds, and even Birda, is deally finaller, and weaker than the Male; the 'in Birds of Prey, as the Falcon, Hawk, Efe. it is otherwise; the Female being bigger, stronger, buller, hardier, and more courageous.

The like is observ'd in most Infects, particularly Spiders; to that Degree, that Mr. Homberg affaires us, he has weigh d five or fix Male Garden-Spiders against one Female of the fame Species.

For the Proportion of Males to Frmanes, fee Marriage, ятня, &c. Naturalists diffinguish Male and Female Plants; Male and Female Flowers, &c. See Plant, Flowers, Genz-

RATION, Se.

FEMALE Screw. See Screw. FEME Covert, in Law, a married Woman; who is also faid to be under Covert Baron. See Covert. FEMININE, in Grammar, one of the Genders of Nouns.

See GENDER.

FEMINNS, in Usermants, one of the Genecies of some state of the property of the Control of the Control of the The Feminine Genetic is that, which denotes the Names to belong to a Femilie. In the Latin, the Femilies Genetic particularly by Antonia of the Control of the Control particularly by Antonia of the Control of the Control Journe quants, a pixel Mean, or that Manage and In Femilies, a thirt Wenning, think Manage is In Femilies, the Femilies of Conder is expected, one by a third than the Control of the In English, we are generally more first, and expect the Difference of Ser. and by different Termination, are by Terminates in from the by variety the Termination of the Fourth of the Control of the Control of the Control of the Pentrum. Relimit, for Russian Ser. Pentrums. Relimit, for Russian, in Austrony, the Thigh-bone.

FEMUR, or Os FEMORIS, in Anatomy, the Thigh-bone.

See Bonz, and THIGH.

See Boxs, and Tirron.

The Fourn's the larged and firenged Bose in the Body, and its Articulations are proportion'd to its Bulk, and Strength. In a proper Part is justice with the Efeitam, Storength. In appear Part is justice with the Efeitam, Storength. In a product of the Collision of the Fourn's bulg record lates a Civity of the Editions of the Fourn's Bodge. The bower Edit is articulated with the Thisky Gingliams; tree Heads of the Fourness Large with the Thisky Bodge a Cavity Serucca the two Heads, which receives a Process of the Thisky Bodge of the Thisky.

of the 100a.

The Form' is pretty much incurvated, or bent; the convex Part being before, and the Concave behind. It is divided into three Parts; the upper, middle, and lower.

The upper, confifts of a Head, and a Necks in which are containd three Epiphysics, the Extremity, or Head, which is round, and lug, and received into the Acces belam. which is found, and ung, and received into the Accessoration of the Coxendita, wherein it is ited by two Ligaments; the one from the Head, and the other from the Bottom of the Accessoration, but both intered into the Middle of the Head. Immediately under the Head, is the Neck, which is finall long, and a little goal, and all the final to the Head. Immension where the Jan and makes an Angle with the Body of the Bone; by means whereof the Tingbs and Fect are kept at a due Diffance from each other, to make Feet are kept at a due Diffance from each other, to make our Standing the firmer; Bedde that the Obliquity of the control standing the firmer; Bedde that the Obliquity of the cherical state of the Standard Stan

the Infertion of Muscles.

the Intertion of Matches.

The lower Part of the Fentur is divided by a Sinus in the Middle, into two Heads, or Apophysics, call'd Conditi, which make the Ginglymas above mention dis being both received into the Sinus of the Tibia. Scourness. Between the hind Parts of thefe Heads is a Space for the Pastage of the great Veitics and Nervex, which go to the Leg.

The Fermer has a very large Cavity, ranning its whole Length, filled, like the refl, with Marrow. The Carvity of the Fenure makes it ferve as a Batterfs to the Body, to pervent its failing, or bearing too much forward.

Surgessa and Bene-Setters should take Care, that in

fractures of the Fenner they don't endeavour to let it fireight, which is annatural. which is unnagaral.

Monf. Drawnis derives the Word Feming from fero, by reafon it bears the whole Weight of the Body.—
FEN, in Geography, a kind of Lake, orrather, Morais,
See Lake, and Monais.

First are of two Kinds: The first of a Boggy Confishence, composed of Water and Earth intermixed; starce firm enough to fastain the Tread of a Man. See Boo, and

The second are Ponds, or Collections of Waters, with

face thereof The former kind neither receive, nor emit any River: But the latter are frequently the Heads or Springs of Ri-vers: Such is the Head of the Nile, Tancis, &c.

FENCE-Month (Menfis probibitionis, or Menfis cetitus) is a Month, wherein the female Deer do fawo; for which Reason it is anniawful to hant in the Foreft, during that Time. It begins fifteen Days before Midfammer, and ends fif-

If Degliss fifteen 123% Detore Maintenamer, and caus mi-teen Days affer; ju all, thirty Days.

There are also certain Fence, or Defence Months, or Sea-fons for Fish, as well as wild Beafts; as appears by Stat.

Westm. 2. cap. 13. in these Words:

Wigthers. 269-12. In their Words:
All Waters, where Simens are taken, fluil be in Defrace for taking of Schmen, from the Naristry of our Lady,
uses the Advertise Day. And likewise, young Schmen
of Agric, to the Naristry of St. John Baptil, Scc. Sec
1-Sprin, Tones Naristry, Gr. Schmen, Schmen,
Takers, Forstrass, Rantro, Scf.
Parker Field, are Walls of Berk, or Steen, made round
ENKOMO, the Ant O'Defrace, you of sing the Swoot,
to wound an Eachy, and fluiter one's fell from his Articals.
Sorwers, and Gran.
Frenting is cone for the Naristric Islamin in the Academia,
University is the Naristric Schmen of the Naristric Schmen.

Fencing is learnt by practifing with Files, called in Latin, Rudes; whence Fencing is called Gladiatura rudiaria. See GLADIATOR

GLADIATOR.

Pyrard affares, that the Art of Fencing is to highly effected in the Eigh Indies, that none but Princes and Noblemen are allowed to reach it. They warra Badge or Cognizance on their right Arms, called in their Languago Elfare, which is put on with great Ceremony, like the Badges of our Orders of Knighthood, by the Kings them.

Moutaign affares us, that when he was a Youth, the No-bility all fhanned the Reputation of being good Fencers; as fornething too fabtle, and defigning, and are to corrapt virtuous Manners. Fencing is divided into two Parts, Simple, and Compound.

pound. Simple is, what is performed directly and nimbly, on the fame Line; and is either Offenive, or Defenive. The principal Object of the first, is whatever may be attempted, in publish or passing from this or that Point, to the melt uncovered Part of the Enemy. The feecad, confils in parrying, and repelling the Thrutts aimed by the

Enemy

Encomy.

The Constount, on the offenfive Side, includes all the possible fart and inventions, no deceive the Enemy, and make their laws that fare we have a Diegion, a bier, and the laws that the second of the property of the Imple Tay, come at by force, nor by the Agilty of the Imple Tay, come at by trace, and by the Agilty of the Imple Tay, and the property of the Imple Tay, and the property of the Imple Tay, and the Imple Tay

Hence the Phrafe, Fending the Heat, &c. Hence also F FENDERS, any Picces of old Cabic Ropes, or Billets of Wood, hang over the Ship's Side, to fend or keep other Ships from rabbing against her. Earns have the like.——

FENDUE on Pal, in Heraldry, a French Phrate, ap-plied to a Cross, to denote it cloven down from Top to Bottom, and the Paris fet at fome Diffance from one another.

Bottom, and the Parts tet at fome Diffusor from one another. FINNETERA, in Ansomy, a Name applied to two Holts, or Apertures in the inner Ear. See Eas. The Findfar are two Openiuse in the Labyrinth; the first of them included by the Batis of the Stapes, and from its owal Figure decommence Penefits evolut; the latter, call of remains, is dued with a transfer transparent Members, pixel at latter within the Outface of its Aperture.

These Fenglese, with the whole Labyrinth, are comperbonded in that Part of the Os temporum, properly called mis Hardness festiglians. Soc. LATRAINING, Ed. Genglih, First Sch. As the Comperce of the Section of a freeding that one Selec, and roundin on the other 5 of a freeding that one selection that of Asia Seed, being the Produce of an ambellistness Plant of the Same Name, well

known as a Pot-herb.

Fennel makes part of the Commerce of the Druggifts and

Femal makes part of the Commerce of the Druggifis and Appticaries. This elitom'd a Carminative, and will like Jails Edot, to dilipell Winds in the Bodys; and correct Bennis. There is allo a Brong Water, or Frandry made of the Seeds of Femal, and call'd Femal-Harer. The Ingradients are Femal Ben, Liquories, Brandy, and white Wice, which are dillibil to opether; and to the Hiftene thereof are added printing of the Bennis and the British of the Working and grained, getting, Gager, and frocet Almonds: The whole grained, getting, Gager, and frocet Almonds: The whole

Spirit or wine, Sugar, and Gweet Almonds: The whole firsted, &G.

FEN UGREE, Feurim Greevin, or Feurigreek, and cheinal Plant, thus call'd, because famined by freught from Greece, the now cultivated in feveral Partie of Europe.

Le Stem is about a Foot high: the Leaves fimil, and difpard formewhat like thole of Trefoil. It yields a little white Flower, from whence arifes a long, pointed Pod, fhap'd not unlike a Bullocks Hom.

The Grain, or Seed is inclosed in this Pod, which hears the Name of the Plant it felf, is left than Multard Seed, very hard, and folid, of a triangular Form, and a firong difand tolid, of a triangular Form, and a trong dis-able Smell: When new, 'tis of a yellow, gold Colour;

but when kept, ruddy, or brown.

The Farina, or Flower of these Seeds is efferm'd good to ripen and digest; and as such, is used in Cataplasius of those Intentions; as also in emollient Clysters, Decections, and Cataplaims.

It yields a Mucilage used in Inflammations of the Eyes and on other Occasions.

FEODARY, FRUDARY, or FRUDATARY, was an Of-ficer, antiently made and authorized by the Matter of the Court of Wards, See WARD. Court of Wards. See Ward.

His Office was, to be prefent with the Efchester, at the
finding any Office, and to give Evidence for the King,
concerning the Tenure and the Value thereof; To furrey
the Land of the Ward after the Office found, and rare it.
He allo affigind the Kings Widows their Dowers, and received, the Rents of Wards Lands. This Office is taken

RWRY by Stat. 12 Car. 2.
FEODER, a Capital Measure for Liquids, used throughout
Germany. See Mr. ASPRI.

FEODUM, or FEUDUM, the fame with Fief, or Fee. Sec FEE. FEOFFMENT, in Common Law, fignifies any Gift, or FRUPFAINT, in Common Law, figuifies any Gift, or fram of any Honours, Caffles, Manes, Meflagges, Lands, or other corporeal or immoveshib Things of like nature, unmo another in Fee famile, that is, to him, and to his Heirs for ever, by the Delivery of Selfin, and the Poffeffion of the Thing given; whether the Gift be made by Deed, or Witting. When it is in Writing, it is called the Deed of Fooff-

In every Feeffment, the Giver is called the Feeffer, or Feoffator.

The proper Difference between a Feeffer, and a Donor, is, that the Feeffer gives in Fee simple; and the Donor in Fee-tail. See Donor, and FEE.

FERALIA, in Antiquity, a Feast held by the Romans, a the 21" of February, in honour of the Dead. See

Frans. Macrobius, Satura, L. I. c. 2: refers the Origin of the Coccessory to Nisma Prompillus. Orid, in his Pathi, goed to the Coccessory to Nisma Prompillus. Orid, in his Pathi, goed the the Day, a Sacrifice was performed to the Goddefe Mate, or Damb and that the Perfons who officiated, were said Wennar, attended with a Number of young Giris. Parve derives the Word from higher, or from free; on the Control of the Word of the Nisma Pathia Pathia

account of a Reputi, carried to the Sepalchers of fach, as the list Offices were that Day render? I have been seen to Fuffus derives it from ferie, on account of the Victims facificed. Voffius observes, that the Romaus called Death fera, cruel, and that the Word Feralia might arise thence.



FER de Fourchette, in Heraldry, Croix a Fer de Fourchette is a Crois, having a forked Iron at each End, like that formerly us'd by Soldiers, to rest their Muskets; by which it is diffinguish'd from the Cross Fourchee; the Ends whereof turn forked, whereas in this, the Fork is fix'd on the square End; as in the adjoining FER de Mouliu, q. d. Iron of the Mill, is a Bearing in Horaldry of the Figure adjoining. It repredens the Iron-Ink, or Ink of a Mill, which fullains the moving Mill-drone.

which futtains the moving Mill-tene.
There are divers ways of bearing it: The most find its that here sepreferred.

It is born by the Name of Everathem, and also by the Name of Turner.

FERD-wir, in our antient Cassems, A Formulary, by which the King pardoned Mansitasphere, committeed in the

The Word is form'd of the Saxon Fird, Army, and Wite; FERENTARII, or FERENDARII, & Term in Hiftory-

The Ferentarii among the Romans, were auxiliary Troops, lightly arm'd, their Arms being a Sword, Arrows, and a Sling; which are much less cambersome, than a Buckler;

Sling; which are much lets cambertome, tust Battle-ax, Pike, 456.

The Name Ferentarii was derived a ferendo ausiilio; thefe being auxiliary Forces: The Varre thicks, they might be so called, by reason, the Sling and Stones feruntur;

We have allo Mention of another fort of Freemarii, whole Bufines was, to carry Arms after the Armies, and to be ready to lapply the Soddiers therewith in Battle.

Lydius after the fame Ferentarii for the Cataphracti E-

i. c. Cavaliers, arm'd Cap-a-pec. FERLE, among the Romans, were Holidays; or Days
wherein they abitain'd from Work.

wherein they ablaind from Work.

The Forts of Ulif prints, were other than distinguistly.

The Forts of Ulif prints, were other than distinguistly of the Control of Ulifornia of Ulifornia

SCC SAEBATH.

The Romans had divers kinds of Ferie: Their Names; at leaft the principal theceof, are, The Æfivades, Summer-Feries, Amuresfarie, Amircelary Feries, Compitalities, Ferie of the Sucus, and Compite, or Crolsways, Concep-tices, Votive Feries, which the Magifictuse promised detise, votive Evis, which the Magilitares promist & every Xear Zheitzeles, for the Explants on a Pamily polluted by the Death of any one, Imperative, or Indicline, thole de-cored by the Magilitare, Latine, the Latin Freis, infli-tuted by Yaryum the Proad, for all the Latin People, as mounting to above fifty Nations; being colebrated on M. Alba, in Memory of the Peace, concluded by Yaryum, with the People of Latinus, Mafils Kerke, the Ferie of Harvells, Albe, in Momeny of the Penes, concluded by Termyin, with the Foreign of Linearing, Alfaffi Foreign before Foreign of Histories, the Foreign of Linearing, Alfaffi Foreign before Foreign of Histories, and the Policy of Linearing, Alfaffi Foreign beforeign of the Policy of Server of the Foreign Personage, or Foreign of Policy of the Control, the Village of Foreign of the Policy of the Control, Albania, Philips Control, Foreign of Server, the Copy continuity of the Policy of the Policy of the Control, Albania, Philips Control, Foreign of Martine, Philips of Policy of Martine, Philips of Policy of Martine, Philips of Policy of Martine, Philips of Children, Valuation Foreign of Children, White Children, and Children,

Fig. 15 thill retail of in the Remifb Breviery, the' in a Senie formowhat different from the Ferie of the Antenss. It is applied to the feveral Days of the Week, beginning with Sundsy, provided none of thoic Days be a Fesh, or Fait Day. Thus, Monday is the fecced Feria, Taylory the third, &c.

the third, etc.
Those are the ordinary Ferrie; befide which they have
extractionary, or genetic Ferrie, one, the three list Days of
Polition Work; he too Days following Estater Days, and
Whitmostly; and the focod Perris of Magnitude
Whitmostly; and the focod Perris of Magnitude
Whitmostly; and the focod Perris of Magnitude
theoremselve the form the antient Ferrie. a Days of Ref. Accordingly, some
days in the first Ferrie. a Day of Ref. Accordingly, some
days in the first Ferrie. They article the Days of Enter
Work were recounted Perlind Days by a Dectroe of Genflamine; whence those feven Days were called Ferrie: Sun-

day being the first, Monday the second, &c. And this Week being then accounted the first of the Ecclefiastical Year; they afterwards accustom'd themselves, to call the Days of the other Weeks after the fame manner, first, second, third, &c. Ferie.

Tho' others will have it, that the Days of the Week were Two omes will have it, that the Days of the Weck were not called Frie, from relling the People, that is, on account of being oblight to ablish from ferrite Wecks a but to advertife the Fatholi, that they ought to ablish from S.M. Sc. Dormont. Of Jiv. L. FIII. 1.

FERN. 29.99. Dies ferritst, or Frie, among the Astron. Supply the Company of the People of the People

Pleading. Sec FERIE. But in the Stat. 27 Hen. 6. c. 5. and in Fortelen. De Lan-

The best of the Sut. 1 Men. 6. c, and in Ferricin, De Lan-dins I.L. Anglie, Ferril Days on them, for working Days. S. Sindyer ordained—Salent & Deminist due anime re-terent, relique behanded des Senten, relique behanded Senten, relique behanded des Senten, relique behanded Senten, relique behanded des Senten Senten, relique behanded Senten spilot on sunder, pordones a Permentation thereint On, my thing capable of exciting on interliet Motion, in the Pert of canother, and of feeding, or delitang the lane, by menso die more potentralig and movember of the senten pert of canother, and of feeding, or delitang the fame, by Senten Senten

by their rightation white and agreed to Sec Francis Artists.

Thus, the Acid in Leven, is a Ferment, which makes Bread rile, or fwell. The Moillure in Hay is the Ferment, which heats and makes it finosh. Thus also, Remet is the Ferment, that curdles and breaks Milk: Balm, or Yeaff is the Ferment, that see Wort a-working, Sec. Sec.

LEVEN. Ec.

The Force or Effect of a Forment, arises bence, that by dis-In the Force or Effect of a Ferment, ariles bence, that by dif-lolving, and breaking the Texture or Combination of the component Parts or Principles of the Body, and giving them a new Motion; it dispoise them to take a new Arrangement, or to combine again in a new manner; and for conditions a new Species of Body. Its Effect is somewhat like that of a Dates, who comping the Canada of the late in the Texture of the conditions of the conditio Perfon, who opening the Gates of a City, lets in the Ene-my, who from raifes terrible Diforders: Thus, the Pite of my, who feon raifes terrible Diforders: Thus, the Bite of a mad Dog excites a flow Fermensation in the Blood, whereby the divers Liquors, or Macters it conflict of, led that Nexus, or Union, necessary to a State of Health; and eccasion an Irregularity in the Spirits, from which arife the Horrors, and other Symptoms of the Diffcase. See Hr-

NAOVIOLA.

One was of accounting for Digettion, is by furpoding a certain Fernment or Mentiteum in the Stomach, which distinct the Food contain it therein. But what this Fernment of the Containing the DEOPHOBIA.

d MENSTRUUM.
FERMENTARII, or FERMENTACES, a Denomination those of the Latin Church have given to the Greeks, on ac-count of their confecrating and using leven'd, or fermented

Bread in the Eucharift.

Brean in the Fuscianiti.

As the Greek call the Latins Asymites, the Latins, in return, call them Fermentarii. See Anymus. FERMENTATION, an intertime Motion, or Commotion of the Small, infensible Particles of a mix'd Body, arising without any apparent mechanical Caufe, and producing a confiderable Alteration therein.

Or, it is an easy, flow, gentle Motion of the intestine Particles of a Body, arifing usually from the Operation of some active, acid Matter; which rarifies and subtilizes the softer,

active, acid Matter; which rathes and labilities the footer, yielding Particles thereof. See Farmans. Formentation differs from Difficultion, as the latter is the Refult or Effect of the former. Formentation is frequently without Difficultion, i. e. the formentative Mosion frequent-tly does not go for as so difficult the Body. But Difficultion glways supposes an antecedent Fermentation. See Disso-

Ferminatation differs from Ebullition, and Effercessence in this, that the Motion, which in the former is flow; in the two latter, is violent; and that in the former, the Motion is restrained to the minute Particles of the Body; but in the latter it extends to large Maffes thereof. See E-BULLTION, and E-FERVESCHEE. Indeed it must be observed, that Authors usually allow of divers kinds of Fermentations.

divers kinds of Fermentations; vis. an infemfible one, which is only known from its Effects; and a fenfible one: A violent and a moderate one: A bw, and a cote one: A natural, and

an artificial one. an stription one.

Plants bruis'd, and left a certain Time in a close Veffel,
forment of themselves; and if let alone, the Fermentation
will proceed to Putrefaction. See Putreractions.

In order to Fermentation, 'tis necessary, the Ferment or Liquor have formerhing acid and spirituous in it; that its Mo-tion be tumultuous, that it be in an open, sparious Place, and affifted by the Air; and that it tend to exalt and purify the Liquot, and produce vinous, or inflammable Spirits. These are the particular Properties and Conditions of Fermentaare use particular reoperties and Conditions of Fermana-tions; the 'in the general, all required in effect a Fermana-tion, is a Body, or Liquor, which is not homogeneous, that is, confift of different Principles; that there be a fitting Ar-traction between the Parcies of the Ferman, and the Bo-dy; that the Parts of this latter be moved and agitated inregularly; and that this Motion produce fome Alteration in the mixt.

Fermentation is one of the most obscure Processes in all Nature. The Generality of our later Philasophers allow it in great Measure a Mystery, to which their Principles will not fully reach.

Dr. Morgan, in his late Philosoph. Prin. of Medicine, at-tempes to account for it, on the Newtonean System. His Principle is, that the examples Force of Air, ratified by the Aftion of Fire; or the manual Aftion of Fire and Air, is the universal natural Cause of Fermentation and Diffolution.

the universal natural Caulie of Fernansarum and Diffusion. To five this, locatificars, we gave Powers, or Principals in Bodies; vie. an astractive, cohefeive Power, in the imal Particles of Matter, as the Principe of all Red., Concrition, Ge. And the expansive Force of heared Air; as that of Fernansarum. On the different Properties and Adjulies ment of their two opposites Facces, with religid to each of their their control of their properties and Adjulies ment of their two opposites Facces, with religid to each of their their control of their properties and Adjulies and their control of their greateli Contacts, and remain there in a Degree of Firmocs, and Cohelion, proportional to the Quantities of Contact.

See FIRMNESS. On the other hand, by the repultive, expansive Force, acting alone, all Bodies, even the most compact and folid, must be differed and diffused into one persectly fluid, inco-

berent Mais. See FEVIDITY. berent Mais. See Feuritive.

If both are found in the Jiame Body, and equal in Degree,
fach Body mult continue in its preient State of Fluidity, or
Cochefien; if the attractive Power prevail, the Quantity of
Contact, or Degree of Cohefion will be continually invested
to a certain Fisch, where it will reft: On the Contrary, if the
expensive Power of the Fire and Air, included in any Body, or Mais of Matter, prevails against the attractive Power of the contiguous Parts, the Parts must necessarily recede from their

Points of Contact, Points of Contact.
And this happening thro' all the Subdivisions of which the
Body or Mass is expalse, every final? Fart must be divided
and leparared has other finalize Parts, and those again into
ochers, and so on, till we come to the first confitment Parcies or Aroms, which are luppeded to be perfectly failed,
and indivisible. See Aross.
This Receis of the Parts of Bodies from their Points of

Contact, and the Septration, and Division confequent thereon, is what we call Rarefaction; as, on the Contact, the Approach of the Parts nearer to the Points of Contact, is called Condenfation. Now from the contrary Effects of their two Forces, there necessarily arises an intestine Commetion, ree Forces, there necessarily arises an interfline Commetter, Collifion, and natural Struggle of the Parts among them-felves, i. e. the Parts acted on by two fuch opposite Forces, will fly off, and recoil, recoile, and accede, in Proportion 80 the Strength and Energy of the opposite Powers, till one or the other previil, either to fix and condense, or difficite and difficiently, which alternate Motion is what we call Formatdiffuse it; which alternate mount

If the attractive Force prevail, the most fluid Body will be confolidated, as Water into Ice. See Freezing.

be confiditated, as Water into Ice. See Farstrate.

On the context, if the expensive free prevail, the femtle Body will be been, and differed. See Drasouvrons.

All the been, and differed. See Drasouvrons.

All the see that the see that the see that the see have for a being caulting, or calling from the Properties and Procure of Bedien. To get an Heat on their Chingae, we have for a being caulting, or calling from the Properties and Procure of Bedien. To get an Heat of their Chingae, we transa Liqueof from Mail, by means thereof.

It is no be observed then, the the Mits being mode, as the case moder the Article Marry, and then hist to include the thing been a single and directling of a Presentation, or in collins. See Baratria, the seed of the Se

How sach Motion is mechanically effected, and novity being forth fact. Spirit, may be executed from that the long is proposed by Proceedings of the Proceedings of th

3°. That if two unequal Bodies of unequal specifick Gravities be immerfed in a Flaid lighter than either, the Celerities of their Descents will be compounded of their

Celetries of their Delicens will be compounded of their Grarities and Dimensions receptor. The fame Law, by which Bodies defend, hold good in the Aleen of their freezing lighter than the Faird. Hence in all heterogeneous Fairds, the confirment Paris of which are not fitted to a foliciate and cohers; to as to form

or which are not fitted for affecting and cohere, for a to form what is celled an auditrom homogeneous Plaid, the heavier what is celled an auditrom homogeneous Plaid, the heavier celled by lighter; and the Plaid, the practice of the plaid for a pl

This Subilance, termid Barm, or Teafl, confifts of a great Quantity of librile spirituous Particles, wrapp'd up in fach as are vitied. Now, when this is mix'd with lich a Liquor, it cannot but much contribute to that intelline Motion, which is occasioned by the Intercourse, and Occarsions of Particles of different Gravities, as the Spirituous Parti-cles will be continually fiving to get up to the Surface, and the visid ones continually retarding such Ascent, and

preventing their Efcape.

preventing takes state.

So that by these two concarring Causes the Particles extracted from the Grain, will by fach frequent Courtinos be for comminated, as continually to increase the more fabrile and spirituous Parts, until all that can be made to by Artificition, are set look from their former visid Confinements is and this appears by the Warmth of the Liquor, and the Froth drave to the Tops just at which Time, if it be thrown into the Still, it affords some Quantity of an high inflammable Spirit.

untammanic spirit.

Moderate Warmth much haftens this Process, as it siffilis
in opening the Viscidities, in which some fpirituous Parts
may be entangled, and unbend the Spring of the included
Air, which cannot but contribute to the Rarcfaction and

Comminution of the whole,

The vifeid Parts, which are raifed to the Top, not only an account of their own Lightness, but by the continual on account of their own Lightness, but by the continual Efforts and Occarffors of the Spirit to get uppermoft, both show, when the Ferment is at the highest, and prevent the finer Spirits making their Escape: For if this inteffine Lucius he permitted to continue too long, a great Deal will get away, and the remaining grow flat, and vapid, and raife little befides Phlegm in the Still.

raife littic krifdes Phiere in the Still.

The greated Use of the Theory in Medicine, will be in reaching, what Parts of the Maseria Medica are not) proceeding, what Parts of the Maseria Medica are not) proceeding to the Maseria Medica are not proceeding to the Medica of the Maseria Medica and the Wirraras. For by from Medicines an Intention is atmed virgate. For by from Medicines an Intention is atmed at, which is not been been proceeding to the Medica of the Medica not be administred.

FERNAMBOUC, fee Brasse Wood.
FERNAMBOUS, a Term, intimating a Thing to part-take of the Nature of Iron; or to contain Particles of that

Metal, See Inon.

Meal. See Inow. Judicial corrain mineral Springs, who it is particularly the particular of the Meal, part of which they wash off, and carry with them, and thus become in-pregnated with the Principles thereof. Such are where we have the particular of the particular

FERRUMOU, the Rule of Iron, or E kind of Calx, found on the Sarface thereof. So Inox, and Rust.
FERRUM, fee Inox.
FERRUMTY, Fruitfulneft, or the Quality, which domeniants a thing fortile, or prolifer. See FEGUNDITY, fee also Responses. fee also BARRENNESS, DISEASE, &c .-

lee allo Barrenners, Dierris, Ger-The Egyptian Nitre, or Natron, renders the Ground ex-ceedingly fertile. M. de la Chambre observes, that Plants grow in lach Abundance in Egypt, that they would choak one another, if they were not hindred, by throwing Sand upon the Fields: Informuch that the Egyptians mult take as

upon the Fields: Informach that the Registrats must take as much Pains to leffen the Farnel's of their Soil, as other Nations do to increase it. Philos Translat. N. value Paculty was Nothing is more fortite than Wheat, which Paculty was given it by the Creanor, in regard it was to be the principal Pool of Men Trhas a fingle Relating of that Grain, lown in a

proper Sail, will yield 150 Measures.—One of Augustus's Procurators fent him 400 Ears, all produced from one Seed. Mrev had 450 Ears fent him, from a single Seed. Plin. Nat. Hist. bit. 18. c. 10. See Sanna a non. FERULA, a little wooden Pallet, or Since 3 reputed the

FERULLA, à state wooden Faller, et sline; reputed the Schoolmalens Sepren, wherewish he chalifier the Deys, by Schoolmalens Sepren, wherewish he chalifier the Deys, to The Word is paur Latin, and has allo been used to de-note the Perlate Crosier, and Staff. Under the Earlier Empire, the Forula was the Emperor's Scopers, as is item on divern Media, it ronfills of a long Stern, or Shank, and a flat, figure Head. The Use of the Forula is very articles among the Greek, who used to call their Princes articles among the Greek, as he used to call their Princes.

antient among the treest, who used to call their raines suppressions, q.d. Kerula bearers.

The Word is supposed to be form'd of the Latin ferire, to firitk; or, perhaps, Ferula in this Sense may be de-rived from the Name of a Plant, called Ferula, the Stem whereof was antiently used to correct Children withal ; the others think, the Plant took its Name from the Influences,

or rather from its Uie, ferire.

of rather from as Lie, Jettre.

In the avinent Bailton Church, Ferula fignifies a Place feparated from the Church, wherein the Pentrents, or Catechauters of the fecond Order, called Abjentizates, decel-pass, were kept's as not being allowed to enter the Church. Whence the Name of the Place 5 the Perfons therein be-Whence the Name of the Pauce 3 the Perions toerem one-ing under Penance, or Discipline: Shalf-rend erant Ecclefice. FERULE, among Chirargeors, called ailo Splinters, are intel Chips, of different Matter, as Woods, Barks, Fig. Leather, Paper, &c. applied to Benos, that have been dis-jointed, when they are fer again.

Leather, Faper, UK-appuss to some product, when they are list again, called in Latin Perils, was artisted with the sound to the confine when the was artisted when the sound to the confine when the PROCENNINE, in Antiquity. Figurature, and obtain the Faperlicon, ingo or reheard by the Company, at the General Company of the Company at the General Company of the Comp

The Word Isseeminus is berrowed, according to Menge, from Fascinum, a Charm; the People taking such Songs to be proper to drive away Witches, or prevent their Effect. See LIGATURE

FESSE, one of the nine Honourable Or-dinaries of the Efcutcheon, which it divides e - Dellow horizontally in the Middle, and feparates the Chief from the Point. It is insposed to re-present a broad Girdle, or Belt of Honsur, which Knightsat Arms were striently girded withal.

It possesses the Centre of the Escutcheon, and contains in Breadth one third Part thereof. Thus, he heareth Azure, a Fosse Or, by the Name of

When the Feft takes up lefs than its proper Breadth, it is called a Bar. See Bar.
FESSE-Point, is the exact Centre of the Efentcheon. See

ESCUTCHEON. It is thus called, as being the Point, through which the Feff Line is drawn from the two Sides; and accordingly di-vides the Efcurcheon into two equal Parts; when the Efcur-

vides the Eleuchoon into two equal Parts; when the Eleuchon is parted Per-fig.

Fassa-may, or in Fifth, denotes Things born after the manner of a Fifth, i. e. in a Line, or Range, a-crofs the Middle of the Shield, which the Prench call on Fifth.

Party per Fassa, implies parted a-crofs the Middle of the Shield from Side to Side, through the Fifth Point.

This the French express by one Word, Couppe. FESTI Dies, among the Antients, were Feaft Days, or Holidays. See Frast.

Numa diftinguish'd the Days of the Year into Festi,

Nama dittinguill'd the sawy or Profesti, and Intercist. The first were those dedicated to the Gods: The se-cond, were those allowed to Men, for the Management of their own Affairs; being thus called, according to Festis. Quad proced fint a religione Numinis di were shared between the Gods and Men.

were Indred between the Gods and Men.

The Felli diet, again, were divided, according to Mierobins, Saturn. e. 16. Into Sacrifices, Epule, or Banquesy,
Ludi, or Games, and Perin. See Fears, S.e. And the Profelti into Figli, Comittales, Compevendini, Stati, and Pralares. See Fears, S.e.

FESTINO, in Lugick, one of the Moods of Syllogisms. Sec Moon

In a Syllogism in Festino, the first Proposition is an uni-versal Negative; the second, a particular Affirmative; and the third a particular Negative. See Syllogism.

verfall Nogative; the Iconod, a particular Admonstrary and the third a particular Nogative. See Sylvacotism. FESTIVAI, for Pa.str, and Festress. FESTIVOA, a Gerland, or Comment of Flowers, Fraits and Leaves intermix d₁ antiently much used at the Capture of Temples, where Featin, to destine the opposite were held, or as any other Place, where Make and the comment of the comment ments, &c.

Foftsons, or Garlands, were also put on the Heads of Viklims in the antitem heathen Sacrifices. St. Passiums, in its locen on St. Felix, does not forget the Faftsons and Crowns of Flowers, placed at the Deor of the Chauch, and on the Tomb of that Sains. See Garkaston.

The Italians have a fort of Artificers, called Festaress, whose Office is, to make Festarus and other Decorations

The Word is French, Feston form'd of the Latin Fefum, Feaft.

FESTOON, in Architecture, Sculpture, &c. A Decoration wied by Architects, Painters, Joyners, &c. to enrich their

nied by Architects, rainters, Joynett, Oct we carried works refpective Works.
It consists of a String, or Collar of Flowers, Fruits, and Leaves tied together, ionewhas bigged in the Middle, and furpended by the two Extremes; from which, beside the main Part which falls down in an Arch, two lefter Parts

min Par which falls down in an Arch, we never zero hang perpendicularly. This Gramment is made in limitation of the Feffenset, or tong Cistlers of Fowers, placed by the Antenna on the Poffense are now chiefly sided in Freezes, and other wa-care Plazes, required to be falled up, and adom'd. FESTUM, for FRANT. FESTUM, for FRANT. Great Plazes, and the property of the first a general Court in Impage fields were analized planty keep on the Great Fellivals of the Vars. Thus, in our Chresl-vian we work, that in fach a Text the King keep kin F on the Great Feilivals of the Tear. I nus, in our calcies we read, that in fach a Year the King kept his Feilum at Winebester, &c. that is, he kept a Coart there at the Time. Rev. abud Winton maximum Festum & Comnum at Winterfelter, Rec. that is, he kept a Coart there as that Time. Rec apid Winters, measurame Feltem of Convining celebracit, tempore Natalis Domini, convocati tidend Principlant of Sarvainia testina Regni.

FET-Look, in the Manage, the Hair that grows behind on Horles Foot Hence, the Jelius where it grows, is called the Princip Joint.

FET-US, for Forera.

FEUD, or FEUDE, FRODUM, is the fame with Fief, or se. See Frz. Frun is also used in our antient Customs, or a capital

Quarrel, or Enmity, called also Fred, or Feetb. Feud, or Feed, called also Feida, and Faida, in the ori-ginal German fignifics Guerram, i. c. Bellum, War. Lambart writes it Feeth, and faith, it fignifies Capitales

In Sections, and the North of England, Fend is parti-calarly used for a Combination of Kindred, to revenge the Death of any of their Blood against the Killer and all his

ace, or any other great Enemy.
FEUDAL, or FEODAL, of, or belonging to a Fend, or

Fee. See Fee.

A Fondal Lord, in default of Fealty and Homage from
A Fondal Mathis Vaffal, may feize the Fruits of the Fee. A Fendal Mat-ter: Fendal Jurifprudence: Fendal Scifure.

A Neapolitan Lawyer, called Caravita, has not long ago

publish'd h Neuponian Lawyer, careet Caranna, has not long ago blish'd a Lain Treatife of the Feudal Law, entitled, relectiones Feodales.

When once the Use of Fees was thoroughly established in France, they would need extend it much further: And al-most all the great Offices of the Crown thus became Fes-

dal; even the Courts of Justice were drawn in; in order to which they were annex'd to certain Lands, or Revenues, The Design of these Infectations was to render the Offices hereditary, after the manner of Fees, which were now become fo. Thus the Offices of Grand Chamberlain, Grand

Butler, &c. came to be held by heredieary Right.

FEUDATARY, a Vallal, or Person who holds of a Superior in Fee, i. c. on condition of yielding Fealty and Ho-

mage, or other Service. See FEE. The Electors, Princes, and free Cities of Germany are all Feudataries of the Emperer. See Emperon, Elec-

Fa. Daniel observes, that Charles VII. forbad the Count a' Armignac to call himself in his Titles, by the Grace of God Count a' Armignac, such Terms, which seem to exclude

God Count & Firmiguate) uch 1 Cruns, which feem to exclude all Dependance, except on God, being an Innovation, prejudicial to the Right of the Soversige, and which had now the control of the Property of the Adapt of any Crown. In Place 7 Count, who was a Findancy of any Crown. Bifleter de France, T. H. p. 1162. FEUDBOTT, a Recompence, for engaging in a Food, or Falchon, and for the Dimages confoquent therein; it having been the Cultimo of article titlese for all the Kinhaving been the Cultimo of article titlese for all the Kinhaving been the Cultimo of article titlese for all the Kinhaving been the Cultimo of article titlese for all the Kinhaving been the Cultimo of article titlese for all the Kinhaving been the Cultimo of article titlese for all the Kinhaving been the Cultimo of article titlese for all the Kinhaving been the Cultimo of article titlese for all the Cultimo of articles the cultimo of articlese for all the Cultimo of articlese f dred to engage in their Kinfmens Quarrels, according to that of Tacuus de Morib. Germanor. Suscipere tam Initias seu patris, seu propinqui quam amicisias necesse

FEUDIST, a Lawyer, or Doctor learned, or much co versant about Feuds, or Fees. Du Moulin is reckon'd a Great Fendift.

FEVER, Febris, in Medicine, a Difease, or rather Species, or Class of Difeases; it being an Observation of System ham, that Fevers with their Appendages, make two Thirds of all the Difeates of the Body. See Disease.

This Diferder is very differently defined by Physicians, cording to the different Views and Relations they confider it in

Sydenbam defines it a firemous Endeavour or Effort of Nature, to throw off some morbide Marter, that greatly acommodes the Body

Entailer, with the fame View, calls it a Motion, or Stru-gle of Nature, whereby with the Affiltance of the Spirits, more or lefs alter'd, the feeks to expell what is hurtid to the animal Occonomy.

Quincy defines it an augmented Velocity of the Blood;
Others, a Fermentation of the Blood, accompanied with
a quick Pulle, and excedire Heat.
The Causes of Fevers are innumerable; and the Difease

even often arifes in the foundest Bodies, where there was no pervious moshifi. Apparatus is a Cacchymia, Pictio-ra, &c. But merely from a Change of Atr, Food, or other Alteration in the Noo-naturals. A Foor, Borrbare observes, is an infeprable Companion of an Inflammation.

of an Inflammation.
The Symposium are many: EveryFever arting from any in-ternal Casel, is acteoided with a quick Public and musical Heart, as at different Planca, and in editionat Planca (and the season of the public and the season of the public and the publi Difeafe.

Diseits.

Diseits des retendent Symptom are ufuelly a laborious and distant'd Referencing an uniform, high colour I diseit, a Parchondria and Dyruch of the Tongor, Month, 6th. and Lamenine for the Saliva, Thirthy Wackfurfer, and Natica against every thing but thin disting Liques. From theis Symptom, Dr. Morgon, our lated Writer on that Subject, lays it down as a Frinciple, that in every Ferr, there is a general Olyfurdina, and Ziminning of the erect, there is a general Olyfurdina, and Ziminning of the

glandular Secretions; thet is, a great Part of the Lymph or Screm of the Blood, which ought to be continually drain'd off by the Glands, is, during the Fever, so retain'd in, and closely united to the Mais, that it circulates together with it in the Veins and Arteries. This he endeavours to prove it is not your and streeter. I has no concervoir to prove to be the State and Condition of the Blood in the Pro-duction of a Fiver, by accounting for all the above men-tioned Phenomens from it, as the juff and adequate Ef-fects of fuch a Case. How he does it, fee in his Thillef.

fecht of fach a Caufe. How he does it, tee in an a comp-prince of Med. p. 2017[57].

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The Care of Fevers, Bernhouse faunmarily comprehends in correcting the Harry, intrinsing fehrlet Mattex, difficient the Leeters, and mitigating the dynamic facilities and the Leeters, and mitigating the dynamic fill followed Abellinesce, this in Dict, draking of Wester, blockling and cooling Coffmas: If fitch bring it on too flowly, it must be actived by Cardiota, Aromaticks, Volunies, 45°- The Casio removed, the dynamic careful of courfe; and if they can care into any surricular Caser thereof. If these be unfainenter into any particular Cure thereof: If they be unfea-fonable, or too fevere, they are each to be abated with the proper Remedies.

Substrates recommends an Emetick in the Beginning of

Shelabur recommends as Emetick in the Beginning of a Feory or if it have been then outlined, in any other Stage thereof's plenking where there is a Proputity to Versical Stage thereof's plenking to the Stage thereof's plenking to the Stage Stage

The more acute the Fever, the thinner, according to Emmiller, must be the Diet. "Its no matter, if the Patient fhould fall for feveral Days running; for never did feverift Perfons die of Hunger: Eating, always exafterates the Difeafe. Vomitories, he allows the principal Place in the Cure of all Fevers; but, as a Patron of the hot Regifc@ion

men, affigas Sudorificks the fecond. Spirit of Sal Ammo-niack, or its Sal Volarile, he obferves is an univerfal Fe-hrifuge, and rarely fails: All fugard Things are hartful. Happerrates, in all Fevers, prefer hes Wine. Dr. Han-cotk, Water. See Prantpuez.

So long as the Urine remains crude, that is, does not jve a Sediment, the Patient's Cafe is very dubious: But the once the Coction commences, and the Urine separates,

Blood, renders certons more inclinance to revers.

There are various Kinds of Fevers, denominated and diffinguish'd from the particular Caule that produce them; the Time they continue; their Accesses, or Returns; and

their feveral Symptoms.

The most general and genuine Division of Fevers, is in-

The most general and genuine particular of particular of particular of particular partic Fever.

Fever.

A Symptomatick Frank is that which arifes as an Accident, or Symptom of fome other ancecedent Difector, as an Information, Philippon, Dryffpelat, Implement, final Post, Plemily, &c. Whence it is peculisrly denominated Instantancy, Expenditure Prophetates, Rec. Bearmanary, Exploration, Permilent, &c. 200, and Prophetates, Prophetates,

Effential Peters are generally distinguined into conse-uned and Intermitting. Continent, and Continued.

A CONTINUED FEVEN is that which gives the Patient no Refpite, or Intermitting, that the ficks to him from its first Sciaure, to its final Period. This is subdivided into Pu-mits and market.

trid, and not putrid.

A Continued Fever not patrid, is that wherein the Parts of the Blood are not fo diffolved and broke, as to give of the Mood are not to distolved and broke, as to give Room and Occasion for the principal Paris thereof to be fo-creted: Or that, wherein there is not any Discharge of putrid, purulent Matter into the Blood. Of this there are two Kinds, the Disry, and Symechus; to which some add

A Diary Fever is that, which does not ordinarily hold beyond 24 Hours. "Tie also called Ephemera, from the Greek succes, Day. It is the gentleft of all Fevers: Is fre-Greek jedes, Day. It is the gentleft of all fewers: It incurrently to two much Exercite, or other external Accident. It is cured by Reft alone, and keeping a-bod. If it remain for feveral Days, it is either called a continued Ephemera, or Simple Symbolus.

A Helick Fewer is a flow, durable Fever, which extensives and emackates the Body by indenfible degrees. It is thus called from the Greek Eig. Helitude, as being diffi-

cult to get rid off.

It has three Stages; the first, while it consumes the Juices of the Body: The second, when it exhausts the fleshy Sub-flance of its Humidity: And the third, when it lays hold Blance of its Humsdiry; And the third, when it lays hold of, and deflroy the Solids themfelves: In which laft Stage it is reparted incurable. In Effect is fomewhat like that of a Plame, first footfaming the Oil of the Lamp; then the Moithure of the Wick; a nid lastly the Wick it felt. But this Fever is frequently confidered as of the Symptomatick, or fecundary kind, arising in Philips, &c. See Havrius.

American American American From, is that wherein the Terrare of the Blood is randed to large re- even dif-fered, which the Blood is randed to large re- were dif-fered, that its Parts or Principles (specaring, fome of the principal are forected, and loft. See Broon. Or Parriel Peres' are frequently confider as foundary were asting from the Disharpe or purely parulent Mat-ter from some morbid Para, as an Ulcer in the Lang, 5C. Parriel Peres' are divided into Single, and Compton

Yourse revers an or Remitries.

A Simple continued pairel Fever, or a Continued Fever, and Employed, by the Greeks called Suny, 69, is that which continues uniformly, from first to last, without any lits or Periods of Exasperation and Remission of Heat, and

Fin o Peinds of Evalpertum and Ambient Perer into four Stadia, or Britis divides the Parrial Fever into four Stadia, or Stages. The Stephenorg, which is attended with a Chill-Stages. The Stephenorg, which is attended with a Chill-the Headerstone, Venezient, Tahri, Walerdacher, Irain in the Headerstone Symposium see heightend, with the Addition of Deliria, convolved Meteor, Fenincies of the Month, high turbed Urine, without any liquidite Science, and the Chile, which contains the Criffs, mean, or Hypothilis; the Start, which contains the Criffs,

which in this Difease is much what the Paroxysm is in Inwhich in this Ducate is much what the Paroxym is in In-termittees: For as that returns at certain Hours, fo do the critical Motions in contioued Fevers happen on the fourth, fifth, fasth, or feventh Day. See Caussa. The last Stage is the Declenifier, which ends either in Recovery, or

These Fevers are divided into Burning, and Slow. Ardent, or Burning Fever, called by the Greeks save@; is a very acute Fever, attended with a vehement Heat, in-tolerable Thirft, a dry Cough, Delirium, and other violent

It frequently kills on the third, and fourth Day; tarely exceeds the feventh.

It often goes off in a Hemorrhage, on the third, or fourth Day; which, if it prove too fraring, is deadly. Sometimes it goes by Stool, Vomiting, &c. and fometimes ends in a pneumony

To the Clais of Burning Fevers are reducible, the Li-peria, Affolds, Eledes, &c.
The Fever Liperia is a burning Fever, wherein the Heat is very intense within fide, and at the same time the ex-remal Parse cold.

The Affoles is a burning Fever, attended with great In-aletudes, Nanicas, Vomitings, Sc. The Eleder is a Fever, wherein the Patient iweats con-

tinually.

The Syncopal Fever is that attended with frequent

The Eptel Four is that whereis both Hars and Cold are felt is the firm Fart at the firm Clime. Silve Fever year, gentle, but double one, which confume the Fever and the firm the firm of the Fever and the Fever an

Urine, Sc. See Colliquation.

Urine, &c. See Contiquation.

A Resurtives Fever, called also a Continent, Tueston, and a compound continued Fever, is that which continues from Time, without any gradual Increase of Heat; yet liable to alternate Fits of Remiffion and Aggravation; either Canad and weighted in treemise.

Bable to alternate Fits of Remiffion and Aggravation, either flated and periodical, or irregular.

Of this there are divers Kinds, denominated from the Periods of returning; as the Remisting, Continued, Quartilan, the Continued Ferrian, Continued Quartan, Re. which are only a continued Fever, whole Accelles or Severer Fits return every Day, or any other Day, or every third Day; or every fourth Day.

return every Day, or any other Day; or every third Day; or every from the over every found, in every found to every found, in every found, or every fair, or every fai

and variable The Simple rarely, if ever, kills; the Spurious, frequen

ly. Sometimes it degenerates into a migrant Surjey.

The first is cured with the Cortex Peruv, almost as infallibly an Intermitter, the febrile Forment being much the fame in both: And the fame Medicine is found atmost a fure, tho not to freedy a Remedy of the Sperious, if proverly amilied.

sure, too not be species, when you have which ceales, and returns again alternately, at stated Periods. In this kind, Cold, and Heat, Shivering, and Sweating succed each other.

The Paroxyims are attended with Sickness, Nausea's, Vomitings, Headach, Pain in the Back and Loins, &c. The Paroxyims are acure, but the Disease usually more or

No body was ever killed of an intermitting Fever, ex-cept in the first Stage of the Patoxysin, during the Shiver-ing.

log, estained by the Opperfision of the Spirits. When the Disease becomes of a very old flanding, it foundations the boundaries of a very old flanding, it foundations that the Curs, his found by a loss of Colfervation, that the Curs, his found by a loss of Colfervation, the Curs has the Curs, his found by a loss of Colfervation, and the Curs has the Curs has been a loss of the loss of the Curs has been a loss of the Curs has been a loss of the loss o

ons, Ages, and Conflitutions. See Convex Perunianus; fee also FEBRIFGGE.

Intermitting Fevers are of divers kinds, as the Quotidian Fever, where the Paroxylin returns every

Day.

Double Quotidian, which returns twice in twenty four

Hours. Tertian Fever, which only returns every other Day; which again is, either Legitimate, or Spanous. The Legitimate Tertian only holds twelve Hours, and is

followed by an absolute Intermission. The Sparious Tertian exceeds twelve Hours, and some-times bolds 18, on 20.

The Double Tertian is that which returns twice every

the Zowers. The Word Double Terrian is and uten, where the Fever returns every Day, like a Quotidian; only at different times of the Day, the third lit a survering to the Time of the first; the fearth to that of the second, Se.

The Quartum Fever is that which only returned very harmonic man Days Intermittion between every

fourth Day; leaving two Days Intermission between every two Fire

The Double Quartas is that which has two Fits every fourth Day. The same Name is given to a Fever, which returns two Days successively; only leaving one Day's Inter-

million.

Triple Quartan Fever is that which has three Fits every fourth Day: Or that which returns every day like a Quedidian, only at different Seafons of the Day; the fourth Fit answering to the Time of the first, the fifth to the fe-

cond, & There are also intermitting Fevers, which only ret every fifth Day, or every fixth, or every feventh, and at

other Intervals Laftly, there are some extraordinary Species of Fewers, not reducible to any of the forementioned Classics, as Ma-

not requestor to any of the forementoned Gaffes; as Mi-figurant, Erropines, and Pefiliemial Frevers.

Malagnast Frenza are these, wherein the usual, regular Symptoms do not appear (Nature being appealed with the Malagnity of the febrile Marter) but other foreign Symptoms arife; as a Pain about the Stomach, and Praccordia

toms artie, 28a Pain about the Stemach, and Fraccords; a livid Complexion, with the Face made disfigured, &c. Someclines Efforeference on the Skin, &c. Some Authors, from microfospical Observations affirm, that in all malignant Forers the Biood is to corrupted, that Swarms of little Worms are generated therein, which occ-

fion most of the Symptoms,

non mott or the Symptoms, In all malignant Fewers the Blood is too fluid. Blood-letting has here no Piace: Vomitories do well at first af-terwards Sudorificks and Alexipharmachicks: Blifters are commended in the Progress of the Diffeato. Fronting Fayman are shofe, which had head.

Emption Favans are those, which befide the Symptoms common to other Fevers, have their Crifes attended with cutaneous Emptions. Such are those of the small Pox, common to Grand and All Such are those of the small Pox, Meazles, Perechia, the Purple or Scarlet Fever, and Miliary Fever: Their other Symptoms are, a grievous Op-Millary Peter: I not take Symposis, there Breadth, oblitiate Waking; Spafins, foar Throat, Cough, &. See Peternie, Small-Pox, Meazles, and Millary Feter.

Pelilential Frynks, are stute, contageous, and mortal Difenses. Some will have the Fruer to be the Disease or Plague it felf: Others only account it a Symptom of the

See PLEAGUE. Percebial FRVER, is a malignant Fever, whereis, befide

Tecerona INVER, 18 manganar Feory, whereis, befide the other Symptoms, on the fourth, or more frequently the feventh Day, Peterbie, or red Spots, like Fleshites, appear, chiefly on the Breath, Shoulders, and Abdomen. The Spots afterwards turn paler, then yellow, and so disppear. When they grow livid, or black, they ulusily prove fatal. This Feory is contagious, and offen Epidemical. It is

treated much as those just mentioned.
FEUILLANS, an Order of Religious, cloathed in White and going bare-foot; who live under the first Observance of the Rule of St. Bernard. See Bernandina.

The Name was occasioned by a Reform of the Order of

Bernardines, first made in the Abby of Fenillans, a Village in France, five Leagues distant from Tholonie, by the Sieur

in France, we Leagues dillant from Theologie, by the Sieur Barriere, who was Abbot thereoff in 1989. It was approved of by Pope Sixtui V. And the Popes Clement VIII. and Pone! V. granted it its particular Superiors. King Henry II. iounded a Convent of Femilian; in the Fantebeary, St. Humprius at Parri.

There are also Monatherics of Nuan, who follow the fame

called Femiliantines

FEUILLE de Scie, in Heraldry, expresses that an Ordinary, as a Fesse, Pale, or the like, is indented only on one Side; in regard it then looks like a Sam, as the French

one; in regard it then looks like a Zore, as the French Phrale imports. See INDENTED.

FEWEL, or Forz, in Philosophy, the Pabulum of Fire, or whatever receives, and retains live, and is confumed, or render'd intellible thereby. See Fire.

Pare Fire, if left no it felf, would differe, and diffuperer.

Fare Fire, it lets to it felt, would disperte, and disappear. To preferre it, it is necessary there be some Fuel, to fu-flain, and keep it together.

The only proper Fuel, known in all Nature, is Oil, commonly called Sulphur: And all Bodies, whether regentale, fossil, or animal, are only inflammable, as they contain Oil in them.

in them.
Oil focds and fuffalns Fire by virtue of its ramofe, tena-cious Particles, which are diffusion to be put into a non-vehement, recutory Motion, before they will let each other go. But, by this rotatory Motion the Fire at length breaks and commissions for articles of the Fari; at ill, ceasing to cobere, they are no longer able to fuffain the

In the popular Sense of the Word, Fernel is any Body, which contains this Pabulum, or Oil, in such Quantity, as to fit them for culinary Uses.

to set them for causary Ures.
Such 1°, Are dry, or green Vegetables; elpocially those
abounding in Oil; as the rosinous, and buistamick Woods.
2°, Forill Coals, whether vegetable, or animal 2 as being little elfe, but the oily Part of the Vegetable, or animal, parged of the Salt, Water, 6%, so that the blacker
they are, the better.
2°, Foili, and bligminous Earths, 2s Turf, and Peat.

they air., the better.

§ Foili, and bimminous Earths, as Tarf, and Peat,
which are a fixty Earth, dag out of the Grand.

§ All mineral Suphar, whether peus, or mix'd with
are and the suphare and the suphare and the suphare and and

§ The Fix and Dungs of Animals dried.
And & The Productions of Chymrific, which are either
Coals, or Ol, or only Endies as, inflammable Spirits, produced by Fermonation, Particition, 57: Soc Coals,
or Coals, or Turr. &c.

FIBRA Auris, fee EAR.
FIBRE, in Anatomy, a fimilar Part of the animal Body,
called aifo Filament; and when very fmall, Fibrilla, or

Capillament. See Capillament.

Galilamean. See Carliaments.

A Hipe is long, flender Thread, which being variously increases, or wound up, forens the various fold Pairs of the Increase, or wound up, forens the various fold Pairs on Matter and Animals. See Seatrs, and STAMEN.

Antonnils afaully dillegalth four hinds of Fibrer, in Carmato, or Fibry Navous if Tandinous; and Office via Carmato, or Fibry Navous if Tandinous; and Office for Stamey of once or other of which all the other Stame car.

SEMPLY of once or other of which all the other Stame car.

Navon, Tancon, Honey, March, Tancon, Honey, Marcas, and

Fibres again are divided, with respect to their Situa-tion, into Divide or Longitudinal, which proceed in right Lines: 17maffersfe, which cate, or go across the former, right Angles: And Oblique, which interfect, or cross them SINSATION.

Some Anstomits reduce the animal Fibres to two Species,

Some anstomilit reduce the animal purers to two species.

It. Mightler, or Metrics y and Nervous, or Senfitive.

The Nervout FIREAR are the minate Threads, whereof the Nervous composed. They arise from the Medulia of the Benin, as that does from the Correst, and that regions the last, famel Ramifications of the Carried and verticarial farcriers. So it is probable, these Nervous control and verticarial farcriers are the probable, the Nervous control and verticarial farcriers for the probable, the Nervous control and verticarial farcriers for the probable, the Nervous control and verticarial farcriers for the probable, the Nervous control and verticarial farcriers for the probable, the Nervous control farcriers for the Nervous control for the Nervous control farcriers for the Nervous control farcriers for the Nervous control farcriers for the Nervous control for the Nervous control farcriers for the Nervous contr

Commandations of those Artenes. See Brains.

From every Point of the Cortex there arifes a fine, medullary Fibrilla, which uniting in their Progress form the Medulla of the Corebrum, Cerebellum, and Oblongata; and Fibrilla esting from each Point of these again, form the spinal Marrow. See Medulla.

the fpinal Marrow. See MEDULLA.

From the medullary Substance of all these Parts arise Nerves; which are Combinations or Affembiages of a Number of these minute medulary Fibres inclosed, after they are got out of the Cranium in a common Membrane, or Coar from the Pia mater: And 'tis probable, that to

or Cast from the Fin mater: And 'its probable, that to eith Nerve, there occur Hierry from all three; as allo that their Fisher are to many fine bollow Public or Canita from the Cast and the state of the Highest Cast and the Highest Cast and the Highest Final are those whereof the Mulcie or Belly Highest Finals are those whereof the Mulcie or Belly Final the Body are composed. Every Nulcie is divisible into other list ones; and their into others, that the list, keyond all magination. The list and finalistic or the state of the Highest Cast and the H

mulcular Fibres; which whether of no they be veficular, is

w, there are Nerves propagated to every Muscle, ar diffributed through the Body thereof; so as there is no af-figurable Point wherein there is not somewhat of a Nerve. Add, that all the Nerves here disappear; and that in other

Add, that all the North and the Month and the Mortes Parts of the Body, the Extremities of the Nortes are expanded into Membranes. "Tis therefore probable, the muf-cular Fibres are only Continuations of the nervous ones. See

The animal Fibres have different Properties; fome are foft, flexible, and a little elaftick: And these are either hollow, like small Pipes; or spongious, and full of little Cells, as the nervous and slothy Fibres above mentioned.

Others are more folid, flexible, and endowed with a ftrong Elasticity, or Spring; as the membranous and cartilaginous Fibres. Sec Mambrane, Sc.

A third fort are hard, and inflexible, as the Fibres of the

Bones. See BONE.

A hird for are hard, and indicable, as the survey or tee
Now of all their, again, from are very finable, and others definitive of all Scafes Some is very finable, and others of the centrary, to high, as the to be early perceived, and others on the contrary, to high, as a Microfropt, appear to be compeled of fill finalizer fibers. Their Driver, first confirms the Sudames of the Boas, Cartlage, Ligamean, Kombranea, Norrey, Voins, very, and different combinations of femo, or all of their perceived for the contract of the confirmed from the sum of the Langs, Somes, Low, Eag., and different combinations of femo, or all of their perceived from the contract of the cont

when fack external Force is removed, they will spain re-fine themicitive to their proper Discondina. It is after the proper in the spain of the spain discondinates below the spain of the spain of applica-tion of spay brine to threat h, it will break t as all 6 will defined by the spain of the Kowe form Hims of their Configuration of Farts, upon triviace and Properties of a Syrange with the Reshot, why it is offlicial to draw back the Embolas, who nile is, the spain of the spain of the spain of the spain of the threat of the spain of the spain of the spain of the whole the spain of the spain of

exactly assigned to the inner surface of the Barrel, as for prevent any Air pathing between them, when it is drawn up; it matters not what Figure the Barrel is of, fo that the Embolus is well fitted to it. A Cafe of Syringes there-fore might be contrived, wherein every Barrel may allo ferre as an Embolus to its exterior, which immediately in-

In this manner it is not difficult to imagine a continued Series of Particles, so put together, that they may be moved, and drawn upon one another, without suffering the after immediately to enter into the Interflices made by their Difftedition; whereupon as foon as that Force, which drew them, is removed, they will, for the very fame Reafon as the Emboles of a Syringe, rufh up again into their former Consection.

Contacts,

Consider.

As fuppose A. B. (Fig. 1.) two Particles touching one an-enbe in c. f: and G. D. two others, covering the drops file Sides of their Consulas. It is all to the fupposed, that on the other Sides they are covered with other Particles in the fame manner, as by G. D. Se that the Flaces of their Consular are on all Sides covered from the Air, or the In-finantion of any fluid Body.



If now A. B. by an external Force, greater than that of their Cohesion be drawn from each other, as far as G. I. near Cohedon be drawn from each other, as far is G. I said H. K. (in Fig. 2.) as foon as that Force is removed, they will sgain run into their former Contacts in e, f, (Fig. 4.) that is, if they are not fo far as to bring their transford Surfaces to coincide with C. and D, for then the Air, or circum-ambient Fluid will interpole and prevent their Reunica; fo that by this Contrivance, fo much of A. and B.

as is included by other furrounding Particles, is as the Em-bolus of a Syringe, and the Particle furrounding them as its Barrel. And therefore when A and B, are difficated from their Contacks in e.f. it will be with force Diffically? and when the diffracting force is taken away, they will a gain run up in their former Contacks juit as the Embolus of a Syringe, and for the fame reach. See Syringe, in differ the fame reach. See Syringe, in differ the fame reach.



It is not rigidly contended that this studies desirely be the Contenture of a Fibry, but only fome thing like this, where, by the Interfition of the interior Colors are covered by the tested on the interior Colors are covered by the tested of the interior Colors are covered by the tested of the interior Colors are covered by the tested of the interior Colors are considered by the interior colors are considered by the interior colors are considered to the colors and the colors are considered to the colors are considered to the colors and the colors are considered to the colors are colors are colors are colors and the colors are colors are colors are colors and the colors are colors are colors are colors and the colors are colors and the colors are colors are colors and the colors are colors are colors and the colors are colors are colors a for then the circum-ambient Fluid will interpose, that is, the

for then the circum-ambient Finds will interpreficate 5; the Thread will be brought. Armageness of 8 deciminate. The befields this possible Armageness of 8 deciminate. First, endowed with the brought subsect of in animal First, endowed with the Properties show-ementioned 1; the commoderate of the Properties of the Compilities and senters a common Capitals, or Covering, Parkicall, or Series of Euricea stready deferbed, not much multic the Prediction of the Bones, the Concentro of which covering, referabling that of a Nat, cancer any times of the cited Print animeter, by appreciable Differen-tions of the cited Print animeter, by appreciable Differen-tions of the cited Print animeter, by appreciable Differen-

tions of the other Parts. Supposing this, then, the Contexture of a Fibre, it will be necessary to consider, what farther Requisites are needful to put them into that State, which they are in, in a liv-ing Body, to show how they are maintained in continual Mo-tion, and what are the Confequences of it.

tions and what are the Confequences of it.

And it's, list needlifty or take notice, that all the Fibers
in a living Body are in a State of Dilitonion; the rist, they
are drawn out in one ageneter Langelt has the State Model,
which is demonstrable apone my Solutio Continui, as in the
transfered Divition of a Kerrye, Artery, for immediately
the divided Parts run up, and leave a great Dilitone hereven them; and the Flaids centarion between them, under
the Control of the Control of the Control
the their natural Diffractions are owing to fome Fluids being propelled into the Veffeis which they compole, with a Force greater than their Endeavours of Retitution, fo fir as to obtain a clofe Contact of all their transfert Sourfaces, but yet lefs than that which is necessary to diffract them, fo as to bring them into a Coincidence, for then the Veffels would

break.

2°, This State of Diftraction must necessarily leave Vs.

2°, This State of Diftraction must necessarily leave Vs.

and I.K. (In Sig. a.) which may be represented by the feveral Series of Faricles (Fig. 3.) which Vacuola will continue as long, as the longitudul Surface of its component
Parts continue to close to one another, as to prevent the lamantico of any foreign Matters, how fibelle forence between



For the fame Reason therefore, as when the Emboius of a Syrioge is drawn, and the Pipe is stopp'd; there must be continually a Nisus restituents, or an endeavour of Contrac-

There is also this farther Necessity of their being conti-nued in a State of Distraction, because if they were closely nnea in a case of Dilitation, because it they were closely to touch one another in all Parts, they could not be put into, and continue in those andnistory Motions, which they are always in, in a living Body, without being altered in their Figures and Contextures.

belis Figures and Camexciners.

"I though assumiting that I maintal Jiffers we centi"I though assumiting that I maintain Jiffers we centiget a state of the property of th

Upon this View there arifes a very natural Explicatof feveral Terms Upon this View there arties a very natural Explication of forcard Terms, mech sied by modernial Witters in feet an 20 Direction, Describing, Friendson, Canadana Michael and 20 Direction, Describing, Friendson, Canadana Direction, of the Solidas; all which are bed difference ways of expressing the version Modifications and Directions ways of expressing with which are bed directions ways of the Modification and Directions ways of expressing the version Modification and Directions ways of expressing which was not been supported by the Moderation of the Computer of the Moderate ways of expression it is a feterwards carried on. Supposit these the Principles, 13 control to Moderate Mo

in fach a State of DiffratGon, as before mensioned, it in certain by Ref. -, that in all in Frest there has Alpha refli-tational. Where, then, any external impulsis mode against the state of the state of the state of the state of the better of the state of the state of the state of the be more diffratGod, than in any other Party and then-by will there he arguest Faderwoor of Reflinition. As therefore the Impulso patting on towards, all the conflictant Mechanics, 1, 2, 5, 4 will facefordly smore after one

another. As the Master Hill more pides, let a Preview of survey be expected at |p| E_0 , a density which repredent a |p| E_0 , a density which represent a |p| E_0 and E_0 density which we have been certain, than that if it were not for the Richitzuce of the Sides of the Arrey at Z. In the Z is the Zanother. for, wherein their Endeavours of Reflittation unit exceed the Impulo which ratified or diffraction them, their con-tractile Powers will draw them again into the fame Dime-fons; and confinement the Blood will be thread froward in-to the next Section of the Artery, and fo on facetifficed from one to another, there the whole Courfe of in Circu-lation; the Contraction of one Section of an Artery being the Contraction of the Recold Impulsi againty, and rating

the true Caule of the Blood's Impulie against, and raising

Fig. 4. E_____C Λ.....

France is info field in Physicis, for long, fine Parts, or Threads, whereof other religion for the property of which prevent their being finishe, or letter, "Troot, Plants, and France have their Fibers, or Capilla-ments; which are Modifications of their woody Subfines, which are Modifications of their woody Subfines, See Parks," Woon, 25°. In the Percelving, or Pias, See Parks," Woon, 25°. In the common Ung. Fiber is only applied to the dis-tinct of their property of their property of their property. Karley vers gives Fibers are the Senses and exclusion.

der, capillary Roots of Plants.

Keffer even gives Fibers to the Sears; and capiains fo-veral of their Motions from the Situation of their Fibers.

FIBRILLA, a little Fiber, or Capillament. The Word is a Diminustive of Fibers. Each Fibre is divisible into a number of letter Threads, called Fibrille. See First. R. FIBULA, in Anatomy, one of the Bones of the Leg, called also Feyern, Gura, and Peelle minus. See Bons,

Lzo, Focie, &c. L.ro., FOCIL, 26c.

The Fibula is the outer, and flenderer of the two Bones
of the Legs and yet, notwithfilanding its being more expolicit, and its being much weaker than the inner Bone, or
Tibla, its not so often broken, as being more pliant and
flexible; for that the Tibla often breaks, leaving the Fr bula entire.

balts entire. The Hotel's igin'd or arriculated with the Tilks, at both Inda's, by a kind of colid Arthodia. Which is a round Read, which terminates a little before, which is a round Read, which terminates a little before, which is a round Read, which terminates a little before which is a round Read, which terminates a little before the read of read in the read of the read of the read is a little of The Judicial is very fineday, lang, and triangular, like the received into a Sinus of the Tilks, and then Roston teali-te a large Process, called the Malicolous internas, or cuter Anales it is a little bollow on the Indice, to give Likeyu-and and the read of the Tilks, and the course on the Out-Sinus the read of the Tilks and of the Tilks and the Arthogalous. the Aftragalus,

the Aftergates.

The Tibia and Fibrils only touch at the two Extremes,
like the Radius, and Ulna: The Space between them is
filled up with a flrong membraness Ligament, which ties
them together, and firengthens the Articulation. See Ti-BIA.

FIRMLA, Button, in Surgery, an Inflamment in use among the Antients, for the closing of gaping Wounds. Cellus speaks of the Pibula, as to be used when the Wound was so patent as not easily to admit of being

Authors are fomewhat at a lofs as to the Form of the Fibrile. Authors are formewhat at a lots at to the form of the trainer, Guide fay, they were made of iron Circles, or Semi-circle, bent backwards both ways; the Hooks whereof being failend on both Sides to the Wound, answer'd extelly to catch other: But, as this must have been an insupportable Pain

other: But, as this must have been an inappearance and to the Patient, this Definition is generally for affaile Falloyins, Santierius, and others, take the Fibula have been, in reality, no more than the fewing up of the Wound with a Needle and Thread, nied at this Day. See SUTURE

FIBULÆUS, in Anatomy, a Muscle of the Leg, call'd fo Peroneus primus. See Peroneus. FICUS, a kind of Wart, or Excrescence, yielding a very

FILOS, a sind of Wart, or Exercicence, yielding a very flinking Sanine, strings fooretimes on Fractures of the Skull, but more usually about the Fundament, and Puenda.

The Physician more usually call it Sarcoma, of only, Fleth. See Sarcoma.

Fieth See Sarcoma.

Fieth. See Sarcoma. FIGHANT, Figens, a French Term, used in Fortifica-tion: Thus, a Flank Fiebaut, or a Line of Defence Fiebaut; is the Place, whence the Sbots are made, that not only rate the opposite Face to be defended, but also enter with-

in it.

in it.

The Word is form'd of ficher, to flick a Thing in.

FICRE, in Herskley; for Firenza.

FICTION, for Fazza, Fazza-Razacz, gc.

FIDDLE, for Viceins.

FIDE-Fight, in the Civil Law, is the fame with Reposition, Adpressingly, Sponfor, Fractes, and Vades; that, a Surery, or one that obliges binnell in the fame Contract with a Principal, for the greater Security of the

track with a Principal, for the greater Security of the Creditier, or Stipulator.

FIDEL-Commoffum, in the Roman Law, the appointing of an Heir, or Boqueathing of a Legicy to a Perion, on this View or Condition, that he furrender the Inheritance or Legacy to another Perion, for whom the fame is originally meant: Or, it is an inheritance left in truft with any one, for the use of another. See TRUSTEE.

gollary discrete. On it is an influentance left in treat with any Filed-Carmigh sever much is columning the Remans. In the French Law the thing is become colors a participa, colli-when the Law field of the Carming of the Carming of the whom the Law field out priling to the point. In order to this, four Friend was choice, where they unded to make legal liter, under a such algoriment, to before the Succession (applied in the Arming of the Carming Carm

Períon.

A Fidei-commissionary Heir had a Right to referve the five-distinct brearth to junifeli as a Telliment was real period of the property of the property of the property of the property of the Period Commissions retired to accept the Trust, spon which the Telament fell to the Ground's Trust, spon which the Telament fell to the Ground's Trust, spon should be property of the Ground's of Advances, the Propriets Sentent-Conditions of Advances, the Propriets Sentent-Conditions of Conditions of the Propriets Sentent-Conditions of Conditions of the Propriets Sentent-Conditions of the Propriets Senten 2 Fourth of the Fidei-commiffum.

By the Trebellian Senatus-Confultum, a farther Regula-

tion was made. And in courie-of Time, the two Senatus-Confulza, the Pegaffan and Trebellian, came to be con-founded under the Name of the Trebellian. FIDEL Traffa, in the Civil Law, a Security, or Gua.

ranty. See GUARANTI

FIDICINALES, in Anatomy, a Name given to feveral Muscles of the Fingers, called also Limbricales. See Lum-ERICALLS Monus

SELE, the fines with Read, or Fet. See FET.

FIELD, is Agriculture, a piece of Land, or Greated inFIELD, is Agriculture, a piece of Land, or Ground inFIELD, Compies, in Audiquity, is frequently side for a
FIELD, Compies, in Audiquity, is frequently side for a
FIELD, Compies, in Audiquity, is frequently side for a
FIELD, Compies, in Audiquity, is frequently side, for

Fee, is Read and the Secondary of the Secondary

Fee, is Read's the Fold of Many, Compies Meliy, among

on Alacathers, (See Colsarya.

On Alacathers, (See Colsarya.

Level Delty, bull therein. I was the Stem, or Fixed of

the Alffendbles colled Granific. See Colsarya.

USA

fuls Brusss and Collasinus reftor'd it to the publick Use of from their Colours; White, Violet, Black, Purple, Green, and Ruddy: The White are effected the best: The Black

Among the more Modern Heralds, Field is less frequently used than Shield, or Escutcheon. See Shield, and Es-

CUTCHEON.

ENTERION.
FIRED of a Painting, &c. is more usually call'd the
Ground thereof. See Ground.
FIELD, in War, the Place where a Battle was fought—
The General remaind Matter of the Field of Battle—
Coffe Field was antiently a Place inclosed, or rail'd in with
a Barrier, for Julia and Turnstenate to be performed. See

a Bartier, for Julia and Turnamente to be ordered, see Bartier, for Julia and Turnamente to be ordered, see Bartier, Julia and Turnamente Julia and the Gaussian State of the Countries and State of the Countries, and worker and the Army in the Parlies fash a Kerny in the Parlies fash a Kerny in the Parlies fash and worker and the State of the Countries and worker fash and the State of the Countries of the Countries and Army, in the State Gartier, in Parlies Lindow, and the Countries and State of the Countries and Mark State of the Countries and State of th

Matches, when they are on Command. And this is called, arming the Field Staffy.

Fityfoar Fixtons, fee Exystan Fields.

Fifter, Factor, is a Writ Judicial, that lieth at all times within the Year and Day, for him that hath recovered in an Action of Dott and Damages, to the Sheriff, to command him to levy the Debt, or the Damages of his Goods on him action, when he is recovered.

has gainful whom the Recovery as the Manages of this woods on any againful whom the Recovery Assistant againful whom the Recovery againful whom the Recovery againful whom the Recovery against any City, Borough, or other Town thomby the Realm; so by the Poll, or upon the Manages and the Realm; so by the Poll, or upon the Manages and the Realm; so by the Poll, or upon the whom the poll of the Realm; so by the Poll, or the Poll, or the Realm; so the

that Man, but in general upon the wause city, or Assum. See Taristres, Tax, &c. It is fo called, because amounting to a Fifteenth Part of that which the City hath been valued at of old or to a Fifteenth Part of every Man's personal Estate, according to

Effective Part or every same personal pirate, according to a residuable Valuation.

This is imposed by Parliament, and every Town thro' the Realm knows what a Fifteenth for themselves amounts to, because it is always the fame: Whereas the ability which is ratified of every particular Man's Lands, or offood, must need be uncertain. See Susury. In this View, the Fifteenth focus to have been a Rate, and the surface of the second property of the second proper

antiently laid upon every Town, according to the Land or Circuit belonging to it. Cambden mentions many of these Fifteenths in his Britan.

vie. pag. 171. Bath geldebat pro viginti bidis, quando Schi-ra geldabat, &c. And p. 181. Old Sarum pro quinquaginta bidis geldabat, &c. Which Rates were according to Domef-The Fifteenth therefore forms in old Time to have been

a yearly Tribute in Certainty; whereas now, though the Rates be certain, yet it is not levied but by Parliament.

The imperfed, or defedive Fifth, by the Antients called Semi-Diagente, is lefs than the Fifth by a mean Semi-tone. See Tons, and Semi-rose.

FIG. Figur, a foir, facet, delicious Fruit; the Produce of a Tree of the fame Name.

There are Figs of divers Kinds; chiefly denominated

and promote Maturati

and promote Maturation.
Fig are dried, either by a Furnace, or the Sun. The Latins call them Carice, or Figur peoffs, when this dried. In this Condition they are used both as Medicine and Food being both the whole/omer, and easier of Digettion, for being thus clear? of a deal of their aqueous and visied Para. The Word is form'd of the Latin Figur, and that of the Greek 50... I produce; by reason the Fig Tree is a great Bearer, and has usually two Crops a Year. The best Figs are the Produce of Italy, Spain, Provence,

&c. The Hands of the Archipelago yield Figs in great Abundance; but they are much inferior in Goodness to those of Europe. The Greeks in those Hands cultivate them with wonderful Care, and Attention; as making the prin-cipal Food, and a confiderable Part of the Riches of the

Country.

Country.

They have two Kinds of Fig Trees, the first called Or105, or the wild Fig Tree; the focand, the domestick Fig
Tree. The wild, called by the Latin Castrifiens, yields
facceffively three forts of Frits, called Fornites, Oratives,
and Orati, none of which are of any use as Koodts, but all abfolutely necessary for the ripening those of the domestick Fig Tree.
The Art of cultivating and ripening these Figs, makes a poculiar Art, by the Antients called Caprification; often

fpoke of among them in Terms of Admiration. Some of the modern Naturalitis have look'd on it as a Chimera but Monf. Tournefort has affaired us of the Contrary, and given us that Process, as he learn'd it upon the Spoes, which fee under the Article Con-

e under the Article CAPRIFICATION The Generation of the Fig is somewhat anomolous; the

The Generation of the Fig 2s formewhat anomolous; the Flarts indirection to the Office in other Plants; i.e. the Flower, not being here apparent. But the Anatomy of the Flower, not being here apparent. But the Anatomy of the Freit helps out of the Difficulty.

Monf. de Ist Hire the younger, in the Memoirs of the Fr. Academy, shews, that the Fig is a Flower, as well as a Fruit. By Diffiction it different all the Estentials of a

eve. Stamins, Apices, and a Farina fecundans, hew this, that ingenious Author divides the Length

Flower, we Stumber, Apices, and a Parina fromadam.

To flow with, an imposition Author divide the Length To flow with, at largenise Author divide the Length To flow with, at largenise Author divide the Length Hill. Fig. a. The field of which, A, being the next the Tedesic, and much the general, consists the Cribbs, or Seed of the Fig. Their Seeds are fittle Stones, represented by Indiana, and the Frenchynna; This Galya is fixed to a pretty represent the Tennachynna; This Galya is fixed to a pretty represented in the Frenchynna; This Galya is fixed to a pretty represented in the Frenchynna; This Galya is fixed to a pretty represented in the Frenchynna; This Galya is fixed to a pretty represented in the Frenchynna; This Galya is fixed to the Leaves, like before represented in Eggs. 4 which are from the Comparison of the Comparison of the Fig. 5, 19 and 19 and

FIGURATE, or FIGURATIVE, that which has relation to a Figure; or that teaches under some obscure Resem-A Figurative Stile is that which abounds in Figura

A Figuratic Site is that which abound in Figure.
The figurative Site is, Tambuson of Geres, is nother the
figurative Site, Tambuson of Geres, is nother to
the figurative site, and the figuration of the
two the figurative the figurative Experdition, is the temping to the most
proper, and natural way, have almost all worse well. Start
proper, and natural way, have almost all worse well. Start
formation, the figurative figuration of the figurative figurative
formation, the figurative figuration of the figuration of the
Grammarian, reduce that proper in all Languages, which
as figure, and the figurative figurative figuration of the
best of the figurative figuration of the figurative
by a Figure, than when in figurative figurative
H Tames.

that figurative Expressions denote not only the principal Matter, but also the Emotion and Passion of the Person who fpeaks The Term figurative is also much used in speaking of the Mysterics and Figures of the old Law. Thus, Manna

is faid to be figurative of the Eucharift. In the Greek Grammar, figurative is also used for what we otherwise call characteristics, vis. a Letter that charac-terises certain Tenses of the Greek Verbs; or that diffin-

teries cerain Tenies of the Greek veros or that chim-quiftes, and flectifies them.

In the first Conjugation of the Baryreneus Veros, the o is charafteristick, or figurative of the Preterity and the 4-of the Fature. See Chimacteranterica. Frougate Counter-point, in Musick, is that wherein there is a Mixture of Difcods along with the Concords. See COUNTER-FOINT.

Figurative Counter-point is of two Kinds: That wherein the Differeds are introduced occasionally, to ferve only as Transitions, from Concord to Concord; and that, wherein the Differed bears a chief Part in the Harmony. See Dis-

"The a Rule in Composition, that the Harmony must always be full on the accenced Parts of the Bar, or Measier i.e. Nothing but Concords are allowed in the Beginning and Middle; or the Beginning of the Sarte half the coff in common Time; and Egginning of the latter half thereof in common Time; and the Beginning, and first three Notes in triple Time. But upon the unaccented Parts, this is not to necessary: But Discords may transfertly pass there without any Offessee to the Ear.

This the French call Supposition, because the transient Difered supposes a Concord immediately to follow it. See

Where the Difcords are used as a felid, and substantial

Where the Difereds are seed as a folid, and furtheration Part of the Harmony, the Country-inear is prosperly called the Harmony of Differed; See Harmony of Differed; See Harmony of Differed; See Harmony of Robins, the Settler, or terminating Extension of a Roby.

All Bodies have fome Figure; where, Figurality, is generally such among the efficial Properties of Body Matter. See Mattrial, when the Properties of Body See the Roby See the Properties of Body See the Properties of

nite Body. See Infinite. ers account for every thing

The corpufcular Philosophers account for every thing from the Figures, Bulks, and Motions of the Atoms, or rrom the Figure, bulks and statement of the primary Corpulcies. See Correseourar.

The Earth is of a spherical Figure, or rather a spheroidical. See Earth. Saturn sometimes appears of an Ellip-

tick, or Oblong Figure. See Satuan.

For the Figures of Bodies, consider'd as Objects of Sight,

fee Vision.

The Author of a Collection of Differtations, printed at Paris, in 1715, thews in the fift Differtation on the Hebree Medials, 6.6. That the fews were allowed to make any kind of Figures, or Images of Trees, Flants, Flowers, Buildings, 8.6. excepting those of Animals, the Sun, Moon, and Stats. See Indians.

Figure , see Isaacs.

Figure , is particularly used by the Philosophers, in position to effential Form. See Form.

There are Bodies of the same nature, and they only dif-

The Schoolmen dispute, whether or no the Quality of Figure be the same with that of Form; and if they differ, what it is conflitutes the Difference.

Beetins will have Figure only predicated of insnimate Bodies, and Form of animate. Others extend Figure to all natural Things, and Form to all artificial ones: Whence the Veric.

Formam viventis, pichi die effe Figuram.

Lafly, others apply Figure indifferently to all kinds of Bodies, but not in all Relations. If only the bare Circumsterners of confider d, they call it Figure 3 but if the Circumstrance be confider d as caded with Colons, then they call it Figure 3 but if the circumstrance be confider d as caded with Colons, then they call it Figure. Figure 2 is also applied to all Representations, or Images of Things, in Prints, \$\mathcal{C} such as Book in printed with Figure 3 in Prints, \$\mathcal{C} such as Book in printed with Figure 3 in Prints, \$\mathcal{C} such as Book in printed with Figure 3 in Prints, \$\mathcal{C} such as Book in printed with Figure 3 in Prints, \$\mathcal{C} such as Book in printed with Figure 3 in Prints, \$\mathcal{C} such as Book in printed with Figure 3 in Prints \$\mathcal{C}.

The Figures, or Schemes in Mathematical and Physical ritings, should be made to fold out of the Book. The Page 12 Age may have the Figures more neat and accurate on Copper.

Figure, in Geometry, a Surface inclosed, or circumscribed with one or more Lines. See SURFACE.

Such are Triangles, Squares, Polygons, Circles, Ellipfes, Sec. which fee.

Welfins defines Figure a Continuum, terminated by a Pe-In which Sense Figure is applicable both to Superficies

and Soilds.

In the former Cafe, the Perimeter is Linux in the faccool, Sortines. See Fra 111111.

Figures are chief Refilimers, or Carviliners, or Mins,
stream, or Mins,
stream,
stream, or Mins,
stream,

An Equilateral Figure is that whose Sides are equal-

Sec Equilateral. A Figure Circumsferibed, and Inferibed, for CIRCUM-SCRIBED, and INSCRIBED.

Similar Figures, foe Similar Figure.

All Similar Figures, both Regular, and Irregular, are in a duplicate Ratio of the homologous Sides.

A Regular Figure is that which is Equilateral, and E-An Irregular FLOURE is that which is not both. See

Figuras, in Conicks, is the Rectangle, made under the Latus rectum, and transversum in the Hyperbola, and El-

Figure of the Diameter. The Rectangle under any Dia-meter, and its proper Parameter, is in the Ellipsis and Hy-perbola called the Figure of that Diameter. See Dia-

METER. Figure, in Painting, and Defigning, is the Lines and Colours, that form the Representation of a Man, or other

Animal. See DESIGN.

Assumal. See Distion. These were above an hundred Figures in this Fiece Such a Figure is knot, &c.

But the Term Figure is in a more immediate and poculiar meaner understood of human Perfungation in the
Painning is find to be full of Figures, when there are aboutdance of Reprecionations of Mens: And a Landthip is withthe or Figures, when there is nothing but Treet, Finans, Monn-

cance of Representations of the state of the

tues, &c. tuct, US. In this Senfe we fay, Figures of Brais, of Marble, of Suck, of Plafter, US. But in this Senfe too, the Term is more ufuslly applied to human Repredictations, than other Things. Thus we fay, an Equestrian Figure, for a Man on

Horfeback. See Status.

Daviler, however, observes, that those, either represented firting, as Popos, &c. or knocling, as their on Monuments, &c. or laid all along, as Rivers, &c. are more properly called Figures, than Statues.

Figures, trans Statues.
Figures, in Heraldry, a bearing in a Shield, reprefenting, or refembling a buman Face, as a Sun, a Wind, an Angel, See Among the Mafters of Defence, Figures are the discovering Guards, Feitures or Dispositions of the Body, Arm, or

which usually enter first, within the Shade at the Time of great Eclipses, and also emerge the first. See Moon,

MACULE.
FIGURE, in Affredogy, a Description, or Draught of the
State and Disposition of the Heavens, at a certain Hoar;
containing the Places of the Planets and Surar, mark id down,
in a Figure of twelve Triangles, called Hospir.
This is also called a Horoptope, and Theme. See Ho-

OSCOPE, Efc.

In Geomancy, Figure is applied to the Extremes of Points, Lines or Numbers, thrown, or caft at random; on the Com-binations or Variations whereof the Sages of this Art found their fantaftical Divini

FIGURE, in Fortification, is the Plan of the fortified Place; or the interior Polygon. See Porvoon, Sec. When the Sides and Angles are equal, 'its called a Re-gular, when unequal, an Irregular Pigure. See Recu-

LAR, EC. FIGURE, in Dancing, the feveral Steps which the Dancers make in Order, and Cadence; which mark divers

Figures on the Floor.

FIGURE.

The most usual Figures of such Designs are Flowers, imi-

The most shall Riguers of their Defines are Elevers, incl. asset from the Life, or Grotefices and Comparisons. Or gard lens, Negretionstones of Mon. Reshi, Black, Landing and Statis, particularly those clastic Azerci, have began as prevail among as.

"In the Wood of the Grotefic and the Riguers." The "The Wood of the Grotefic and their growt Statis, and the Comparison of the Comparison of their growth Statis, and the Riguers of the Define with the Workman, how for be under the Riguer of the Define with the Work which is to be paid to the Riguer of the Define with the Work which is to be paid to the Riguer of the Define with the Work which is to be paid to the Riguer of the Define with the Work which is to be paid to the Riguer of the Define with the Work which is to be paid to the Riguer of the Define with the Work and This force calls the This Riguer.

reading the Defign. See Design. For the Figures on Tatestry, Brocade, &c. fee TATI-STRY, &

For those given by the Callenders, Printers, &c. fee CALLENDER, &c.

Figuras, in Arithmetick, are the numeral Characters; or the Characters whereby Numbers are express'd, or wrote-See CHARACTER.
Thus the Number four hundred and fifty, is wrote, or

Thus the Number four hundred and fifty, is wrote, or expected by three Figures 450.

For the Antiquity, Ufe, See, of the Numeral Figures, fee Numaran Character. The Figures in Arithmetick, are the nine Digits; 1, 2,

3, 4, 5, 6, 7, 8, 9, and o.

Frours, in Logick, a certain Difposition of the Terms of a Syllogism; particularly of the Medium, with regard to

the Extremes. the Extremes.

**Chanvis defines it, a proper placing or connecting of the middle Term with the Extremes, to as to have the Hiffel of a Proof, or Conclutions. See Syttopostas.

Hence it follows, that there are for many Figures of Syllogifms, as there are different Connections of the Extremes with the Medium: So that, tho' the School-men ordinarily

ealy reckon three; yet a fourth might be admitted.
For the Medium may be either prefix'd to both Extremes;
or fubion'd to both: Or, it may be before the Major, and
after the Minor; or before the Minor, and behind the Ma-

If it be after the Major, and before the Minor, it is If it be after the major, and decore the minor, it is a deally called the First Figure; this forming the nearest way of arguing to the natural way.

If it be before the Major, and after the Minor, it is called the Fourth and Last; and by the Peripareticks, the Indi-

reff, and by others, the Galenical Figure ; as varying too far from the natural Form. If it precede both, 'tis called the Second Figure.

And it it follow both, the Third Figure; as in the following Technical Diffich:

Prima infra, & fupra: fupraque bis, Altora: bifque Tertia vult infra medium: fupra, Utima, & infra.

A Syllogifm, therefore, of the First Figure is that where-in the Medium is feverally join'd with both Extremes of the Conclusion, to as to be predicated of the lefter; the Con-clusion being isometimes Attirmative, and formetimes Negacause occup comermes atternative, and conclines rega-tive. In that of the Stream Figure, the Medium is pre-clicated of both; and the Conclusion is always negative. In the Third Figure, the Conclusion, which in the former Cafes is fometimes General, fometimes Special, is always Spo-cial control of the Conclusion of the Conclusion.

The Fourth, called the Indirect Figure, fome prefer before all the others; by reason tis in this alone, that the Medium or mean Term has its natural Situation, vis. in the

sections or mean Term has its natural Simutice, join in the Middle, between the Extremities; it being in the retil to move than a Medium by Office: But in the Fourth Figure, the Medium is in the middle Figure. Limiting the Extreme that the Middle Middle Middle Simutice of the Medium. The Middle arguest the Middle Middle Simutice of the Medium. The Middle Arguest Middle Middle Middle Simutice of the Medium. The Middle Arguest Middle Middle

Flours, in Rhetorick, is an Ornament, or Turn of Speech or Discourse, finer and nobler than what is used in natural, of Discourte, more and around or or ordinary stalking.

Figure; by the Greeks called Schemata, are the Enrichments of Discourte, which we only use when railed and moved with the Confideration of some thing extraordinary.

ce Sublime.

There are two kinds of Figures; the one of Sentences,

and contained in the Sense it felf, without any immediate Dependance on any particular Words 3 the other are only in the Words themselves.

in the profile themselves.

Of the Frounzs of Senteness fome are defigned to move a others to teach, and others only to delight: Of the first kind, the most confiderable are, Exclamation, Insprecation, Observation, Interrogation, Conditions, Preserving, Expedituous, Interrogation, Conditions, Preserving, Expedituous, Expedituous

Epiphonema Those of the Second, are the Antithofis, Correction, Com-

Their of the Second, sector amount amountain, and Supersion.
Those of the Third, the Agelraphe, Hipparpolit, Tra-Physiological, and Projugraphia. See each under its proper Head, Exchana 1900, 42°, Fept., i.e. Traditions of World from Head, Secondary, See 1900, 190

sonyor, Symichele, From, and Streeting, attenueurs re-tementals, and spirite, Wirterl, specify to called, and not through the street of the street of the note through the street of the work, that upon changing of those, the Egyer's defined as in Amazer four America, where the Figure would be full, if indicad of Or their, the principal raw, the Egyerise, Courelline, Complexies, Graduine, Symanyor, Philybutone, and Pe-sylviane, Release, Symination, Similands, Persona-tive Court, Company, Company, Philybuton, and Pe-sylviane, Release, Symination, Similands, Persona-tion, Alatsony, Mattonowy, Stretcholms, 1-RONY, SARCASM, &c.

RONY, SARCASS, SEC.
FROWA, in Grammar, is an Expression that deviates from the common and natural Rules of Grammar, either for the fake of Eleganey, or Brevity. The best Grammarians only reckon four Figures; the Ellipsi, Floundin, Syllessia, and Hyperbaton: Others add two more, viz. Antipositi, and Enablage. See each in its Flace, Entirely, PLEONASM, SC.

FIGURE is also used among the Divines, for the Mysterles represented or delivered obscurely to us under certain Types or Association in the Old Testament. See Type.

Thus Manna is held a Figure, or Type of the Eucharift The Death of Abel a Figure of the Suffering of Civils. Many Divines and Criticks contend that all the Actions,

Difference of the second of th DEVISE, &c. FIGURED, in the Manufactures; A figured Camlot, Stuff, Tabby, &c. is that whereon there are divers Defigue of Flowers, Figures, Branches, &c. imprefe'd by means of

Sec CAMLOY FROUREN Velver, fc. Verver.
Frouren Velver, fc. Verver.
Frouren Ribbonds, first came into Fashion about the
car 1680. The Method of Performance was by succes-

Year 1680.

Frowns Risbond, first came labo Fallmon store the first partial process. The state of the process of the proces

is Ngwyd in less 11mc tasn a ungo 12rd count pe course in the ordinary way. See Rissons.
FILAMENT, in Medicine, Anatomy, Nat Hiftery, See a Term ufed in the fame Senfe with Fibre; for those fine Threads, whereof the Fielh, Nerves, Skins, Piants, Roots,

Threads, whereof the Helfs, Nerves, Skim, Pients, Roots, &C. are composed. See Pinnas. Cell LANDERS, in Falconsys, 20 Hiscolo Hurber, &C. Ella ANDERS, in Falconsys, 20 Hiscolo completed conditing of Filmens, or Strings of Hosel Control (1998), which she Blood currenting, hardens into Points His Needles, to the great Amonyance of the Richos, High SC. Finnas Pinnas and Son Son Control (1998), which was a fine to first the New York Control (1998), which was a single control (1998) and which, or force Oracles, to the Great Anney Lander (1998) and which, or force Oracles, and of Service, a thrift food in the Superinteries et al. There

There are five kinds of these Filanders, or Vermiculi.
The first, in the Gorge, or Threat; the second, in the Belly, the third, in the Reins; the fourth, are called Needles, on account of their exceeding Finencia. The Symp-Delly, the third, in the Ricins, the fourth, are called Nec-dics, on account of their execcing Finerers. The Symp-toms that differer the Diffield, are, the Birds garing free continues of the Birds of the Birds garing free rectivities in the Digits; maffling her Train; rabhing her Eyes, Wings, Notirils, 62-As the Worms are very refiled, the Bird is frequently endeavouring to cut them up; and in opening his Mouth will alread, 90 the Jarwen. Birds in 58- and once over the

will afcend to the Larynx, Brain, &c. and over over the whole Body.

wide Joony. The ordinary Caufe is had Food. The Care is, not by killing them, for fear of Imposhhumes from their Corruption, but chiefly by stepliying them, that they may be offensive but feldom.

funitive but feldom.
This is held effected by making the Bird fwallow a Clove of Garlick, after which fhe'll feel nothing of the Filinders for furty Days. Others use Rue, Worm-powder, Allocs, Vervain, Saffon, gf.,
"The, Word is form of the French Filanders, of El,
"The, Word is form of

Thread.

FILAZER (from the French Fil, a Thread, Line, or Strlag) is an Officer in the Court of Common Pleas, fo called, because he files the Writs, whereon he makes out Process. Of these there are fourteen, in the several Divifions and Counties.

form and Counties. 12 HFTs, and FFFself upon engined.
They make out in HFTs, and FFFself upon engined.
They make out of the Counties, and make a greater and unled, cuturable in that Court. See Warr, Self.
In Albom neverly perfound, where the Deleadants reading the month, they make out a Part for a placementary, years not, they make out a Diffringers, and for All principles, or till be does appear. See Distrances, Self. 21 to 18 to 18

may proced to Outlowry, in the County when his Original is promoted, and have an Engine with Predimention.

In promoting, and have an Engine with Predimention.

Allians, where the View is prayed and spon Replevina or Recordars', Wein's of Renorms hadend, Second Delical Control of the Processing of t

common Hazic Nut. They delight in a fine, mellow, light Ground, but will grow almost any where, especially if defended from violent

and cold Winds.

and cold Wioss. The Tree is easily propagated, bears well, and is of two facts, the White, and the Red 5 but the former is the belt. FiLE, an Inframent of Steel, cat in little Hatches, or Farrows; ufed by the Workmen in Metals, to fmooth, polific and fulfion the faune. — Filet bear a near Referenblance to Rafps: The only Difference between them, is that the former are cut with Edge Tools; and the latter punch'd with pointed ones. See Rase. The File is a principal Instrument in all the Kinds and Parts of Smithery.

Parts of Smithery.

It floudd be droped of the beit Steel 1 efter which rub
It floudd be droped of the beit Steel 1 efter which rub
led it was the being the steel to the steel the Chil
ton of the steel to the steel to the steel to the child to the steel to the steel to the steel to the steel to the required. After entiting the Fife, it remains to be tem-gred a which being the principal Spittery in the making of Fife, then, are tempered with a Computition of Chimney Scoth, var of y₁, and that, differed and world a up with Union and Vinegies to which is added common Sait. The Nov. the Fife them can, and rubble over with vita-

Now, the Files being cut, and rabb'd over with Vinegar and Salt, to foot off the Greafe laid on it for the cutting, they cover them over with this Composition; and having

laid feveral of them together in a Packet, and cover'd them in Loam, they put them in a Charcoal Fire: Out of which they are taken out again, by that Time they have acquired a Cherry Colour, which is known by a lirtle Rod of the time Steel, put in along with them. Upon taking them out, they east them into the coldest Spring Water

them our, say they can get live a more intenfe Heat, than Steel ones. Iron Files require a more intenfe Heat, than Steel ones. When the Hild are cold, they clean them with Charcoal, a Rag, Efe. to take away any of the Soot or Feeces left in the Cattings: Then drying them before the Fire, they put them up carefully in a Box of Wheat Bran, to keep them

them up carefully in a box or wises area, wants of the market, from railing, different Ferms, according to the different Ferms, according to the different Ferms, according to the System, Rein, Triangular, Halfwared, Reinar, Tribe File, Kee, all the Degrees of Finences, to rate place, according as the Work is more or lefs advanced; Some eating follow, at the raing with the second of the secon &c. See FILING

8c. See FILINO.
FILE, is also a Thread or Wire, whereon Writs, or other
Exhibits in Courts, or Offices are faffen'd, properly called
Filed, for the more side keeping them.

IT IT, or Label, in Heraldry, a bearing of this Form; the' fometimes of more,
and fometimes of fewer Points.

It is fometimes born as a Charge in a Cost of Armour, of which Guilling gives many Indiances:
But it is usually the Difference or Mark of Diffinition, which the cloter Rother bears in his Cost, during his Fathers Life. See DIFFRENCE.

Some diffinguish File, and Label, calling the File the upper horizontal Line, and the Label the Point, that lifties.

pro- months and the and the Label the Long, that much com it. See Label.

Fill of three or more Labels, fee Label.

Fill in a Military Senfe, is a Row of Men flanding one chind, or below another from Front to Rear.

FILLAL, fonething belonging to the Relation of Ston.

Stone Divines usually distinguish between a Servile, and
a Filled Fear. The most abundand may have a Servile
Free of God, fear as that of a Silver to his Mafer; he has to
a Filled Fear, i. a. a Fear relating from Love and Refged.
FILLED STONE AND ASSESSED ASSESSED

In Latin it is called Filatin elaboratum opus, argentum, aurum. This Cabinet is furnished with divers fine Pieces of Filligrean Work. Vases, Torches, &c. of Filligrean

The Word is a Compound of Fil, or Filmm, Thread, and

The Word is a Composed of File or Filest, Thesad, and Grant Collan.

Control Collan.

On the Principal Control of the Colland Colland

NNO.

The bafter4-realt's File is to take out the two deep Cuts, and File Strokes made by the reagh File. The fine-twott's File takes out the Cuts, or File Strokes the Baltard File made. And the fineath File the file of the File. I be the Green Cuts are to faced on the file. After the File. of feveral Cuts are to faced eacher, tail the Work is as finooth as it can be filed. After which it may be made yet finoother with Emery, Tripoil,

which it may be made yet monther with Emery, 117pm, Eff. See Peasures, q. d. The Son before the Father, FILIUS ante Patren, q. d. The Son before the Father, a Phend a piglid to Beausilia and Faritis, to Fissus, who's Favertu come cut before their Levre. For the Peasure of Peasures, the Peasures of Peasures Faritis and Ligitumes turbe the Togges, now faulty citled the Freezes, or Beidle. See Faxerss. Fitzers, in Bearting, is underited of their Threads will-by found in the middle of Flowers; as in the Lilly, Theiry, Refs. Efc. Rose, &c.

There are two Kinds: Those which support Apices, are articularly called Stamina; and those which have none, satisfully called Mamina; and those which have none; fimply Fillett. See Stamina.

Fillett, Temista, in Heraldry, a kind of Orle, or Border, containing only a third or fourth Part of the Breadth of the common Border. See Bon Perr.

It is fupposed to be withdrawn, inwards; and is of a different Colour from the Field. It rans quite round, near the

rent Colour from the Field. It rans quite round, near the Edge, as a Lace over a Closk. Filler is also uted for an Ordinary drawn, like the Bar, from the finisher Point of the Chief a-cres the Shield; in manner of a Scarf; the' it is formetimes allo feen in the Si-

tuation of a Band, Fels, Cross, Sc.

According to Guillim, the Filler is a fourth Part of the Chief, and placed in the chief Point of the Eleuteheon. See

FILLEY, or FILEY, in Architecture, a little square Mem-ber, or Ornament, used in divers Places, and on divers Oc-casions; but generally as a fort of Corona, over a greater Moulding.

Meedding.
The Fillel is the fame with what the Frenc's call Regiet is the Indians, Lift, or Lifetia; and others, Band, or Bar-lettin, Mee Research, Lierz, Gef.

Fert. Lev. Research, Lierz, Gef.
Fert. Lev. State, Lierz, Gilden, Ef. for a finite Mad, or Regiet of Lord Gold, Genn over certain Moadings, or on the Edge of Frames, Pannels, gfs. efgedaily when painted white, by way of Erichment.

Fitzers, in the Manage, are the Loins of an Harfay

Relation of the Manage, are the Loins of an Harfay

Relation of the Place, where the Indian part of the Manage, and Manage Saddle retts.

FILM, a thin Skin, or Pollicle, dividing Several Parts of

In Plants, it is that thin woody Skin, which feparates the Seeds in the Peds, and keeps them apart. FILTRATION, the AEC of pathing a thing thro' a Filtre; called also Percolation, and Transfolation. See Pearles, called a FOR ATTON.

colatron is a kind of Diffillation; perform'd by firaining Filtrative is a kind of Diffillation; perform'd by firaining a Liquer thro' a Cloth, Bag, Lioen, or brown Edport, in order to clarify or purify it. The most commodious way of fil-trating is by brown Paper, father down the Mouth or Apec. to the Diffillation of a Foundation of the Common. See Filtratic.

The Secretion of the divers Juices in the Body, from the Mais of Blood, feem to be little elfe but Filtration. See SECRETION

Pitcairn, and other late Authors, hold that the Diffetences of Filtrations don't depend on the different Configu-tations of Pores; but on their different Sizes or Diameters. And Springs form to be raised from the Ocean by the fame Principle. See Spring, Ascent of Water, Carillant Tubes, &c.

LARY Yules, 80.

There are also Filtrations thro' Sand, pulverized Glafs, There are also Filtrations thro' Sand, pulverized Glafs, 16. Spirits of Vitirol, Sals, and Nitre, are filtrated thro' a Quantity of beaton Glafs, in the Bortom of a Funce. Filtration is chiefly concern'd in Tinchures, as when Portion is drawn from the Ingestleans, or dispended in the Tinchure, which is not necessary through the Tinchure, which is not necessary through the Tinchure, which is not necessary to the Tinchure and renders the rest uppelant, both to the Palate, and

Sight.
The Filtration most in use, is the straining a Liquor three The Fores admits only the

Parties which by the Smallers of the Ports attents only un-free Parts Haught, and lever part bert behind.
Bedied his, there is a Phiratine, which lash much ter-turd the Philadophy of lome Ages to account for, rise, that perform d by the Alexes of the finer Parts of a Liquor, which is a Cond, or Skin of Cotten, or pick his Me Matter, which is contrived to drop over another Veffel, and leave the ground than the Parties of the Parties of the Contribution of the Parties of the Parties of the Contribution of the Parties of the Parties of the Parties of the Contribution of the Parties of

Some fay, that the Cause of this Ascent is, because the Liquor fwells these Paris of the Filtre, that touch it by entering into the Pores of the Threads, which compose it, whereby they rife up, touch, and wet these next above them; and these again the next Threads; and so on, to the Brims of the Vessel; when, the Liquor runs over, and descends in the other Part of the Filtre, which hangs down, by its own natural Gravity.

But this Account is liable to many Objections; especially

But this Account is liable to many Objections, officially all Liques ricks of the Line more in Guid Tubes, most a Liques ricks of the Liques ricks are more of the Liques ricks are more of the Chapter from the Chapter for the Chapter from the Chapter for the Chapter for

ATTRACTION.

The Principle of this Filtration is doublefs the fame with that whereby Fluids alcond up Heaps or Lumps of Afhers, Sand, &c. The fame with that, whereby Water is raifed in form of Vapours Fibe Sap rice, in Vegetables, and the Blood circulates through the capillary Arterics, and the extremely minute glandular Strainers. See Ascent

Liquids, that the Sieve or Searce has in dry Mattern.

Filters are of awo forts: The first, simple pieces of Pa
Filters are of a wow forts: The first, simple pieces of Pa
Filters are of two forts: The first, simple pieces of Pa
Filters are of the simple pieces of the Sieve of Pa
Filters are of the Sieve of Pa
Filters are of the Sieve of Pa
Filters are of the Sieve of

This Philtre acts as a Syphon. See Syrnon. Figurage is also a Charm, supposed to have a Virtue of

inspiring Love. See CHARM.

The Word is derived from the Greek enden, which fig-nifies the fame Thing, of soke, ame, I love. FIMASHING, in Heraldry, See Feature. FIMBRIA, the Extremities or Border of the Tube Fal-losiane were formerly thas called; the Word fightifying a fringed Border, which that Part refembles. See Fallow

PIAN Tube.

tranged bowder, which ther fare refembles. See FatasIFMRIATED a Term in Herseldy.

Bgmfrigg that an Ordinary is edged roand
with an observation of the Conference of the Con

raken out of the Threat, and are whally about a Syan broad, and a roy 1500g. See Whata Enter.

The Whale Fair are the most valuable Fair of the Animal See Whale Fair are the most valuable Fair of the Animal See Whale Fair structure.

This yet Fair I budgment is Head Sentence, (S. Dirines call the Impedience of the Reporbate Fair, as Impedient to concluse to the End of their Life.

Fair La Cardy, is the call for whale any thing is done, The fair Cardy is the first fairly in the Intention of a Per-Paris Cardy. See a suppose of the Cardy is the first fairly in the Encenture. See "Paris Cardy," and the last, in the Encenture. See Final CAUSE

Final Caufes are of good use in Ethicks; but mischievous in Physicks, and by no means to be allowed; yet Mr. Beyle propoles fome Views and Regulations, under which they proposes some views and regulations, under which they may be admitted, in an Express Inquiry into the Final Causes of Natural Things.

Final Letters are those which close the Words. The

Final Latter's are those which close the Works. The Figure call'd Apocope, conflicts in retreaching final Letters. The Hebrews have five final Letters, which, when at the End of a Word, have a different Figure from whit they have at the Beginning, or in the Middle rheroof. These are the [L.], 1, 2, 7, Caph, Mern, Nun, Fe, Thade, which every where but at the Ends of Words are wrote which every

2.2. b. E. T.

TINANCE, a Term field by the French, for the Revenues of the King, or State. They, The Council of the Frances, cortice and the Council of the Parantet, correlated to our Commissioner of the Treatment, proceedings on the Commissioner of the Treatment, the Council of the Counci

of a Banker, &c.

The French have a peculiar kind of Figures, or numeral Characters, which they call Chiffre de Finance. See Cna FINE. FINE, that which is pure, and without Mixture. The roting the Efface or Polletifien of the Cognitice, but perhaps Term is particularly used in speaking of Gold and Silver. Determing it. Wife, Symb, Soff, 20.
Fire Could Found be 22 Crastly, but there is but little, if any, that rifes to fish's Degree of Finencia. If any, that rifes to fish's Degree of Finencia. The control of the Fine, it is to be concluded, upon what Wirt or Addison the Concord is to be made.

Gold thus fine, is foft, and difficult to work; for which reason they always mix a certain Quantity of Alloy with it. Sce GOLD, ALLOY, and CARACT Fine Silver is that of twelve-penny Weights. See SIL-

VER; fee also REFINING.
FIND, in Law, hath divers Uses or Significations.
The first and most noble is, a Covenant made before
Justices, and enter d of Record for Conveyance of Lands,

Julicot, and enter'd of Record for Conveyance of Lanca, Tenements, or any thing inheritable, being in effective Finit, to cut off all Controverties. See Covanant.

A Fine, then, appears to be a Concord, acknowledged, and recorded before a competent Judge, touching former Hereditament or Thing immoveable, that was in Controverse hothers, the Parities to the firme Concord; and for

Hecolitament or Thing immoveshie, that was in Controverly between the Parties to the Issue Concerd, and for the better Coedir of the Translition, it is fragueded to be the Control of the Translition, it is fragueded to the Honce it binds Women Covert, being Parties, and others whom ordinarily the Law dishbes to transfat, only for this Rection, That all Perfamption of Doctic or will Mansing it excluded, where the King and his Court of Juffice are reported to be privy to the At.

Originally this Final Concord was infiltrated and allowed, in regard that by the Law and antient Course of Proceedings, no Plaintiff could agree or end the Cause without Licence of no resumm could agree or end the Cause without License or the Court's 80 as Fines have been antently levide in personal Actions; and for no greater a Sum of Money than III.

But Time has produced other Uses of Fine, vie. To cut off Enralls; and with more Certainty to pass the Interest of

on smanns; and with more terrainty to past the litterate to Title of any Land or Tenement, though not constructed, to whom we think good either for Years, or in Fee. Info-much as the puffing a Fine in medit Cales now is bar Fillio Farti, supposing an Action or Concreverfy, where in Trutah none is, and to not only operating a prefer Ear and Connone is a and to not only operating a periorit has and Con-cidents against the Parties to the Fine, and their Holris, but at five Years End against all others, not expectly ex-cepted, and not claiming (if it he between upon good Confi-deration, and without Corin) as Woman Covert, Persons under revery not Cears; Priforen, or fash as are cust of the Realm at the Time of its acknowledging. "This Fine hath is it five (featural Parts: y. The original

This Five bith is it free circuit Perus is. The englest Wett in the consignit the Conjunce. 2°, the King Licroce, printing the Perticulhent was exceed, for which he part of the Coron Reviews 2°, the Conjunction of the Conj

render'd back again by the Cognizees to the Cognizers, or

any of them

A Double Fine contains a grant and Render-back, either IN JUNIOUS PINE CONTAINS 8 grant and Mender-Back, either of fome Rent, Common, or other thing out of the Land, or of the Land it leif, to all or fome of the Cognizors for fome Efface, limiting thereby Remainders to Strangers, not named in the Writ of Covenant.

Sometimes a Double Fine is, when the Lands do lie in feveral Countles.

Again, a Fine is with regard to its Effect divided into a

Again, a Fine is with regard to its funct currence, special Fine executed, and a Fine executery.

A Fine executed its faith, as, of its own Force, gives a prefent Policition of a tealt in Law) to a Cognitive, to that he needs no Welt of Hobber faith [Fiftenin, for Execution of the fame, but may enter; of which fort is a Fine, Sur-Commission of the Game, but may enter; of which fort is a Fine, Sur-Commission of the Game face, the contract of the fame face, the

of the tame, but may cuter; or which note is a Fine, Join Cognitione do dwit some on goe It of the fine dates, that is, Upon Acknowledgemen that the Thing mentioned is, Upon Acknowledgemen that the Thing mentioned helder the Concord, is fifth superinstatt, at Illia quee idem helder de dono Cognitioni. Well: Sect. 51. K.
The Reaction', because that Five pattleth by way of Re-leafs of that Thing which the Cognition hash already (at early Supportion) by Virtue of a former Giff of the

Cognizer; which is in truth the fureft Fine of all.

Fines executory are fuch, as of their own Force do not execute the Postestion in the Cognizees; as Fines far Cognicourse de droit toutum; Fines fur done, Grant, Releafe, Confirmation, or Render. For if fuch Fines are not levied; or fuch Render made

to those who are in Postersion at the time of the Fines le-vied, the Cognizces must needs fue out Writs of Habere facias feifinam, according to their feweral Cafes, for obtain-ing their Poffettion; except, at the levying fach executory Fines, the Parties to whom the Efaste is limited, be in Pof-fettion of the Lands patied thereby: For in this Cafe fach Fines do enure by way of Extinguishment of Right, not al-

upon whit Wirt or Action the Concord is to be made; which is commonly on a Wirt of Covenaut. In this Gale there mail first pair a pair of Indenture between the Cognizor, and Cognizor, whereby the Cognizor covenaut, with the Cognizor, to pair a Fine to him of fach and fach Things by a Day limited. As these Indentures are first in this Proceeding, fo are they faid to lead the Fine. See

INDENTURE. Upon this Covenant, the Writ of Covenant is brought by Communication Covenant, the writ or Covenant is brought by the Cognizer against the Cognizor, who thereupon yields to pais the Fine before the Judge; and to the Acknow-ledgment being recorded, the Cognizor and his Heira preciently excluded, and all Strangers (not excepted) after the Vertex neglection.

precessing excluded, and all Strangers (not excepted) siter five Years path whereon the Fine is grounded, be not a Writ of Covenant, but of Warrentie Chayta, or a Writ of Right, or Mefin, or of Cultoms and Services (for of all thele Fines may allo be found) then this form is observed: The Writ is ferved upon the Party that is to acknowledge the Fine; and then he appearing, doth accordingly. See Dyer. Fine; are now only levied in the Court of Common Pleas

Fines are now only leviced in the Court of Common Pleas at Weffmielfer, in regard of the Solemnity thereof, ordain'd by the Statute of 18 Edon. 1. Before which Time they were founcitimes leviced in the County-Courts, Court-Barrons, and in the Exchoquer 3 as may be feen in Origines Juridicia-late 80.

les, &cc. 815, 602.
Plouden fays, There were Fines levied before the Conquell: Palbeck fays, He has feen the Exemplification of one of Henry the Firit's time: Dugdale affirms, That there

Were none till Henry the Second. See IMPEDIENS.

Fine also fignifies a Sum of Money, paid as an Income for Lands or Tenements let by Leafe; antiently called Ger-

mes it also denotes an Amends, pecuniary Punish

ment or Recompence, upon an Offence committed against the King and his Laws; or against a Lord of a Manor. In which Case a Man is faid, Facere Finem de Trans-

greffione cum Rege, &c.
In all the Diversities of Uses of Fine, it hath but Signification; and that is, a Final Conclusion, or End of ffcrences between Parties

Differences between Parties.

And in this laif Senfe, wherein it is ufed for the ending and Remiffion of an Offence, it is ufed by Brathm, who fipcake of a Common Fire, that the County pays to the King for falfe Judgments or other Treefpaffes, which is to be affected by the Justices in Eyre before their Departure, by the Oath of Knights, and other good Men, upon fach as

ought to pay it.
There is also a Common Fine in Leets.

Fines for Alienation, are reasonable Fines paid to the King by his Tenants in Chief, for Licence to alien their Lands according to the Statute, 1 Eden 3. cap. 12. See ALTENATION.

ALIENATION.

FIRE-DRAWING, or Restering, a dexterous flowing up, or rejoining the Parts of any Cloth, Staff, or the like; torn or reots in the drelling, wearing SE. The prohibited to fine-dware Fieces of foreign Massingtone, upon their of concount; as has formerly been practiced, Soc RENYRAING.
FINERS of Gold and Solver, are those that parity, and put those Metals from other couries, by Fire and Water.

They are also called Parters in our old Law-Books,

They are also called Parters in our old Law-Books, and sometimes Departers.

FINESSE, a French Term, of late current in English. Literally, and as it is also among the French, it is of no fairbor import than our English Friencis.

But among up, the thirthy under to denote that pocaliar kind of Famencia, Delicacy, or Subtlessy serceived in Works in the Milling and the nicel and most facet and fublime of the Milling and the nicel and most facet and fublime Parts of any Science, or Art.

A Person of Tafte can never be fond of a Pun, articion of the can hever be fond of a fun, where all the Finegic lyes in an Equivoque, or an Ambiguity. This Man understands all the Finefes of his Art. The Substance and necessary Part of a Longuage is learnt a a little Expence: "Tis the Finefes and Delicacles that cost the most."

FINGERS, Digiti, the extreme Part of the Hand, di-vided into five Members. See Hand.

The Fingers confift of fifteen Bones, disposed in three

The Figure could of fifteen Bonca, dilfields in three Rona, or Ranks, such Figure having here Bonca.

For Ranks, such Figure having here Bonca have been and their Armagement or Koon, Polatheyis. The appeared of which is the longest and largely the focast.

The first Figure is called the Polathe, or Thurn The The first Figure is called the Polathe, or Thurn The sumerous: The third, the Baddet Figure, Influentia, Oliverium, Injudicia, and Emagis because deal in mocking due of the Court of the State of Polathe, and Polathey Royal Court of the State of Polathey State of the State of Polathey State of Polathey State of the State of Polathey State of Polathey State of the State of Polathey State of Polathey State of the State of Polathey State of

to fiir and mix their Medicines therewith: The fifth, the little Finger, Auricularis; by reason the Ear is pick'd .hercwith

therewith.

Finders Breadsh, a Measure, of two Barley Corns in
Length, and four laid Side to Side. See Measure.

FINING, for Refining, Clear Fining, Sic.

FINISHING, in Architecture, Sic. is frequently applied
to a Crowning, Acroser, Sic. raid over a piece of Bailding,
to terminate, and finish, or complete it. See Cacows-

FINITE, fomething bounded, or limited; in Contradic-tion to Infinite. See INFINITE. The School-men make two kinds of Finites: The one

The ocnou-tuen make two kinds of trans-at to Extension; which is applied to Things that have not all possible, or conceiveable Extension.

The other as to Perfettion, applied to Things, which

have not the last Perfection To get an idea, e. gr. of a Thing finite in Point of Perfection, we first conceive the thing as having certain

Periestion, we first conceive the thing as having certain periesticons; and then conceive from other Periestion, which it has not, or some Perfection in a further Degree. Thus, when I say that There is a finite Namher, I first executive a Number, constitute of three Unites then conceive other Unites beyond their the three. Thus it is I conceive only Mind finite, by observing certain Perfections beyond what I find in may Mind.

After the fame manner! conceive this Study to be fi-site, by having an idea of Extention beyond what is con-tained therein. See Extraston.

FINITOR, in Afternoomy, the Herizors 5 thus called, by ration it fraithes or bounds the Sight or Prospect. See Ho-

FIOL, fee Puro

FIOL, fee Puros.
FIRE, in Physiology. The most universal and fensible Character of Erre, and that which held defines and dittinguilles it from every other time, in it Hestings.

The property of the Expansion of the Air, or Spirit in the Wheen't of Subsequent of the Property of the prop Whence it follows, that Fire is a Body, and a Body in

Motion. Its Motion is argued from its expanding the Air; which s not effected without communicating Motion thereto : And

its Corporeity is proved by Experiment.
For pure Mercury being inclosed in a Phial with a long Neck, and kept in a gentle Heat for the space of a Year, is reduced into a Solid; and its Weight confiderably infed; which Increase can arife from nothing but the Ac-

exceeded, which increde cine arise from nothing but the Ac-cention of BFTs, see Manacowa.

Whether Hire be any Specialty among Philosphera, Whether Hire be any Specialty Subdiance, originally dilitial from all other; as whether it be the Matter of other Bo-dles, only under certain pseudiar Modifications, i.e. Whe-ther the Acceptance of the Special Propagation of the Acceptance of the Matter of the Acceptance of the Propagation of the First, makes one of the volgat, or Feripaccialt Riemans, defined to be bot, and drys or jr is that Part, or Impedient at all Bodies, which is her in the bighet Diagnes, and dry

in an inferior one. See Element.

What the School-Philosophers add further, as to the Nature of Fire, is, that it is a Simple Body; as not including any Contrariety of Qualities; and a Body abfolutely light, as tending actually purities; and a nony abbilitely 1966, as tending actually purities; For which reason they had its naturally Pace above all the other Elements, between the statuming of our Amorphicer, and the Moon; and the Source of Pric Supposed to refide in that Sphere, they call Elementary Fire Step Elementary For Step

Elementary Fire. See BIENEMPHAN.
Fire, according to the Carefigues, is an Affemblage of
the more folid, earthy Particles; which finimuming in the
tapidly fluid Matter of the first Element, become vehemently aginared thereby, and by this intensit Agitation or
Motion are disposed to give the Sensation of Heat, Light,
Fee Sec Charles and Property of the Sensation of Heat, Light, c. See Cartestanism.

Fire, according to Sir I. Newton, is a Body heated for

Firs, according to Sir I. Newson, in a Body heated for Bot, as to emit fight coplessify.

For what elfo, fixy that Philosopher, in reddent tron, but here were the state of th

Their Authors lay it down as a very fubtile, moveable, penetrating Body; and the Caule or Instrument of Heat and Light. Some of them add, that when Fire enters the Bye in right Lines, it produces or excites the Idea of Light; which rectilinear Motion they account absolutely accusary to the Idea of Light. See Lionx.

Whereas, to produce Heat, and the other Effects of Fire; fuch Motion is not required; but on the Contrary, an irre-gular, various Motion is fifter to produce the fame. See HEAY.

The Nature of Fire is to wonderful, and abstrufe, that the Antiouts generally revered it as a God: Among the Moderns, we can fearce name one one Point in all Philotophy

avouerns, we can karce name one one front in all Philosophe of more Importance, or less understood.

Fire, in Effect, is the univerfal Instrument of all the Mo-fere, and Action in the Univerfer: Without Fire, all Bodies than, and Action in the Univerfer.

See that the Company of the Company of the Company to the Company of the Company of the Company of the Company to the Company of the Company of the Company of the Company of the Company to the Company of the Compan out Fire, a Man would harden into a Statue; and the very Air cohere into a firm, rigid Mals.

Fire, then, is the universal Cause of all Mutation, or Change; for all Mutation is by Motion; and all Motion

Several Authors have labour'd to fet this grand Agent Several Authors have labourd to for this grand agona in its just Light; and particularly the excellent Serbaser, in a new Courie of Experiment, and Lectures expecilly on the Subject, Des Igne. That Author has indeed done Wooders: The Sum of his Doctrice we shall here sub-

Fire, then, is diffinguish'd into two Kinds; as it is in it felf, called Elementary; or as it is join'd with other Bodies, called Culmary Fire.

ones, called Linuxyy tree.

Fure, or Elemental Fire, is fach as it exists in it felf;
which alone we properly call Fire.

Common, or Culinary Fire is that existing in ignited Bodies; or excited, by the former, in combatible Matters, the
minute Farticles whereof joining with those of the pure

Fire conditions now Eleme.

Fire, conflicted pure Flame.

This larter is improperly called Fire; in regrad only a

This satter is improperly cause zero in square non-final Part of its real, or pure Fre. Pure Fre, such as collected in a Burning Glafs, yields no Flame, Smoak, Affice, or the like: Confequently, in ignited Bodies, that which flames, finoaks, &c. in t simply Fire. The Effects, Nature, Properties, &c. of each fliall be

1. Paper, or Elimontal Fire of the fill, is inspectively, and only different in GEP by entitle Elifect, which repeated to Bodiets which Effects are only learns, by observing the Changes that safe in their Bodiets.

The First Effect of Elemental Fire on Bodies, is Heery.

The First Effect of Elemental Fire on Bodies, is Heery.

The Heart Effect of Elemental Fire on Bodies, is there, and the Caffer of Heart is always the Mediatre of Fire, and that of Fire, of Heat. So the Heart is elegantable from the Mediatre of Fire, See Heart Subsection 2016.

The Second is, Ditaration in all folid Bodies; and Ra-

The second is Distance in an area of the Arganization and Finish.

That both these are insparable from Heat, is evident from numerous Experiments. An iren Rod, or Bar being heated, increases in all its Dimensfons; and the more so, heated, increases in all its Dimensfons; and the more seconding it to the heated, increases in all its Dimensions; and the more so, as it is further and further heated: Upon exposing it to the Cold again, it contracts and returns successively through all the Degrees of its Dilatation, till it arrive at its first Bulk; being never two Minutes succeffively of the fame Magnitude.
The like is observed in the heaviest of all Bodies, Gold;

MEXTER.

The Third Effect of Fire on Bodics, is Motion: For Fire, in warming and dilating Bodics, must of Necessity move their Parts.

in Effect, all the Motion in Nature arifes from Fire alones and taking this away, all Things become immoveable: Upon the Absence of only a certain Degree of Fire, all Oils, Fats, Waters, Wines, Ales, Spirits of Wine, Vege-tables, Animals, &c. become bard, rigid, and inert: And the less the Degree of Fire, the feoner, and more violently

is this Induration made. Hence, if there were the greatest Degree of Cold, and all Fire were abfolucely taken away, all Nature would grow into one concrete Body, folid as Gold, and hard as Dia-mond. But upon the Application of Fire, it would reco-ver its former Mobility.

resus former Mobility.

Confequently, every Dimination of Fire is attended with a proportionable Dimination of Motion: And vice verfa. See Coup.

This Fire, whole Farchs we have been relating, needs

no Air, or Pabulum to fuftain or prefetve it.

(36) FIR FIR

For, putting fome Caix of Tin or Lead, in the exhausted Receiver of an Air Pump, and apply a Burning Glais, so as the Focus shall fall on the Caix, the Confequence will be a vehement Dilatation of the Caix, from the Centre towards the Circumference, whereby the Receiver will be broke into a thousand Pieces. And if a Quantity of any effential aromatick Oil be pour'd in Vacno, upon Spirit of Nitre, there will immediately arise a huge Fire, to the

great Danger of the By-flanders.

All the above-mentioned Effects of Elemental Fire may

an the above-mentioned Enects of Elemental Fire may be incread divers ways, ties.

1°. By Attrition, or A fulf. Agitation, or rubbing of one Eody against mother. This is apparent in Seldia: A vehencent Aurition of a Flint, and Steel, every body knows, will produce Sparias. So in Falleds, Cream, by long Charming to Geparte the Entert, will grow feasibly surm; and a Baronetter renders the Erick full more discreables. So

ATTATION.

In effect, all the Heast of an Animal is owing to the Agination and Attribute of the Parts of its places against each
gination and Attribute of the Parts of its places against each
The more folial, hard, and editific the Bodies thus agistated are, the more Points of Contact they have; the more
innefic the Porce whereby they are flext against each other,
is, it foreaster their Morious, the quicker the Returns of
the Strokes, and the longer continued; the greater in the Heat produced.

Heat produced.
Thus, a piece of Spunge rubb'd lightly, and for a little
while against another, acquires no sensible Heat: But a
large, heavy piece of sens brisky rubb'd against another in
a cold Season (when Bodies are the densett) will prefemily
acquire an intende Heat; similacient to fire Sulphara, Gun-

sequire all fittellier reads, analyses to first some some powder, or the like. So a Knife whetted brifdly on a dry rough Stone, shall yield Sparks of Fire; but if Oil, or any other fatty Mat-ter be interpoled, no fentible Heat shall arties: And the Points of two Needles rubb'd against each other ever so flrongly, or fo long, will never grow warm; as only touch-

Hence 10, The Globules of the Cruor, or red Blood drove by the Force of the Heart against each other, or against the Sides of the Arteries, excite more Heat than the Giobules of the Scrum, or any other Humor in the Animal. ot the ocrum, or any other Humor in the Animal. Hence 2º. Thole Parts abounding mod in the Golobules thas agitated, as the Heart, Liver, and Head, will be the heteric of all others: And the dealer the Blood, estavis paribus, the greater the Heat, Ed. 2º, The quicker the Controllors of the Heart are repeated, the greater will the Heart are repeated,

Heat be The Second Manner of increasing the Effect of Elemen The Scoon Manner of increasing a late of moift or green val Fire, is by throwing a Quantity of moift or green Vegetables, cut down while full of Sap, ison a large Heap, and meeting them close down: The Refult of which, is,

and prefling them close down: The Result of which, is, that they grow warm, hot, smoak, and break out into Flame. The Third way is, by the Mixture of certain cold Bodies. The Third way is, or the submer of certain tool powers. Thus, Water and Spirit of Wine, fifth warm'd, grow much hetter by the Mixture: So, any of the heavy aromatick Oils, as of Cloves, Cionamon, Saffafras, Guiacum, 55c. mix'd with Spirit of Nitre, grow exceedingly box, and burth forth like Valumon's. And the farme may be failed of Spirit Nitre, and Steel Filings.

of Nitre, and Steel Filings.
The like Effect may be had from dry Bodies. Thus, pure
Sulphur, and Steel Filings, well ground and mix'd in equal
Oquatities, with Water crooping to make them into a dry
Patte, and laid an Hour or two any where, even under
Ground, will fineak and emit Fiame; and that with the
greater Voluntance, as it is more firongly peels'd down. So

EARTHQUARE The Fourth is by Phosphorus, which is a kind of Magnet, repar'd from the Parts of Animals, that imbibes and re-

proper'd from the First of Animals, that imbibes and priming First for many Agns. See Provinceways, that any priming First for many Agns. See Provinceways, that any First is excited, or generated of what was take First before for Agns. First is excited, or generated of what was take First before for the first form of the first elecir Dimentions.

titler Dimensions.

Hance it follows, that the Particles of the Gold are not converted by the Follows, then Fire; but the Fire called before, and the fine for the Fridency, fire is used before, and the fine for the Fridency fire is used before the Attendance of the contract is no making or producing of Fire Accessor. All we can do, is, of intensities, o reader it smills, or some in the contract of the contract

reched and determined in patallel Lines towards certain Places, where their Effect becomes apparant. See Sow. Whence it is that we perceive the Fire when the Sun is above the Horizons, but that, when he dispress, his proplie or Prefilms being then taken away, the Fire contained disperted at large that of either early Space. In effect, there is not left Fire in our Hemiliphere in

the Night time, than by day; only it wants the proper De-

Another way of rendering it fenfible, is, by collecting the parallel Rays into a lefs Compaf, by means of Courex Glatics, or Concave Specula. See Lens, Bunning Glates,

Ge.

This Hemenal Fire is prefent every where, in all Bo-dies, all Space, and at all Times; and first in equal Quin-tients: For, go sheet you will, to the Top of the highest times. For, go sheet you will, to the Top of the highest Sen Bitne, or tot; in the odded! Wirner, or the most founding Summer; by one or other, or all of the meant above mentioned may Fire be collected. In a Word, there is no adiptively beginded lives without Fire; no Flace in Nature, where the Attrition of two Sticks will not render it featible.

it consume.

So long as First comains equably, and undetermin'd in any
Flace, it does not discover it left by any Effect. In the forvecteff Weather we perceive no influence or Effect of First,
when, at the fame time being collected and determined by
Attrition, it becomes manifold. Attrition, it become

By changing Fire out of its indeterminate State, and spelling it in converging Lines, its Moment is increased, itness the Phanomena of Burning Glaffes.

Witnels the l'harnomena or Burning Guatter. Bat, how Attrition, crade Vegetables, £5c. contribute, to-wards altering the Direction, £5c. of Fire, does not appear. Of the Frey, and the Effects thereof above mentioned, depends all Fisidity of Hurnours, Juices, £5c. All Vegeta-tion, Patriscition, Formenation, attinual Heat, £5c. Soc FLUIDITY, VEGETATION, PUTRIFACTION, SC

II. But in what manner foever, Fire is collected in Bo-dies; upon a Ceffation of the collecting Caufe, it forn dif-appears again, unless it be furpilled with a Pabulum, or Fuel. In which case it becomes Calinary Fire.—

an unic care it necomes Colinary Fire.—
By Pashama, or Firel of Fire, we mean whatever receives, and retains Fire; and is confumed, or at least render'd infentible thereby. See Furt.
The only Pashama of Fire, in all Nature, is the Oil, Sulplur, or Fat of Bodies: And Bodies are only Fuel, on accourse of the Oil they consult.

court of the Oil they contain.

Rence 2^a, Al Wegenhales, not too molil, nor too dry,
Rence 2^a, Al Wegenhales and state of the
greated Quartity of Oil; as Biofinnick and Refinese
Woods, Ren. 2^a, All vegenhale and animal Couls are a
black Fern, All vegenhale and animals Couls are a
black Fern, in their Early, and Fern and State of the
Paris of Vegenhales and Animals, which have childed their
Ware and Shit, and crassiful the Oil alone inhering, in a
black Fern, in their Early, "All fifth alone inhering, in a
black Fern, in their Early, "All fifth alone inhering, in a
collection of the County of the County of the County
The Total State of the County of the County
This Fern, which home combatilities follow, required, fry,
to fathin it, which taken sway, the Fifty is immediate.

And yet, Fire does not immediately leave, or collected the count of the Oil they contain.

ry sumpsesser . As appears from the Experiments in Vacco.
And yet, Fire does not immediately beart, or endure the
Air 5 bet always repels it: And by that means forms a kind
of Vanil, or aerial Furnace all round, which by in Weight,
and the Prefuer of the incumbent Air acts on all the
Extra control of the control of the acts of the control of the con and thus retains the Fire, and applies it to the combustible

Hence, the heavier the Air, the more vehoment the Fire: And accordingly, in ftill cold Weather we observe the Fire to act with more Violence than in warm Weather. the FPF to act with more Volence than in warm Weather. But whether the Air retains FPF by its Weight along (which Water it felf would do), may be queffioned: And whether its Estafficity does not contribute incomething there to a alic, whether there he not fome further unknown Property in the Air, that has a Share, may be doubted. Something of this kind one would suffect from hence, that

Something of this find one would faffect from hence, that all Ari is not proper to ministrait Plants. Soo Alax.
The Fire, in barriag a combutilitie Marter, sifered a fining Fire, or a Plants, or both, according to the Diversity of the Plants of the Arica of the Ari

Hame focus to be nothing but a thick Sulphur agitated, as before, by Elemental Fire; to as the Fire is driven with a great Motion around the revolving Particles of the Sulphur. See FLAME.

Sor, focus to be produced, when Fire and Sulphur can-not break into a Flame; being a fort of Coal, confifting of a thick Sulphur, and an attenuated Oil with Earth and Sait.

Sec Sour. Sec Sour.

Mustak feems to be the combutible Matter, when it begins to be relinquished by the Elemental Free: For, it this senable a faterwards paired thro's a Flame, it will it felf become Flame, as before. Sec Sworn.

Ladly, Mes are the Earth, and Salt; which the Free Leaves autoset d. Sec Arms.

FIRE may be diftinguish'd into Shining, and not Shining: Fig. may be dillinguisted into Shrining, and not corross; for, that there is Fire which does not emit Light, is evi-dent hence, that a piece of Iron taken out of the Fire, before it be red hou, finall yet give Fire to Sulpita. Shrining Fire again may be individual into two Kinds: Shrining Fire again may be individual into two Kinds: That which courself, as red in Group and risk which does not carm, as that observed in patrick Fishes, rottem Wood, and the strength of the st

our merus, as that observed in partic Fifther, rettern Wood, (§c. The Oil whereof beginning to be agisted, and atte-mental, producer pile, without any Heat, to far as the Of Silvines, and at the firm time Wirming First, the principals that of the Sim, as it is called the, whether the time of the Silvines and the silvines of the Silvines of the tipe and the common, vague, universal First, determind by the San, is not cally to lay. This Fir we mere fails, ye confider under the Denomination of Light. See Only and LIGHT.

This Solar Fire, in calcining certain Bodies, makes fome Addition to the Weight thereof.

Addition to the Weight thereof.

Thus, Antirono, exploid in the Focus of a Berring Plan, Antirono, exploid in the Focus of a Berring Plan, aff focus or exponents in the most plan, if it is a girl a spilled in the Focus of a larger Clais, if will feel the plan in the Focus of a larger Clais, if will first be spill a spilled in the Focus of a larger Clais, if will be placed to the Focus of a larger Clais, if will be placed to the Focus of the Fo

Depth under Ground: Till, arriving at a certain Depth, siz-ferty or fifty Foot, it begins to grow warmers, fo as no Ice can there subfilt: And at a yet greater Depth, the fo bot, as to take away Refipitation, extinguish Candles, §2c. And if the Miner will rentere further, and carry a Candle along with him, he frequently fets the whole Place in a Flame, the faiphunous Fames renderd wo while by the faibterranceus catching Flame from the Candle.

Fire, catching Flame from the Candle. Whence it appears, that there is another Source of Fire, or another Sun, in the Bolom of the Earth, which gives Moins and Life to everything growing to, or apan the Globe; and even, that the Centre of the Earth is more Fire: which Fire is likewise argued to be perpetual from Valcand's or barning Mountains, which have been known to call up Fire, from the eartield Account of Times. See Vure. 2019.

There are two great First therefore, the Higher, or Solar; and the lower, or fubterraneous; in every other respect perfectly alike. See Susterranean, Central, So-

AR, EC. FIRE, in Chymiffry, is the great Inftrument, by which most of the Operations of that Art are perform'd. See Cax-

Misraw. The Kind, Degree, Direction, &c. of Fire are Things the Chymilt is principally to attend to. The Divertity of Fire makes a grean Difference in the Relate of the Experiment; fo as, the fame Effect, e.g., thall not arise, if an Experiment be made with the Fire of Spirit of Wine, and that of Pitcoal-

And to this Canfe, Mr. Boyle, in his Treatife of the un-expected Failure of Experiments, attributes it, that a great many Experiments faccefsfully tried by fome, have not fac-

conded to others

The Fires chiefly required by the Chymifts, are fach as yield no Faces, or Remains; no Salt, or Smoak: And fach alone are those of the San, and of Spirit of Wine. Those sene are these of the Sun, and at Spirit of Wine. Those which come next in Purity, are Olis diffulled per Vesscam a which lose their Earth and Salt, by their Boying and Agi-tision in the Water; for that the oftener the Diffilliant is repeated, the purer they are render'd: After these come Turi

"He seed, the very Manner wherein the Eire is blown, it from the hare one Effect Thus, 460fg, 16, 4, 6, 1, cristers, that in Prore, when they would meet and feparate their Silver from the Earth, 56; if the Pire be blown on which seed lowe, the Fusion will not fucceded. Nor will any other Fire do be that the blown by the Wind midd from the Fall of forme Waters; fo that riney are forced to have Recourfe to large the Manner, and the Proceedings of t

onvey the Wind generated by the Fall of Water to their Works,

The Degree of Fire; or the Collection and Direction of Fire, to the Degree proper for each Operation, is almost the Whole of Chymsitry: For the Fire, e.gr. requisite to melt Metals, is by no means proper for the Dittiling of Spirit of

Now, the greater or lefs Force of Fire depends altege-ther on a greater or lefs Quantity thereof collected into a Focus: For, as to its Motion, it does not from in our Power Focus: For, as to its Motion, to alter it; or to make any increase or Diminution of the Force of the Fire on that account.
The Chymitts afe four principal Degrees of Fire in their

and Caymins uic assistant for the human Ro-opperations. The First is equal to the natural Heat of the human Ro-dy) or rather that of a Hen, hatching her Eggs, which is the Standard; And accordingly this first Degree is best mea-tured to a Hen, and some Chythe Standard : And accordingly this first Degree is bett mea-fured by applying a Thermometer to a Hen and ione Chy-milla, by keeping a Fire continually to this Degree, by means of a Thermometer, have hatch'd Chickens. By this Degree all their Digetions, oil's Deparations and Solutions, genite Diffillations, with all Ferrmentations and Patrifications are perform'd. See DioExtine, Distributed

The Second Degree of Fire is that which gives a Man Pain, but does not deftroy, or confume the Parts: Like the Heat of a forching Summers Sun, which chafes and inflames the Skin; and even fornetimes railes Blifters.

manuse the SRIB; and even fornetimes raises Billiers. It is afted in making St-parations of the more ponderous Bodies, which the first Degree is not equal to; as also in-flome Fixations, particularly that of Mercary, which is no-der'd fix'd by a gradual introduction of fach fire among the Date of the Manuse.

Parts of the Mercury. It makes the Serum of the Blood, and White of an Egg coalefoe, and so occasions deadly inflammations; and is too intense for any Digestion, Putrilaction, or Fermentation to be

effected by it

checked by it.

The Third Degree of Fire is that of boiling Water, which
feparates and deliroys the Parts of Bodies. This Degree
is perfectly lable, for Water, when once it boils, it at its
unned Degree of Heat, and cannot be rish da with further,
by any Augmentation of Fire, or Fedt; as was fift oblered. by Monf. Amontons. This Degree ferves to attenuate, separate, fix, and perform other Operations, where the two former would not be ef-

fectual. The Fourth Degree is that which melts Metals, and do-

ftrays every thing elfe.
This Degree is too vehement to be estimated by the Ther-

Into Degree is too vehement to be estimated by the Inter-mometer; that infirument not being able to endure it; so that it is only determinable by its Effect in the Fusion of Metals: As the Heat of boiling Water cannot be increased, so neither can that of melted Metals.

This Degree is used in abundance of Operations, and particularly about Minerals, where the three preceding Degrees are infufficient. This is the last Degree known to the anti-

ent Chymists. The latest Chymists reckon a Fifth Degree of Fire. vizthat where by Gold is made to emit Fumes, and evaporate. This was first discover'd in the Year 1690, by Mr. Tichern-bassion, whose Burning Glass render'd every thing, even Gold it self volatile. See Volatility, Burning Glass,

DLD. ECC. Befide these sive Degrees, the Chymids have several in-termediate ones; all which however may be easily reduc'd

to the former. As, the discfting Fire, or Venter Equi, which is the Heat of a Dunghil.

The Balneum Marie, Arenofum, &c. explain'd under the Article BALNEUM.

The Naked, or Immediate Fire, which is the common Fire applied under a Veffel. The Fire of a Lamp, which is moderate and equal, and may be increased by the Addition of more Wick; aled by

Enamellers, Efe.

Enamellers, &c.

The Wivet Fire, which is lighted all round a Crucible, or other Vefiel, to heat it all alike.

That called by Supprefice, which is when the Vefiel is not only encompased round, but covered over with Fire.

not only encompassed round, but corered over with fire.

The Reverberatory Fire, when it is in a Funnace clock
a-top, by which the Fire is reflected back, and all around
upon the Veffel. See Reventral Arona.

The Melsing, or Fusing Fire, for the Solution and Calcination of Metals and Minerals. See Peacon.

The Glash boust Fire, for the Vittifying of the Ashes of

Vegetables. See GLASS. And the Olympick Fire, which is that of the Sun collected in the Focus of a burning Mirror, &c.

To the feveral Degrees of Fire required, feveral Forms of Furnaces are accommodated, which fee under the Article

FURNACE. There are five principal ways of aitering the Degrees of For Fire differs v. According to the Wongles of the Pa-bulum, or Fuel; it being a Rule, that the heavier the Fuel or combutible Matter is, the more vehemens, esteris pa-rulus, is the Fire. Thus, Spirit of Wine airofas a weeker and lefs destructive Fire than OII; and this, than Pitch, and and less activative fire than Oil; and this, than Pitch, and fo on; the heavier and groffer, fill the fiercer.

2º, According to the Danatity of the Palastan.

3°, According to the Dajance of the Fire from the Object; it being a Rule, that the Heat of the Fire at different

ject; at ceing at Kule, that the reset of the 40° at distriction.

10 Dilance is reciprocally, as the Squares of these Dilances.

4°. By the introducing or blowing of Air into the First is bring a Rule, that the littenger the Current of Air, or Wind, provided it be not to fitteng as to break the aerial Persix or Vault incumbent on the First, the meet is the

Fire increas'd

Fire increased. Evening puts the minute Parts of the Paba-lum into a greater Motion, whence a greater Attrition arifes, and of confequence, more Fire to oliceled. 5°, According to the Stidity, or Register of the Mo-dium between the Fire and the Object: For the more fold the Medium, the greater Quantity of Heat, several part-bra, does it receive from the Fire, and commandate to the

Osject. Thus, a Vapour Bath communicates much lefs Heat to the Boties diffilled by it, thus a Water Bath; and this, left him a Satel Bath, and this again left share a Bath of Secel Fillings; for all Bedlies cryofied to the Fire, grow but in Froperion to their fepicific Graville, place, in Water, and both fet over the Fire; while the Water only grows lackwarm, the

over the Fire; while the water only grows inhewarm, the Metal fhall be fo hot, as to be paff touching: And thus, a Key in a Perford Pocket fitting near the Fire, fhall fre-quently be very hot, while his Cleathst themfelres have not any fenishe Warmth.—Indeed, this Rule admits of some cop facility. Wirmth.—Indeed, this Ruke admirs of four Exceptions, for where Oils, lighter than Waster, which yet admir of triple its Degree of Hext, before they bold. "The a greet Conteney" in Claysing, "Billed Parkers," "The a greet Conteney" in Claysing, "Billed Red or or whether it does not also change them. Mr. Byls, in this Societian Claysing," set think, has abe-lantly proved, that Fire altern Bodies, and that the Faru Facility of the Conteney of the Conteney of the clark in the Bodies themsilves. See Extrastrys. Add, that Fire does not only fearures und decomposal; but it allo composant and mixts Bodies. This ps body on clark of who have that for its acting on many Bodies, in-Body together with them.

dy together with them

This is the Cafe in diffolying of Lead by Fire; as is evident from the Increase of the Weight of the Lead: The like is observable in Sait of Tartar, which when first melted, like is observable in owher tarter, which when when the inches, locks formewhat of its Weight; but as it is calcined further and further, grows fill heavier and heavier. In like manner, Antimony calcined by a Burning Glafs, receives a no-

nêt, Antomoy ciclioned by a Burning Gibls, receives a ne-table Accession of Weight.

To fay no unore, Finebhorus mult derive its finining Mat-ter from the firey Particles it imbibes in the Diffilliation: For no body will imagine that any of that finling Matter be-fore existed in the human Body. See Priorsynon to Materials, Finns, in Medicine and Chirurgery, in used in the firm Serio with Cauctery; and is diffiningalfied into Mattad, and

Altual Fire is a hot Iron. There are feveral Diseases, only to be cured by the Application of Altual Fire; which Method of Cure is practiced with great Success in the East Indies. See BURNING

Potential Fire is that contain'd in Canflick Medicines. See Caustics, and Cauters.

Fire also gives the Denomination to divers Difeases, as

FIFE and gives the Denomination to divers Diffcales, as St. Authory's First, by Physicians more usually called Eryfipelas. See ERYSPELAS. St. Authory's Fire is also called Holy Fire, or Sacer Ignits and in an anticut Influment, belonging to the Hofpital in the Church of St. Authory, at Marfeillet, it is called Fire of Melt or Renti informatic. of Hell, or Ignis infernalis.

of Hell, or funt substratus.

This Difference made great Ravages in France, in the XIth and XIIth Century; and it was for the Relief of Perfons labouring under it, that the religious Order of St. Astrony was founded, in the Year 10.93, under the Pontificate of Urban II.

of Urbas II.
Walking First, called also Will-with a-wifp, Jack is a
Lamborn, Jamis fatuus, &c. See Jamis Faruur.
First, in Theology, is frequently understend of the Punillment of the Wicked after Death. See Hart, Genes

PURGATORY, &C. MA, PURGATORY, SC.
Tis supposed the World will perish at last by Fire. See

God has made feveral Revelations of himfelf, under the God has made leveral acceptant of himself, under one Appearance of Fire: He appeared to Mofer under the Form of a Fire burning in a Buft. The Holy Ghoft def-canded on the Apollies in Tongues of Fire; and the Camp of the Herelites was guided and conducted in the Night-lands. The More of Fire

The Persians ador'd Ged under the Image or Represen-tation of Fire; by reason his Fire gives Motion to every thing in Narate. They are faid to have Fires till subsitting, which have burn above a thousand Years. The Hebrews kept up the Holy Fire in the Temple; and

the Veitals were appointed express, to keep up the facred

the victas were appointed express, to keep up the faced Fire of the Remans. See Virta.

Visitan was weeflijd among the Antients, and particularly the Egyptians, as the Inventor of Fire: And Zeer-kire has made it highly probable, that the Filean of the Hesthean was the Yabal Gain of the Hebreat, the fift who appears to have known the Ufe of Fire; and to have aped it in the Fusion of Metals, and other Preparations of Chymistry. Sec CHYMISTRY.

First Stone, a kied of Stone, called also Rigate Stone, from the Place whence 'tis chiefly brought: 'tis very good, and much used for Chimneys, Hearths, Ovens, Stoves, Se. See

STONE

FIRE Office, fee Office, of Insurance,
Fire Maffer, in our Train of Artillery, is an Officer that
gives Directions and the Proportions of the Ingredients
for all the Compositions of Fire Works, whether for Service in War, or for Rejoycings and Recreati

The Orders are given to the Fire Workers and Bombar-deers, who are oblig'd to execute them. FIRE Workers, are subordinate Officers to the Fire Ma-

fler, who command the Bombardeers.

They receive the Orders from the Fire Mafters, and fee that the Bombardeers execute them Fire-Enter. We have 2 great Number of Charletons,

he have procured the Attention and Wonder of the Pub-

lick, by eating of Fire, walking on Fire, walking their Honds in succeed Lead, &c.

The most celebrated is our Countryman Richardson, The most contrasted is our Countryman Recomplete, much talk'd of abroad. His Secret, as related in the Journal des Sausaus, of the Year 1080, confifts in a pure Spirit of Salphur, wherewith he rubs his Hands, and the Faire that are to touch the Eries; which barring and cause-rizing the Epidermis, hardens and enables the Skin to re-

fift the Fire

nit the Fire.

Indeed, this is no new Thing: Ant. Pare affures us he had tried on himfelf, that after washing the Hands in ones own Urine, or with Ungaentum Aureum, one may fafely wash them in melted Lead.

He adds, that by washing his Hands in the Juice of Onions, he could bear a red hot Shovel on them, while it

diftiff'd Lard Fire Works, or Artificial Fires are Preparations made of Gunpowder, Sulphur, and other inflammable and com-bufitble Ingredients, on occasion of publick Rejoycings, and other Solemnities.

and other Soleminics.
The principal of these are Reckets, Sorpants, Stars,
Hait, Minet, Bombs, Garlands, Letters, and other Deviscs. See Rockers, Stras, Boox, US.
The Art of preparing and managing Fire Works, is
called Pyretectorias. See PYROTECHINI.

Wild FIRE, is a kind of artificial or factitious Fire, which

burns even under Water; and that with greater Violence than out of it.

tran out of it.

It is compoled of Sulphur, Naphtha, Pitch, Gum, and
Bitamen; and is only extinguishable by Vinegar, mix'd
with Sand and Urine; or with raw Hildes.

It Mecion of Tendency is failed to be contrary to that of
natural Fire, and always follows the Direction in which it is
shown whether it he learness of the state of whether it be downwards, fidewife, or otherwife.

thrown; whether it be downwards, fidewife, or otherwife. The French call it Greek Fire, or Few Gregoris, because first used by the Greeks, about the Year 600; as is observed by the Jeluit Petavins, on the Authority of Nicetas, Theo-

Cedrenus, &c. The Inventor, according to the fame Jefuit, was an In-gineer of Helopolis, in Syria, named Callinians, who first applied it in the Sea Fight commanded by Confiantine Po-

appear it in the 6c Sippic commanded by Confinatine Pi-gonut, against the Convenue, near Cleates, in the Hilliflows, and with tach Effect, that he beart the whole Fleet there-with, wherein acree thirty thoughand Men. But others will have it of a much older Date; and hold Marcus Gracetan the Inventor, which Opinion is apported by several Paffages, both in the Greek and Roman Writers.

which flew it to have been antiently used by both those Na-tions in their Wars. See Scaliger against Cardan.

tions in their waits. See Scanger against cardam. Conflication's Succellors used it on divers Occasions, with equal Advantage, as himself; and what is remarkable enough, is, that they were so happy as to keep the Secret of the Composition to themselves; so that no other Nation has a six by Market and the Secret of the Composition to themselves; so that no other Nation has a six by New York Confliction. knew it in the Year 960.

knew it in the Year 960.

Hugh, King of Burgundy, demanding Ships of the Emperor Lee, for the Siege of Frefar, defired likewife the Greek Fire. Charler Hift, de Dauph.

Fa. David gives us a good Deleription of the Greek Fire,

in his Account of the Siege of Danuette, under St. Louis.

Every body, fays that Author, was affonished with the

Greek Fire which the Turks then prepared; and the Secret

whereof is now loft. They threw it out of a kind of Mer-tars, and fometimes flor it with an odd fort of Groß Bow, which was flrougly bent by means of a Handle, or Wineh, of much greater Force than the bare Arm. That thrown which was irrougly bent by means of a Handle, or Witch, of much greater Force than the bare Arm. That thrown with the Norras, femeritimes appeared in the Air of the Size of a Tun, with a long Tail, and a Noife like that of Thunder. The French by Degrees got the Secret of extinguilling it, in which they lacceded forward lines. Fire, in the Military Language, is formetimes used for the Trive Byland in an Army in the Night time.

Thus, the Enemy's Fires were feen on the Top of the

Mountains.

But, the Term Fire is more frequently used for the Dif-charge of the Fire Arms; or the Shot made on the Enemy charge of the Library, 25c.

The Horic fuffered extremely from the Fire of the Foot, which took them in Flank: The Trench was exposed to the which took them in Flank: The Trench was all in

Fire of the Place: In this Affault the Courtin was all in In Fortification, the Fire of the Place is the Flank, or that Part of the Courtin where the Line of Defence ter-minates; from whence they fire, to defend the opposite

minates; from w The best way of fortifying is that which gives the most

See FORTIFICATION

Fire Arms are those charged with Gunpowder: Such are Canoni, Mortars, and other Ordnance; Musquets, Carabines, Pillels, and even Bombs, Granado's, Carcafes, &c.

ding the Piece with a Ball which is founcewhat left that Califer; and only playing a little Gangowder below the Ball, blave no fentile Eight or impulse on the Ball, bave no fentile Eight or impulse on the Ball. This to take to have been all the Secret of the Freele who presented to felt the Art of rendering ones self involved the Califer of the Ball to the Secret of the Freele who presented to felt in the Art of rendering ones self involved properties of the Landau Secret of the Landau S

GIUM.

FIRKIN, an English Mcalure of Capacity, for Things II-quid. See Malaura.

The Firkin of Me contains eight Gallons; and that of Mery into: Two Firkin of Beer make the Kilderkin; according to the Middle of the Mery of Mery into Kilderkin; and Kiderkin; Gallon, Barrat, and Housers and The Prices of Son pand Burter are on the footing of the Firkin of Alc, vis. a Gallon per Firkus less than that of

FIRMAMENT, in the antient Aftronomy, the eighth Heaven, or Sphere; being that wherein the fixed Stars are fuppoided to be placed. So Symmax.

Tis called the Eppth, with refpect to the feven Heavens expheres of the Planers, which it furrounds.

It is supposed to have two Motions : A Diurnal Motion, given it by the Primum Mobile, from East to West, about the Poles of the Ecliptick: and another opposite Motion from West to East; which last it finishes, according to Tycho, in 25412 Years; according to Presency, in 26000; and according to Copernicus, in 258000: In which Time the Exed Stars return to the fame precife Points wherein they were at the Beginning. This Period is commonly called Plate's Year, or the Great Year. See PRECESSION of the Equinox.

Definition.

The distribution of Science the Word Erranscent is a sub-time installed Region of the Air. Bany of the Andersa allowed, with the Moderns, that the Firmaneat is a fluid Matter, it the Very Moyer in the Denomination of Firmaneat, suth have taken it for a folial One.

FIRMAN, in the Left India, and particularly in the Territories of the Great Moyel, is the Paliport, or Permit, symmetry Orfice, to retain within their Justifies.

FIRMNESS, or Firmerry, in Philotophy, a Confifence of a Body; or that State, wherein its Sensible Parts cohere, or are united together, for that the Motion of one Part induces a Motion of the reft; In which Sense, Firmity stands

Success A Monther or the First - In which some, Ferminy some proposed to Plaining. See Ferming! with Denfity; as a think-bone, Authors confined Ferming! with Thenfity is a think-by the time State or Property of Body, implied by both; or the state Ferming! follows Denfity; But this is a Most for Monther Ferming! Some Property of the State of Con-fer Mental Ferming! Some Property of the State of Con-ting of the State of Conference of the State of Con-ting of the State of Conference of the State of Con-tension of the State of Conference of Conference of Con-tension of Conference of Conference

Many of the Cartefians, and others, hold Pirmneft to con-

fift in the more Quiet of the Particles of the Body, and their mutual immediate Contact 3 urging, that a Separation of Parts can only arife from four oblitator interpoled between them, which is excluded, by the Stories of Contignity. But the Indiaticency of this [Hypothesis is evident if or more

Simple Quiet has no Force, either to act, or refift 3 confequently two Particles only join'd by Refi and Contiguity, would never cohere so as that a Motion of the one should induce a Motion of the other. This is obvious in the Cafe of two Grains of Sand, which however contiguous, and at reft, will

Oralia of Sand, which nowever configuous, and as rul, will never confittuo a firm, content Body. The Firmane of Bodies, the depends on the Connection or Coheñon of their Partiels. Now, the Caufe of Cohe-fion, Sir I. Neutron and his Followers, hold to be an extrac-tive Force, inherent in Bodies, which binds the final! Par-tive Force, inherent in Bodies, which binds the final! Particles thereof together; exerting it felf only at, or extreme-ly near, the Points of Contact, and vanishing at greater Di-

is hear, the related to the finance. See Arracevion.

The Firmsel of Bodies, therefore, follows the Laws of the Cohefion of Bodies, which fee under Cohesion.

The Surfaces, Hence, Firmness in all Bodies must be as the Surfaces, and Contacts of the component Parts: Thus a Body, whole Parts are by their peculiar Shapes capable of the greatest Contacts, is most firms; and that, whose Parts are capable of the least Contact, will be most lofts.

of the leaft Contict, will be most fast.

In the former, the greated Requisite is to be as near
In the former, the present Requisite is to be as near
In the former, the present Requisite is to be as near
the fast of the result surfaces, though that we call very bard; yet it will be male friable or brittle. And where the Surfaces of the compounding Particles are much extended upon a fmall Quantity of Matter, the Bodies they compole, though they may be light and foft, yet they will be renacious or glutinous: For although the Elexibility of their compounding Parts admire although the histibility of their compounding hare saume of their cally Changing of Figure by any external Force, yet by their touching one another in so many Points, they are very difficulty separated.

The former is the Cafe in crystalized Salts, Refins,

ad the like the latter in Turpentines, Gums, and all of nat Sort. See Solibiry, &c. rhat Sort.

that Sort. See Southery, &c. FIRST Fruits, America, or Primitie, are the Profits of every Benefice for one Year. See Paintrum, &c. The First Fruit were originally intended for the Pope's Benefit, and were accordingly, before the Reiermanton, paid to him: But King Henry VIII. by 8 Statute in the eventy fixth Year of his Ruigh, translated them to the Crown.

Queen Anne, in the third Year of her Reign, made a Grant of the whole Revenue of First Frairs and Tenths, to fettle a Fund for the Augmentation of the Maintenance

To actus a Fund for the Augmentation of the Maintenance of the poor Clergy. See Ausonsmarinov. By the Act as Hees, 8s, he, who enters on any feiritual Living, before he pays, or compounds for it, on Canviction, forfeits double the Value thereof. Every Clerk therefore, before his Induction (or from after) Housd go himleft with one Friend, or fend two Friends for him to the Fifty Fruits Office, and there cuter into Bond

for him to the First Fruits Office, and there enter into Bond to pay the First Fruits of his Benefice within two Years next enfuing, at four equal half-yearly Payments. Only one Tenth of the whole yearly Sum, enter'd in the King's Books, is to be deducted; because that must be paid by it felf the first

Year. Formerly four Bonds were given for the four feveral Pay-ments; but by Stratte a and 3 of Queen Anne, one Bond only is appointed to be given; and the Rates of all Ben-fices, according to the King's Books, are decisred unalter-able. The Succeptor is chargeable with Arrars of Teaths, suce. The ouccettor is chargeable with Arrears of Teeths, due from his Predeceffer; and confequently, by a 7th 8.c.8. is impower'd to diffrain his Predeceffer's Goods, being upon the Benefice; and bath likewife a good Action at Law againft him or his Executors.

FISC, Fiscus, io the Civil Law, the Treasury of a Prince, or State; or that, to which all Things due to the Publick, do fall.

Publick, do fall.

By the Civil Law, none but a Sovereign Prince has a Right to have a Fife, or publick Treaslary. At Rome, under the Emperors, the Term Engine was used for the Revenues deliind for the Support of the Charges of the Revenues deliind for the Support of the Charges of the Revenues deliind. Empire ; and Fifemm for those of the Emperor's own Fa-

The Treasury, in effect, belong'd to the People, and the Fife to the Prince. See Tabasury.

The Word is derived from the Greek class. a great

FISCAL, fomething relating to the pecuniary Interests of the King, the Publick, or a private Person.

The Improve different recibile the Office of Fifted des-crate the Time. The Fifted described in the Fifted des-reserved the Fifted described in Fifted described in FIRM, in Neural Hillings, an Animal that lives in the Waters, as in proper Pitze of Aleads. See Americat. Naturalitie observe a World of Wildom, and defign in the Struckner of Fifty, and their Conferencies on the En-Their Bodies are deathed and guarded in the helf Man-ner, with Scales or Stolla, faitable to their reflective: Cir-cumlances, the Dangers they are expedited to, and the Mo-teria and Edition's they are to perform. See States, and SCALE. The Centre of Gravity is placed in the fittest Part of the

The Centre of Gravity is placed in the hetest rart of the Body for Swimming 3 and their Shape most commoditions for making way through the Wister, and most agreeable to Geometrical Rules. See Swimsterson.

They have foveral Farst, peculiar to themselves, as Finst, buildince and keep them up-giple. See Fins.

And an Art Flisher, to estable them to rife and fink to any Height and Depth of Wasee, as pleasine. See Art

BLADDER.

They have Gills, or Branchie, whereby they refpire as Land Animals do by the Lungs. See BRANCHIM, and RESPIRATION.

The Tail is the Inflrument of progressive Motion, and ferres to row them forward. See Tair.

ferves to row them forward. See TAIL.

Their Eye's are peculiarly form'd to enable them to correspond to all the Convergences and Divergences of Rays, which the Variations of the watery Mechain, and the Refractions thereof, may occasion: In which respect they bear a near Referenblance to Brids. See Erg. CHEROLEIBER, and Big.p.

Fiftes are diffinguish'd into Sea or Salt-Water-Fift Fifther are drilinguist of into Sea or Sait-Water-Pilo, Philis Marinus; as the Whale, Herring, Mackerel, Sic. River or Fresh-Water-Fish, Pricis Flumanis; as the Pilo, Er. Trout, Sic. and Pend or Lake-Heig; as the Carp, Tench, Sic. To which may be added others, which above indifferently in first Water, or fish, as Saitmons, Shad-Fish Sec. There are all on a Amphibition Kind, which live indifferently on Land, or Water; as the Califor, Otter, Sc. Sec.

AMPHIBIOUS. Arifotle, and after him Mr. Willoughby, more accurately diffinguish Fiftes into Cetaceous, Cartiloginous, and Spi-

sout. The Cetacons Kind, called also Belle Marine, have Lungs and Breath like Quadrapeds; they copulate also like them; and conceive and bring forth their Tomms alive, whom they fackle with their Milk.

The Cartilgious Sect are produced from large Eggs, like Birds, which are excluded the Womb, also, like visible or building the section of the Cartilgious Sect are produced from large Eggs, like Birds, which are excluded the Womb, also, like visible of the Section of the Cartilgious Section of the Cartil

The Spinous Kind are also oviparous; but their Eggs are smaller, and they have Spinz up and down in their

Flesh to strengthen it. Willoughly thinks, it would be yet more proper to divide Fiftes into such as breath with Lungs; and into such as breath with Gills: And then, to subdivide those that breath with Gills, not into Cartilaginous and Spinous, but into Viviparous and Oviparous

The Viviparous Kind that breath with Gills, he fubdi vides into Long; such as the Gales & Canes, or Sharks, and Dog Filb: And Broad, such as the Pastinaca, Raja,

and Dog (File) and Bread, feel as the Pedimuse, Reis, fee. The Substitution of each where the given in his Chap-ter. The Only of the Pedimuse of the Chapter The Only over Kind that breath with Gills, are the most numerous and their he fabricities into fich are what we similarly call File File, and feeb as form with their Back weights, or at Right Angles or the Harizon, File and Chapter of the Back as form with their Back strett, as called Long, Back as form with their Back strett, as called Long, and Month, and whole Maker, as the Life Kinds of Spering

and lest smooth: And these have either but one Pair of First at their Gills, which are called Orbes, and Congeners; or else another Pair of Fins also on their Bellies: And this latter Kind he divides into two Kinds.

1°. Such as have no prickly Fins on their Backs, but foft and flexible ones.

2°. Such as bave prickly Fins upon their

Backs. Those Fifter which have only fost and flexible Fins on

a none expert was to have only lost and flexible Fins on their Backs, was to have defined into fach as have three, eme, or but one fingle Fin there. No Fifth but the Affill have three Fins on their Backs. Fiftes with row Fins on their Backs, are either the Trus-flexible of Trust Kind, or the Gelémite, or Leach, or Godgeon Kind.

Godgeon Kind.

Fifter with but one fost back Fin, are of three forms: The
first Kind have one long continued Fin, from Head to Tail,
as the Hipparns of Rondeletini, &c.
The scoond, have their Fin but floors, and placed just in
the Middle of their Back; and these are either Marine,

as the Herring Kind;

Or Florinstile, as those we call leather mouthed Fishes; sch as Carp, Tench, &c. Such Fishes as have prickly Fins on their Backs, are of two

First, such as have two prickly Fins on their Backs; and in these the anterior Radii of their Fins are always

Or, 2°. Such as have but one prickly Fin there.

Mr. Williambly gives us the following Catalogue of our
Emplish Fifter.

(1) Of the Long Cartiloginous Kind are the

I Canis Carcharius, or Lamia, the White Shark.

2 Galeus Glaucus Rondeletti, the Blue Shark. 3 Canis Galeus Rondelessi; called a Tope in Corn Galens Atanthias, five Spinax, the Prickled Dog, or Hound-Fish.

5 Galeus, feu Mustela levis, the Smooth, or unprickled Hound-Fish.

6 Catulus Major, vulgo Caulcula Arifictelis, the Rough Hound, called in Cornwall, the Bounce. 7 Catulus Minor, the leffer Hound-Fifh, or Morgay.

(2) Of the Plain Cartilaginous Kind, are the

z Raia levis madulata, the Skare, or Flare. 2 Raja clavata, the Thornbac 2 Raja aspera nostras, the White-Horse. 4 Squastion, the Angel, or Monk Fish. 5 Rana piscarrix, the Thoad Fish, or Sea-Devil.

(3) Of the Plain Spinous Kind, are the

1 Rhombus maximus afpero fquamefus, called the Turbos, or Brett. 2 Rombus non aculeatus squamojus, in Cornwall called the

Law aife.

Law aife.

3 Pafer Belloui, the Flace.

4 Pafer for, five foundation, the Dab.

5 Pafer for foundation, free amphibius, the Flounder, Flake, or Butt.

6 Hippogloffus Rondeletii, the Holy-But, called in the North the Turket. 7 Bugloffus, or Soles, the Sole.

(4) Of the Ecl Kind we have,

1 Lampreta major, the Lamprey, or Lamprey-Eel.
2 Lampreta parva, and Fluwarilis, the Lampera.
3 Auguilla, the common Eel.

3 angulia, the common Ecl.
4 Conger, the Conger, or Sea-Ecl.
5 Amandayre (Gefter, the Sand-Ecl. or Launce.
6 Gimmeller Cormulaterifit, the Butter-Fith.
7 Mingleda unigaris Rondeletit, the Sea-Loach, or Whiftle-

Fish. Fith.

8 Muffels shwistilit, the Ecl-Pout, or Turbou.

9 Layers marinus, the Wolf-Fifth, or Sea-Wolf.

10 Alleads non criffets, the Sea-Lark; called in Commall Mulgranock, and Buleath.

11 Almada Criffats, the crefted Sea-Lark.

11 Amada Criftata, the cretted Sca-Lake.
12 Liparis Romdeleti.
13 Geléso fluviatilis, the Bull-head, or Miller's-Thumb.
14 Scorpana Bellowii fimilis, the Dutch-Pots-Hog; the Cornifs Boys call it Father-Lafter.

(5) Of the Kind of Fifter wanting the Belly Pair of Fins; we have,

z Mola Salviani, the Sun-Fifh. 2 Acus Ariffotelis, flecies major. 3 Acus Ariffotelis congener, the Sea-Adder. 4 Xipbias, feu Gladius pifeis, the Sword-Fish.

(6) Of the Non-spinous Kind of Fiftes, with three unprickly foft Fins on their Backs, we have

1 Mellus onigaris major, the Cod-Fish, or Kaling. 2 The Whiting Pollack. a me we weating Foliack.

3 Afellow super, the Coal-Fifth, or Rawling Pollack.

4 Afellow lucus, the Bib, or Bilnds.

5 Afents antiquorum, the Haddock.

6 Afellow mobils major, the Whiting.

(7) Of the Non-spinous Kind, with only two fost Fins on their Backs, are found with us,

z Merincins, the Hake.

2 Afellus lengths, the Ling. 3 Toymuns, Thumuns, the Tunny, or Spanish Mackrel. 4 Scomber, the Mackrel. 5 Thymallus, the Gragling, or Umber-

6 A.

6 Abula Salmoni finilis, the Guinnard.
7 Abula Harengi formis, the Schelly.
8 Salmo, the Salmon.

9 Salmulus, the Samlet, or Branlin.

9 Saimans, the sainet, of renamin.
15 Saima grifeiu, the Gray.
17 Truita Saimanata, the Saimon Trout.
13 Truita Saimanata, the Scart, or Bull Trout.
13 Truita ferviaitii duan generum, the Trout.
14 Units ninor Geft. the Red Chart, or Weith Tor-

15 Carpio lacus Benaci, the Guilt, or Guilt Charr. 16 Herrlanus, feu Viole, the Smelt. 17 Gelius Niger, the Rock-Fifh, or Sea Gudgeon.

18 Lumpus Anglorum, the Lump, or Sea Owl.
19 Cataphractus Schonfeldii, in the West of England, a Deg. (8) Of the Non-fpinous Kind, with only one Fin on the Back; there are,

Harengus, the Herring.

Harengus minor, the Pilchard, called also Calchis.

Enerafichelus, the Anchoris.

3 Emeragebours, the Anchorns.
4 Allofs, for Claptes, the Shad, or Mother of Herrings.
5 Sarduna, the Sprat, or Spatling; which is nothing elfe but the Festus of an Herring.
6 Acus unigaris, the Gart Fish, or Horn Fish.

6 Acus omgaris, the Gair rum, or store 7 Sturio, the Srugeon. 8 Lucius, the Pike, or Pickrel. 9 Cyprimus, the Carp. 10 Cyprimus latts, the Bream, or Bruma.

rr Timea, the Tench,

12 Orfus Germanorum, the Riedd, Oerve, or Nerfling. 13 Capito, feu Cephalus, the Chub, or Chevin.

14 Barbus, the Barbel. 15 Leucifeus, the Dace, or Dare. 16 Rutilus, feu Rubellas, the Roach

Alburnus, the Bleak, or Blev.

18 Gobius fluviatilis, the Gudgeon.
19 Bobites fluviatilis barbatula, the Locke20 Varias, feu Phoninus Levis, the Pink, or Minnow.

The last twelve of these are called by us (Malacoflo-mi) Leather-mouthed Fishers because they have no Teeth in their Jaws, but only deep down in their

(9) Of the Spinous Kind, with two Fins on their Back, of which the foremost is aculeate, we have,

1 Loput, the Baffe.
2 Might, the Mullet.
2 Might, the Mullet.
4 Hirmade Midwesandi, the Tub Fifth.
5 Counts Aldrovandi, the Red Gamard, or Retchet.
6 Lown pire Rondsteit, the Figer.
7 Mullin molor, the Sac-Plailet.
7 Mullin molor, the Sac-Plailet.
9 Packburst, the Sacd.

9 Frachurus, the Scud. 10 Perca suviatilis, the Perch. 11 Faber Piscis, the Dorge.

(10) Of the Aculeate Kind, with only one Fin on the Back, whose Radii are some prickly, and some foft ; there are,

Aurata, the Gilt-Head, or Gilt-Poll. Pagrus, the Bream

3 Turdus, vulg. the Old Wife, or Wrafs. 4 Perca floviatilis minor, feu aurata, the Ruff. 5 Pifeis aculateus vulgaris, fen Pungitius Aberti, the Common Prickle-Back, or Sharpling, or Branflickle.

6 Pifeis aculeatus minor, the Leffer Prickle-Back.

(11) Of the Cetaceous Kind, we reckon only Balena Britanica Antiquorum, which feems now to be gone from our Seas; and we fearce know what kind

of Fifh it was, 2 Balena, vulg. Roudeletii, the Whale, which is fome-times found firanded on our Coaffs, or rambles up our

3 Delphinus Antiquorum, the Delphin, very rarely, but fometimes feen here.
4 Phocana, the Porpuis, called by Schonfeld, the Ner-thern Delphin.

Fig., with regard to Commerce, is diffinguish'd into Drg, Pickled, Green, and Red. Drg, or Salf Figs., is that which is fatred and dryed, either by the Heat of the Sun, or by Fire. Sach principally are the Cod, Stock Fifs, Herring, and Pithbard.

Green Fisst is that lately falted, and which yet tennains moitt; as Green Cod, &c.
Fisched Fisst is that boil'd and ficep'd in a Fickle, made of Sain, Vioogra; &c. as Salmon, Cod, Herring, Mackard, Pilchard, Auckeys, and Otifier.
Red Fisst, is 6me treft. Fifth. Fooll'd on the Grid-iron, then fried in Oil of Olives, and barrel'd up with 6me pro-

per Liquor; as new Olive Oil, Vinegar, Salt, Pepper, Cloves, and Laurel Leaves, or other Herbs. The best Fifth thus prepar'd are Sturgeon and Tunny.

respect are ourgoon and Tunny.
Fisst, confiderable Article
in the Farniture of the Table; and the Breeding, Feeding
Catching, Egc., thereof makes a peculiar Art of no mill
Moment in the Occonomy of a Gentleman's House and
Garden. Garden

To this relate the Ponds, Stews, &c. described in their proper Places. See Ponn, Sraw, &c. Some General Rules and Observations on the same Sub-

Some General Kalsas and Obfervations on the tame sup-ciple, may not here be sunceptable.

"At Per 16th Threading of Fifth, the Quality of the Pond,
Water, Cor. reports for the sand, is factor determinable by
Pends do not prove ferviceable that way. One of the best
Indications of a Threading Pend, is when there is good Steve
or Rafin, and Grassing about it, with gravelly Shoals; fach as Herd-pond suith) have: So that when a Water takes
Herd-pond suith) have: So that when a Water takes
there of Section of the Section Sect

Ecls and Pearch are of very good Use, to keep down the Stock of Fish; for they prey much upon the Spawn and Fry of bred Fish, and will probably deliroy the Superfluity

of them. Pile, Perch, Tench, Rozch, 8% they are ob-for broad in aimond any Waters, and very numerically, only Bels never breed in flanding Waters, that are without springs; and in fast are neither found, not increasife, but by penting in: Xet where Springs are, they are never wain-tered to be supported by the springs are, they are never wain-tered to be supported by the supported by the support Perion ever fair in an Ed the leaft Token or Propagation, either by Milt, or Sprawn; to that whether they breed at all, and how they are produck Jac Quettions equally my-

either by Mill, or Gayana, for hast whether they brief at all, and how they are polacid, ane Quellion cquilly my all, and how they are polacid, ane Quellion cquilly my all. A second of Feeding 16th, take the following Remarks. 1. In a Store, thirty for the Central of Feeding 16th, take the following Remarks. 1. On a Store, thirty for the Central of Feeding 16th, and the state of the Central of Feeding 16th, and the contract of the Central of Feeding 16th, and the Central of Feeding 16th, an

in Water in Bot Weatner, as an extraordinary Fatners, in Fig. The beff Food to raife Pikes to an extraordinary Fatners, is Ecky, and without them 'tis not to be done, but in a long Time: Setting these aside, small Perches are the best Meas. a more is perfectly the control of t

ns, and Tenches will feed as well; but Perels are not for

jons, and Tenches will field as well; but Ferch are not for a free in Feedings first her related from 1th betting in "A to the Branglist part. The first was betting in ading Money; put Land will be wally imported, is an as-biting Money; put Land will be wally imported, is an ob-realing Money; put Land will be wally imported, is an ob-lerally worth, and yield more this way, than by any other Employment whethere: I for high a Monekow 4t. Jr. Fer Time I do Cryps, from the Isal Size, to fourteen or afficient Index long; bridings Filter, Perch, Teche, and other Fry. The Carps are Intealist, and will bring 6t, 9t. and pre-buys 1st. 4 p. ferc. on mounting 8t all on 2,5 which is 4t.

FISH-GARTH, according to Skinner, fignifies an Engine, to take Fifb; but it feems rather to fignify the Dam or Wear in a River, where these Engines are laid and

a. For Garth, in the North, is fill ufed for a Back-fide, or

Horneted.
Figst-Gline, fee Ichthycocha.
Figst-Gline, Feelerwoiff of Water, for the Breeding,
Feeding, and Preferring of Fife.
For their Foods, "is agreed, those Grounds are both,
which are full of Springs, and apr to be moortin: The one

breeds them well, and the other preferves them from being The Situation of the Pond is also to be confider'd, and to Nature of the Currents that fall into it; likewise, that the Nature of it be refresh'd with a little Brook, or with the Rain-water that falls from the adjacent hilly Ground. Add, that those Ponds, which receive the Stale and Dung of Horses and

other Cattle, breed the largest and fattest Fish In making the Pond, otherve that the Head be at the lowest Part of the Ground; and that the Trench of the Flood gate or Sluice have a good fwist Fall, that it may not

be too long a empring.

If the Pond carry fix Foot of Water, it is enough; but it must be eight Foot deep, to receive the Freshes and Rains that should fall into it.

It would also he advantageous to have Sheals on the Sides, for the High So the thendirest in, and by their Sparse any helded in other Places, certain Hote, hollow Banks, Sheives, Roon of Troes, Handa, Sc. to, fore cas a their Rentings of the State Stat It would also be advantageous to have Shoals on the Sides,

ply abundantly.

Referve fome great Waters for the Head-Quarters of the Fift, whence you may take, or wherein you may put any Quantity thereof. And be fure have Stews and other auxi-Quantity thereof. And be lurch have Seews and other auxiliary Waters, to as you may convey any Part of the Stock from one to the others, to, to lote no Time in the Growth of the Figh., but employ the Water, as you do your Land, to the helf Advantage.

to the helt Advanasje.

View the Grounds, and find out fome Fall between the Hills, as near a Flat as may be, fo as to here a proper and the state of the state of the state of the form of the the on Opportunity state (none faddlen Rain, or the healthing up of a great Store in Witner, and you'll plainly for which way the Ground calls; for the Wazer will take the true Fall; and run accordingly.

The Condition of the Flate mail steemings the Quantities of the Characteristics of the Characteristics of the Characteristics of the Characteristics of the Flate mail steemings the Quantities of the Flate mail steemings the Quantities of the Characteristics of the Flate mail steemings the Quantities of the Characteristics of the Flate mail steemings the Quantities of the Flate mail steemings the Characteristics of the Flate mail steemings the Ch

ity of Ground to be cover'd with Water. For Example, we may well propofe in all fifteen Acres, in three Ponds; or eight Acres in two, and not lefs: And these Ponds should

or cipit. Acres in veo, and not left. And thefe Poats Road be plact of one house camber, fo as the Potter of the lower registering camber, for a the Potter of the lower registering camber, for a life of the post of the lower registering to the late of the post of the lower registering to the late of the lower registering to the late of the

Firsts, In Altronomy, for Piaces.
Firsts, In Heraldry, are of themselves of lafe Efseet
In a Coat Armour, than Bealfs and Fouls, as being polici for thereto in the Order of Creation. But they founctione
Ecomo fo dignified by the Perfoss or Families, who bear
tem, as to be preferable to many Binds, and Beath.
Fifter are born divers waw, Upright, Bubwoord, Extended,
Beathing of the Community of code others; Presets, Trian-

FIS

All Fisher born Fooding, should be term'd Deventing.
Those born directly Upright, should be term'd Haurtaut.
And those born Tarvers the Eleuteborn, Najant.
FISHERY, a commodious Place for Fishing 1 or, a Place
therein great Quantities of Fish are caught. See Fish, and FISHING

Finnus.
The principal Fifteries of Eurote, for Schmon, Herring, Cd, and Mackers; are along the Contin of Engined. Seit-Institute of the Principal Schmidt, and Institute New Plotting, beath Greater, Seit-Institute of Commence. A great Commence is a first principal Beach of the Principal Commence. Agree (gasting) of Victic and Sciences employ a therein; and before but is fipout at home, above herein; and before but is fipout at home, above herein, and commence and the principal Beach of the Principal Commence. Agree (gasting) of Victic and Sciences are for the Modiferences, and Iflands of the Architecture. The series can Construent repeated that of which good end of public, for their Neumonies in this Branch of Tricker and the Science of the Principal Commence of

The advantagious Situation of our Ceatis might be of im-menfe Benefit to us, did not we let our Neighboars flare with us therein. The Dutch, French, Hamburgers, &c., come yearly in huge Shoals, and not only take the Fifth from our own Doors; but fell them us for our Money,

from are own Debre 3 bas fell them us for our Money, when they have doubly as his Serv. No Country in Service No. 1 and 1 and

Trade to Perfection.

King Charlet the First began the Experiment, in Conjunction with a Company of Merchants; but the Civil Wars too feet in the King Charlet the Second made a like Attempt, but having perfing Occasion for Money, he was perfeaded to withdraw, what he had employ of in the Fifery; as which the Merchants, join of with him, being different of the Perfect of the Perf

Since the Union, Several Efforts have been made, to retrieve it; and there is now a Corporation fettled on that footing, called the Royal British Fishery, though now in a very languishing Condition, and ready to fink

Whale FISHERY, or Greenland-Fishery,

This logo Fifth, we have ellewhere observed, its chiefly enough it is the North Sea. The largest four are those about Spainlerg, fame of them amounting to two handreds two Spainlergs, fame of them amounting to two handreds two the control of the spainlergs, and those on the Coasts of Geyrmen, and the Medicerascoa, the finalless of all. See Warata. The Durch have upwarded rhele bandred Years had the Whate Fifthery almost to themselves, and it is now electrod one of the principal Benaches of their finantifling Trades The Chief Merchanton of the feveral Province as Elizate themselves.

The chief Merchants of the several Provinces affociate themselves into a Body, for the carrying it on, and fend every Year a great Flect of Veffels to the North Seas for the purpole. They attempted to make their first Establishments in Greatland; but not facecoding, they have fine fail of their plants of the Western Coast of Spinsberg; from the

Latitude of 5 Deg, 40 Min to 85 Deg.

This prefent Year 715; the Englift South-Sea Company have begun to fhare it with them; and by the extraordinary Soccess they met withal in their first Attempt, beyond any of their Neighbours, will no doubt be induced to perfift in it.

int in it.

To give fome Idea of the Manner and Importance of this Trade, we finall here fabroin the Distribute, of a long Time oblered in the Whale Fifthery; the Method of Fifthing; the Cargo and Equipage of a Veffel; and the Pro-

The Discipline is adjusted by a finaling Regulation, occiding of twoder Articles has principle whereofy are infining of twoder Articles has principle whereofy are infining of twoder Articles have been as a final control of the Capania and Crew Kived, the next Yelfit dray meet, final task them is a not the forced Yelfit dray meet, final task them is a first that the article of the control of th The Discipline is adjusted by a standing Regulation, con

the Ice, it final be reputed his own, fo long as he leav

any Ferfon with it; but the Minute he leaves it, it becomes the Due of the first Capatin that concess that ways, but that the concess that ways have that the state of the first capating the state of the first capating the state of the stat

recent him a recionable Statisfiction, to which the whele Radian Constructions, Englasters, which all the Captains, Flora, and Malders of Veiffic are chilged to fower to be observed, before they put to Sea, there is also a particular, Flora, and Malders of Veiffic are chilged to fower to Sea observed, before they put to Sea, there is also a particular care, in Prefere of one of the Committioners, who goe about every Ship, to receive the Colon-Lawren, importing. That they will stored Patyers Menning and Evolung, on put of an American and the Captain of the Captain of the American and the Captain of the Captain of the American and the Captain of the Captain of the Wales! That there is a store that the Captain Leaves, and of the Wales! That is bounded to the Captain Leaves, and the Captain Leaves, and the Captain Leaves, and the Captain Leaves. The Captain Leaves of the Captain Leaves, and the Captain Leaves of the Captain Leaves of the Captain Leaves, and the Captain Leaves of the Captain Leaves of the Captain Leaves, and the Captain Leaves of the Captain Leaves of the Captain Leaves of the Fillings.

After the Reading of this Regulation, the Cave was all the Captain Leaves of the Captain Leaves

from 40, to 50 Herins; the other Officers, from 86, to 56 Herins; the Clefe Siliens to, and the younger two, to The Flect, which confifs moffly of Flyuts, from two, to there hundred 'Unus; and from 55 Men to 44, to dually lets Sail about the Beginning of Jörli, and takes its Courfe by the Higs of Lectual, from 80 to 67 Degrees of Latitude; after which, leaving them to the Weft, it from Northward, the '75, 74, and 75 Deg. of Lat, where they begin to find

the Ice.

"The through thefe lauge Heaps of Ice, wherewish the
whole Quarter is filled, that richy first begin to fig the
whole Quarter is filled, that richy first begin to fig the
the state of the property of the property of the
fillings.—But, as the Hift has tapper and fatter, the
further North you go, Ione Capstale will venture as fit
as the property of the property of the
further North you go, Ione Capstale will venture as fit
Each Veffill of you're has far Cabappers, and only
To every Cabapp their are fever Lindspept and
To every Cabapp their are fever Lines, of three Indeed
Ed, and was behind. The lind Lines topicher make fix
handed Fathoms, and with the Addition of the other two
Sas. If the Whale dive deeper, or ren further undensuth
store it. I can be suited to the Chabapper and the
fore its. Line multi be cut, fitth the Chabapper and the

The Inftrament, wherewith the Execution is done, is a The intrament, wherewith the Execution is done, is a harping Iran, or Javelin, five or fix Foot long, pointed with Steel, in a triangular Shape, like the Barb of an Arrow. The Harpineer, upon light of the Flift, from one End of the Chalonge, where he is placed, lings the harping from with all his Might against the Whales Back; and if

Ione with all his Mught against the Whales Back, and if he he is happy as so make it penetrace the Skin and 1st, lists the Field, he lets go a Stringt, faithca? On the harping feet, as a fair backward of the stringt faithca? On the harping feet, as the fair backward is any Good, which fortunate he is fruck, plunger to the Boston. If the Whale return to breath is the Aft, the Harpin tout takes occusion to give him a fresh Woond; all, fair-ings by the Lod of Boot, the Man team of Deprenative flag by the Lod of Boot, the Man team of Deprenative duty he has the strength of the Aft, the Harpin contract the strength of the Aft, the Harpin contract the strength of the Aft, the Harpin to the Aft, the Harpin contract the Aft of the Aft, the Harpin harping the After the After

Elken in.—
When they have got their Quota of Whales, they begin
to take the Blubber, or Fat, and the Fins, or Whale-bene.
In order to this, the Whale is helfied over-beard, and
kep fulpended above the Water, by two Ropes, the one
tied around his Neck, the other about his Tail; and under
the Carada are two Chaloupes; placed to receive what may

the Carea is are we Chaboupe's placed to rective what may chance to drop.

This done, three or four Men ge down upon the Whafe, which is ride Gulkers, or Irons on their feet to prevent which is the Gulkers, or Irons on their feet to prevent proceed downwirds the Belly; catting off all the Lard or Ray, in Faces of about thee Peer Beach, and eight length Relief the Fat on the Sides, they likewise care of that of the Thront, and the onder Life, levering all the lean Kerner, and the moder Life, levering all the lean Kerner, and the moder Life, levering all the lean Kerner, and the land of the Care of the Whale loos, which they care off with a Blacker, make it the purple, from

the upper Jaw of the Fifth, and make it up in Packets. The Fat and Bone thus procured, what remains of the Whale, they leave for the Bears, who are very fond of it. In Proportion as the large Pieces of Pat are cut off, the Mark of the Common emphasive limiting them finally as In Proportion as the stage Proces of Par are cut off, the cell of the Ceew are employed in filling them finaller, and even the control of the cell of the cell of the cell is under the Dock, where the cell of the cell of the Walacia so Basad it Then, cutting in fill finaller, they par it up in Tubs, in the Hold, or Bottom of the Veilel, cran-ming them very fail and click. Nothing now remains, but to fail homewards, where the Part is to be bolied, and motical down into Train Oil. See

Produce of One Years Whale Fishery.

To flate the Produce, we make choice of the Fiftery of 1697. as being the greatest, and most fortunate that ever was known: To which we shall add that of the present

Year.

In the City 1997, there were an hundred, ninety eight to the City 1997, whereof an hundred, everyptic were Durch, tery fersy whereof an hundred, everyptic were Durch, tery fersy whereof 200, which was a few one of Embeds, and the City of Errenary, two of Embeds, and early a few of Errenary and the City of the

were as fellow. În 1697, 129 Dutch Veffels took 1255 Whales, 47 Hamburghers - 449

97	7 Veffels took		-	-	1968	Vhales.	
I	Lubeck	-		-	I	************	
	Embden			-	2		
	Bremers			_	96		
	Danes		tener	-		annual survey	
	Outresta?		_	prome.	113		

In 1725, 144 Dutch Veffels took-148; Whales. 12 English — 43 Hamburghers --- 25% -- 46 23 Bremers -- 29

-2 Berghen -- 0 2 Flensburg In all, 226 Veffels took - 349 Whales-

In all, 1

The Dutch Captures in 1697 produced 41344 Punchions of The Hamburghers 16414 (Blubbet The Sweeds 540 The Danes

The Bremers 3799 The Embdeners The English Captures in 1725 produced 1000 Puncheons of Blubber, and 20 Tuns of Whale Bone.

Now, estimating the Puncheon of Blubber at 30 Floring Dutch 1 or 1.15 1. English, the currant Price in the Year 1697, the total Produce of the Years Fishing amounting to 63826 Puncheons, yields

As to Fins, or Whale Bones, fetting them at 2000 Weight fer Whale; and hundred Weight at 4 l. 4 s. they will yield

Total 1. 346754 Whereof, the Share belonging to the Dutch; was 228737

On the fame Fooding might the Produce of the Fiftery of the profess Tear be easily little. It will come for floor of the reference of the refe

Herring Fishery.

The Herring is a fmall Salt-water Fifth, with a blueiffi Back, and a white fiver'd Belly, not unlike the little Shad Fifth; whence it is called in Latin Aloja minor. Rondete-

ting calls it Harengus.

It is a popular Error to believe the Herring to be the Halee of the Romans. The Halee was no particular Fifth, but a kind of Sauce, made of any fort of Sale Fifth: The modern

Herring foems to have been unknown to the Ansienss: It is neither the Hales, nor Hales, nor Moenis, nor Lencome-nis, nor the Gerres of Pling. See Rondeles. de Pifesb. marin. L. V. c. 13. and Voffens de Idolel. Herrings are chiefly found in the North Sea. "Tis true,

Herringt are chiefly found in the North Ses. This time, there are Fifteries elictwhere, but none for copious. They ufusily make ruo Fifting Sessions; the first in Angaly is and the Record in Autumns: The latter of which is the mere confiderable, on account of the Fogs, which are very favourable to this kind of Fifting.

This commonly faid, that no body over fine a Herring allows and that they die the Minner they are taken out of

Water: But there are Inflances to the Contrary.
The Herring is a Fish of Passage; so that it is allowed

The Herring is a Fish of Passage, to that it is allowed to fift them on Holydays, and Sandays: In the Decreation of the Passage of the Passage, and observed the feveral Seatons of their Passage,

forty, and obferred the General Scafess of their Pasige-Their first regate Hishing is fat the Net year 1875. The Method of Sixing and Barreling them, was not esti-cored, right the Jean 1885. Hishings in its Hishing of credered his Name immorned, by the Difference of the Sc-ere of Carling and Picking Hereing, He adds, that the Emperor Christo V. coming in to the Low Constricts, and de 1985. The Carling Hereing Head of the Scare The Durate begin their Herring Fifting on the 1875. The Durate begin their Herring Fifting can be 1870 for Visital are a kind of Barks, by the Durate called Fifting. The Carling Scare Scare

See BOAT

None of them are allowed to flir out of Port without a Convoy; unlefs there be enough of them together, to make \$10, or 20 Picces of Canon: In whith case they are allowed to go in Conferve, or Company. Before they fer out, they make a verbal Convention; which has the fame Poece, as it were in Writing. These Regulations of the Admiralty of Holland are p

If followed by the French, and other Nations; and partly improved, and augmented with new ones; as, that No Fisher shall cast his Net within a hundred Fathoms of another shall call his Nee within a hundred Fathoms or another. Deart: That while the Nets are cast, a Light shall be keep on the hind Pure of the Vessel: That when a Beat is by any Accident obliged to leave off Fishing, the Light shall be call into the Sea: That when the greater Part of a Fleet leaves off Fishing, and easts Anchor, the rest shall do the form of the season. fame, &c

The Manner of Fifthing has nothing particular in it. The Nets wherein the Fifth is drawn, should, regularly, have their Mashes an luch square, that none of the lefter Fry may be taken. See Nevs.

may be taken. See Ne'rs.

The Commerce of Herries, both pickted, and red, in very confiderables But there are in many different Seen propured is find distinctive users, and different Fluescy, that propured is find different fluescy, that the seen of the seen

Holland; and principally those of Germuth and Dublin, which are feared inferior to the best Herring of Rasterdam, or Enkare curcomment to the best steering of Kastersan, or Ent-origin. The Sector Herring is no sear low sulpreparent, gasted, faired, nor barrel'd as the Datric's and yet in Taitic is ex-cellents. Not is it doubted, but that it the Societ were as careful in their Circumflances, as their Neighbours, their Herring would be the best in the World. The Herring filled in England is inconfidentie; the Fifth being too dry and fresh for the Market.

Method of Curing, and Preparing Pickled, and Red Herring.

1º. For Pickled Herring: As foon as the Herring are taken out of the Sca, one of the Crew, appointed for this Office, cars them open, and takes out the Gust, and every thing but the Milt, and the Eggs which are always to be left in the Body'd the Fifth. Then, walling them in firefit Water, they are left the Opace of twelve or fifteen House in a Tab full of through Daine made of frieth Water, and Sca

When they are taken out, they drain them 3 and when well datind, put them up in Burrels; mking care to diffusion and range them evenly, in Ross, or Layers, and prefing them well down; and threating a Layer of Salt both at Top, and Bettom.

When the Burrel is full, they flop it up very close; that

When the Barrel is full, they flop it up very close; that no Air may get in, nor any Brine out; either of which is very prejudicial to the Fish.

2°. Fer Red Herrings: The Fish being caught, they proceed to wath, gut, and lay them in Brice, as for pickled Herring 1 only they let them in double the Time in Brine, via. twenty four Hours, institute at they are to rake all their Salt here, whereas the other Kind takes half its Salt in the Barrel.

Sait is the Barrel.
When the Herring is taken out of the Brine, they fpir
them, i. e. firing them by the Head on little wooden Spirs,
and thus hang them in a kind of Chimneys, made for the
purpote; and when the Chimney is as full at it will hold,
which leis than ten or review choustand feld on effects, they make a little Fire underneath, of brush Wood, which yields a deal of Smoak, but no Flame

Here the Herring remains, till fufficiently fmoaked, and ied; which ordinarily is in 24 Hours. Then they are died, which ordinarily is in a glicors. Then they are taken down, and barreld up for keeping. Their Goodne's confifts in their being large, firm, and dry; their Outfide of a yellow, golden Colour; their Eggs, or Milt within, and well latted and barreld.——

Salmon Pranty v

The Salmen, according to fome, breeds in the Sea; but the Opinion of others feems better warranted, that he breeds The Californ, according to flowe, bereck in the Sci. I better Collainer, according to flowe, better the Sci. I better Collainer fields remove the state of the Californ fields for the California field for the California field for the California field in the Wandle becomes a Samire the Endowing Sci., and in a few Months of the California field for the California field for the California field for the California field for the California field field for the California field field for the California field field field for the California field field

laid of Sigirandor. It is performed with Ness, in the Places where the Rivers engay benderick on the Sign in all as-shere the Rivers engay benderick on the Sign in all as-crede thinker frequency is Should from all Parss, in Search of the First News 16 first from all Parss, in Search of the First News 16 first from thinker as in Search kind of Dikes, or Wears made fire the Paryolic, with from Greats therein, for displical, are that the Hind, just are no foose-ced to the Sign of the Light of Techno, or kindled Great. The Ifflerment some Places they fifth for Salmon in the Night time, by the Light of Torches, or kindled Straw. The Fifthermen watch whose the Fifth draws towards the Light, whereof he is naturally a great Lover, and fifthe him with a Fork, or Lifter. In Some Parts of Sections, it is faid, they ride a-fifting up the Rivers, and when they fpy them in the fhallow Parts, facor them with Fiftels.—

Mackarel FISHERY.

The Mackarel is a Salt-water Fifth, without Scales. Its Body is round, and flefthy; terminating almost in aPoint, at each Extreme.

Some Persons, well filled in the Naval Architecture, held its Figure the most commodious for Swimming of all others, and propose its as Model for the Building of Ships. The actinately about a Foot long; when in the Water, it appears yellow; and when out of it, of a Silver White, ox-

Back, and Sides.

Bick, and Sides.

The MacLard is found in targe (bond), in divers Parts of the MacLard Professivel on the Piper Sea Deep House.

The Hilling is visually in the Months of April, Alley, and agree and Papel Sea Coult.

The Hilling is visually in the Months of April, Alley, and agree on the Paice. They engre the English Channel in April, and proceed up to the care that the April of the Paice. They engre they are not the Coalist of Carronal, Suffers, Norman-App. Plearly, Sec. where the Fiftery is most confiderable. They are an excellent bond, fresh, and not to the delptice, when well prepared, pickled, and pur up in Barrels.

Naturalists have observed, that the Water wherein Mackatel has been boiled, yields a Light, after filtring it a

The Fifth is taken two ways; either with a Line, or Nets: the latter is the more confiderable; and is perform'd in the Night-time. The Rules obfered in the Fifthing of Mac-karel are much the fame as those already mentioned in the

ery of Herrings.

There are two everys of pickling them: The first is, by opening and gutting them, and filling the Belly with Salt, cramm'd in as hard as possible with a Stick: Which done,

cramm din as hard ary possible with a Stock: Which done, hery range them in Strata or Rows, at the Borroom of the Voficl, firewing Salt between the Layers.

In the facond way, they part them immediately into Tubs fall of Brins, made of fresh. Water, and Salt; and leave them to teep, all they have imitaled Salt energies to make them keeps: After which they are taken out, and barrel'd up; taking care to pries them clock down.

Cod Pasting Y.

The Cod is a Fish of Passage, pretty large, with a fright-ful Head; Teeth in the Bottom of the Throat; its Fiesh, fall Head; Teeth in the Bortom of the Throat; iss Field, while; its Skin, brownfish on the Back, white under white; its Skin, brownfish on the Back, white under the Field of the Bortom of the Bortom

Green Cod

Green Col.

The chief Fiftheries for Green Col are in the Bay of Cassafe, on the Greet and Liste Steek near the Coall of State Steek near the Coall of State Steek and thick, veidles are yearly one from our terms, both of State Steek and thick, veidles are yearly one from deven Parts, both of State Steek S

thereof to Columbus. Survey to Comment.

Others fay, that the Great Bank was difcover'd by a Native of St. Malest, named Cartier. But, be the Inventor of what Name or Nation be will, the Invention is certainly highly valuable: Not a trading Nation in Europe, but allows the Commerce of Cod Fifth one of the most fecture and sufficiently the besides. gainful that is known.

The bett, largeft, and fartest Cod, are those taken on the South Side of the Great Bank; which is a kind of submatine Mountain, 150 Leagues long, and 50 hroad; and at the Diftance of 25 from New-found Land: Those on the North Side are much smaller.

North Side on more brankle.

The best Sacial is from the Beginning of February, to the Best of Arrivi, as which Time the Cod, which delenge the Best of Arrivi, as which Time the Cod, which delenge the Best of the Best of Arrivi, as which Time the Cod, which delenge the Best of the

a time; and yet the more experienced will take from x yo to 420 per Day; But this larke med; for 'tis very fattgoing Work, both on account of the Workphaste of the Fills, Work, both on account of the Workphaste of the Fills.

The Sakery dually atlowed the Capeta and Salena, is one Third of the Code they bring home found.

They fut the Cod on Beard. The Head being cer off, in the Loren or Fills of the Code on Beard. The Head being cer off, in the Foton on Feb. Voffol, Head on Till, and having thus made a Layer thereof, a Pathon or two fugure, covern as before; and thus he difficult and the thereof the Code of th By that time the Cod has lain thus to drain three or four

Days, they are moved into another Part of the Veffel, and falted a irefli. After this, they are no more to be touch'd, till the Veffel have its Burthen.

Sometimes they put them up in Barrels, for the Conveniency of Carriage.

Dry Cod

Fifth to be dried in.

The Fifth insteaded for the UE, the of the face Kind.

The Fifth insteaded for the media family strength is the
fifth of the Fifth of the

the Wood on the Coult at his Arrival.

As ful as the Capanias arrive, they useful all their Veffels, between good to the country of the count

When the 14th has taken sair, they want them; and to drain them again, lay them in Piles on the Galleries of the Scaffold: When drained, they range them on Hurdles, a Fifth thick, Head against Tail, with the Back uppermost; observing, while they lie thus, to turn, and shift them four times every 24 Hours.

times every 3.4 Hours.

When they begin to dry, they lay them in Heaps, of ten or twelve a-piece, to ctails their Warmth; and centines to inlarge the Heap every Day, till it becomes double in farth Bulk: At length they join two of their Heaps into cee, which they turn every Day, as before. Lattly, they fair them over again; beginning with holo that had beginned in the day of the day they have been done to the day they are the day of Stacks.

And thus the reft: Till they are carried a Ship board, where they are laid on Branches of Trees; diffused for that purpose in the Bottom of the Veffel, with Mats all around to prevent their contrasting any Mositure.

por power their connecting any Moilture.

There are four kinds of Commodities drawn from Cod,
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the C The Scors catch a fmall kind of Cod on the Coaits of Bu-

chan, which is highly prized, the very much like Ling.
They falt it, and dry it in the Sun, upon Rocks; and fonetimes in the Chimney: But the greatest Part of it is spent

Sturgeon Fishery.

The Sturgeon is a large Sea Fifth, which at its Seafon runs up the Rivers; having a fluary-pointed Snour, flat

M

Palle

Palle

Beily, and bluish Back. Sturgeons are reckon'd among the Number of Royal Fishes; and when left on Shore, be long to the King; but when taken out at Sea, are the Properry of the Person who takes them. See Royat Fift.
There are Stargeons of all Sizes; and we even read of some twenty Foot long: But the middle Size are recken'd the best.

Some will have this the Silurus of the Antients.
"Tis of the Roe, or Eggs of this Fifth, that the Cavis or
Kavis, fo much prized by the Italians, &c. is prepared. See

Sturgeon, when fresh, eats delicionsty. To make it keep, they salt or pickle it in large Pieces, and put them up in Cags, from 25 to 50 Pounds.

The greatest Storgeon Fiftery in the World is in the

The greated Surgeas Fiftery in the Words in in the Mouth of the Folgs, in the Caligian See, where the Mignorian Mouth of the Folgs, in the Caligian See, where the Mignorian for a great Number of Man.

Formal by bage Stakes, dispload in Transgets, representing the Letter Z Several times repeated. There for no folgs the California of th

thereof. "Tis only the leffer and younger Sturgeon, that they pickle for Eating.

PILCHARD Fiftery.

The Pilebard is a fmall Salz-water Fifth, bigger than the Anchovy; but less than the Herring, which in other re-fpects it refembles. Its Head is yellow; Belly, white; and Head, a Sea-green. It cats admirably, fresh, or lightly

faited. There are Scaions for fifting the Pilchard; which, like the Herring and Anchovy, is a Fifth of Paffags. They are prepared and faited much as the Anchovy is; with this Difference, that the Head is cut off the latter: But the Pilchard were diffinguishable from the Anchovy, even the'

Pikhard were difficipalifable from the Anchory, even the its fined over off liveling, the Pikhards showing a very list include ver off liveling, the Tikhards showing a very list. The chief Pikhard Hilbert's are along the Coath of Distriction, from Bart Blanch, as for as Bryd's and along the That on the Coath of Distriction, as for as Bryd's and along the That on the Coath of Distriction is a great Part of Indy. That of the Coath of Distriction is a great Part of Indy. That of the Coath of Distriction is of the Coath of Coath of Distriction in the Coath of Distriction is of the Coath of Distriction of Sort, and most of the Seame of the Coath of Distriction is one own Coath, the Digger, see not for much valued as the first one for our coath of the Seame of Frence, voice of Presery, voice of Pres

principally to their not being fo thoroughy cured. The Sea-

principally to their one being to thoroughy cared. The Section is from Fourt to Affender,—
The Pickards naturally follow one. Light, and will gar.
The Pickards naturally follow one. Light to will gar.
The Court of the Court of

On our Coasts, there are Persons posted a shore, whn fpying by the Colour of the Water where the Shoals are, make Signs to the Boats, to get among them, to cast their

Nets.

When taken, the Fifth are brought to a Ware-hoofe on Shore, where they are laid up in broad Piles, supported by Backs or Sides.

by Backs or Sides.

As they pile them, they fait them with Bay Salt; in which, lying feaking twenty or thirty Days, they ran out a deal of Blood, with dirty Fides, and Bittern; which last draws a deal of the Old From the Fift, to the great LoS of the Owner. When taken one of the Fist, here creasins a deal of Salt, Blood, Scales, E. at Borton, which, with freith Salt, ferrors for another Fisc.

They now proceed to wash them in Sea Water, to clear off the Dirt, and Blood; and when dry, put them up in Barrels, and press them hard down, to squeeze out the Oil, which iffues away at an Hole in the Bottom of the Cask: And in this State, they are fit for Sale, or Ufc.

Pearl FISHERY, for PEARL Filhery.

FISHING, the Act, or Art of catching Fift. See Fish. FIGURE 1. THE STATE OF ART OF CARRING FIJE. See First.
Fifting is diftinguilfied, with regard to its Infirmment,
into that perform'd with the Net, for Fifth that go in Shoult;
and that with the Hock, for fifting Fifth: Which latter is
properly called Angling. See Na.7, and Ancalro.

Fifting again, is diffinguish'd, with regard to its Objeck, into that perform'd in Salt Water; and that in Fresh.
The first practiced for Wooder, Herring, Cod, Salmon,
Pearls, Machard: and other Sea Fith. See Fishillary.
The latter practiced for Pike, Tront, Carp, Tench,
Planck Then. Exit for Perch, Dace, Eels, &c.

Perch, Dase, Est, Re.
The Inferences principally used in Augling, or Fifting
with the Hook, are the Red, Line, Hook, and Fly. See
FISHING Red, FISHING Hook, FISHING Ply, Re.
The Points on which the Art of Fifting chiefly rurs, are

the proper Scafen, Place, Bair, and manner of Applica-tion. What relates to each hereof, we shall here entertain the Reader withal, in the several kinds of Fifting, chiefly practifed among us.

Pike FISHENO. The Pike is reputed the Tyrant of the fresh Waters: By the common Confent of Naturalists, he is the longest lived of all Fishes. The larger he is found, the coarser the Food; and so vice versa. This Fish never lwims

the bengel bred of all Filhes. The larger he is found, the construct the Yood, and for its reput. This filh are evidence constructed the Yood and for its reput. This filh are evidence constructed to the Yood and Yood Andal Yood feven Inches: On the Shank of the Hook is no be filtered, a fmooth piece of Lead, for an find the FIRD hills, which point, the Birth Birth Lead, for the FIRD hills, which point, the Birt to be call up, and down; and if you feel the FIRs are the Hook, give him Leadyn tozogh, to run away with the Bait, and yearsh it; Then firthic him with a finner being the Bait, and yearsh it; Then firthic him with a finner brone, Dacc, or Rock, anomined in Genn of Geo, difficult in Oil of Sylles; and caft it where the Pike Truquent. AT. Top, and Go up the Stream, and you will quickly uncrease. ters it has Isin's little while at the Bottom, draw it to the Top, and for puth eStream, sud you will quickly species a Fike in earnest Parfuit thereof. The Fish bires beth about three in the Afrenoco, in clear Water, with a gentle Gate, from the Middle of Summer, to the End of Autumn; but in Witter all Day long; and in the Spring he bires best pin the Morning, and lare at Night.—Another Method of plains for Fish, for under Hoxinso.

Trees Frances. The Frant is a delicious Freih-water. Fifth, feet-fed with red and yellow scoming in, and going our Gildren and State of the State of

lic in wite for Minrows and May Flics. At the inter. End. of My they are in their prime.

"My they are in their prime." It is carely, are up-their prime property of the form of their prime.

"Wirm, Minrows, and Fly, other Names!, or Artificial. The proport Wirms: are the Benzelling, Labowerm, Sarth-wenn, Dang worm, and Maggot, or Contic, effectivity the two first Earl with their prime are upd., they are the benzer for Earl with their prime are upd., they are the benzer for Frequency changed. For the Minrows, flip the Hock thee his Months, and the Point and Beard out of the Tail, for as it may lie almost threight on the Hock. Then my against the threams, whether is will name. In effect of a Minrow, and the French, whether is will name. In effect of a finite prime of the Treat, whether is will name. In effect of a finite prime of the treat, whether is will name. In effect of a finite prime of the treat, whether is will name. In effect of a finite prime of the treat, whether is will name. In effect of a finite prime of the treat, whether is will name. In effect of a finite prime of the treat of t

Carp Finance. The Carp is gheerily held the Queen of Feel-water in reversibility failed, and of all others, and all and the services of the Carp is the control of the Carp is Place for them.

Fixe for them.

A World of Partieres is required to angle for Carp, on secons of their introduke Policy. They always chair to reheat me, and the second of their fixed-like Policy. They always chair to reheat and to fixed. A Man cannet, be no eathy of the list are, the Red Worm, in Marchy the Candee, in the first them. When they do birt, there is no kair of the Hold. The hint are, the Red Worm, in Marchy the Candee, in Red Worm, in Fixed Candee, and Sugar worspite together, and thrown in Fixed: not the Waters, bone Hourt before you begin to angle. Honey and Sigar worspite together, and there is a Hold Candee Can good Pafte.

Tench Fishing. The Tench is a fine Fresh-water Fish, having very small Scales, but large, smooth Fins, with a red Circle about the Eyes, and a little Barb hanging at each Corner of the Mouth. It takes more Delight among Weeds in Ponds, than in clear Rivers; and covets to feed in foul Water. His Slime is faid to have a healing Quality for wounded Fifh; upon which Account he is commonly called

wonded lift; you which Accent he is commonly cilled the Flow Phylicina. When the Cuty Phylic, flow are fall, they find Relief by rubing themeloves against the Tench. The Scales for exclusing the Flin, is Flow flow for the Cuty of the C

Pearch or Perch Fississo. The Pearch or Perch is hook-back'd, not sulfike a Hog; arm'd with this Griffler, and his Sides with dry thick Scales; He is voracious, and will venture on his own Kind; even with greater Courage than the Pike. He foldem grows above two Foot long: He fpawers in Perbrary, or March; and bitte belt when the Spring is far fpent.

Roads Fitting. The Roads, or Roader is no delicate, but a very ship lith. Those in Kiven me more valued, that figure the property of the larger. They figure about the Middle of May.

To angle for this Filh is Afric. Onde or Women's preThe might be the Filh is Afric. Onde or Women's preThe Maria shaves be a under Worer or forthe Elft will use to be a served to be a served to the served of frums in this fort of Filbing.

Dace, and Dare Figures. The Dace, and Dare, bearing a near Refemblance to each other, in Kind, Size, Goodocks, Feeding, Canning, £6, we join them together. They blie at any Fly; but effectively the Stone Caddice Fly, or May Fly, the latter Fad of April, and most Part of May; and the Aut Fly in Janes, July, Angalt, &c. They meety

a famil Leach may form the Tenty or for water of cititer, and refined as may be made of Greek by the Life, which we will be the started one factor of the started one for Fig. 19 and the star

Gudgeon Fishing. The Gudgeon is a fmall Fifth, of a very delk-loss Tafte. It fpawns three or four times in the Sumer Seafon, and feeds in Streams, and on Gravel; flighting all kind of Flies; But is eafily taken with a small red Worm. all kind of Fliest. But is early sixen with a final red Ween, Philips up on the Ground, and being a selector mounhed 1870, will not criff be off the Hook, when first. The Godgeen may either be fill for with a Floss, the Hook being on the Ground; or by Head, with a running late on the Ground, and the Ground of the Hook being on the Ground, and Cell Buist, and on any ever fill him with two or three Hooks at the time time; which makes good Sport. When you sugle for Godgeon, fir or the Sand or Ground with a long Floss, which will make them gather so the Flaes, and bite the faller.

Flounder Figures. The Flounder is a flat Sca or River Fifth; caught in April, May, Jane, and July, in any time of the Day; in a Swift Stream, and fumetimes also in the fill Deep. I he best Bait is red Worms, Waspa, and Gentles—

Met Paursee. The Rei in a Prefly setter Elli, much in Shape of a Seprent. Namulith have leng leven divided, as to the Manner how it is produced; whether by Generation, or Carruption as Wormen see, or by occasin glatinosa Dew Drops, which, felling in May and Yime on the Brake of Some Deeds and Mixers, are by the Heat of the Son armad into Est. This is certain, that there is not the leaft Appearance of See on Difference therein. May 1,000 for producing them. of Sex or Difference interdin. Alte. Algium, in a Verenticol the Original Jaimani, destricted sufficio of prodicing them by Are. Me fays, that if you cut up two Turky, correct them to the Control of th

met at anome be general met, it as vitages than a final Neccles. But present the present of the

Chab Farmaso. The Chesis or Chab is a Freth-water Fifth, with a large Head, at I fasows in March, and a very frence, the landstry yelding in a very limit Druse, distance is threatly, and the larger he is, the one is the control of the control of

PISHING Fly, a Bait wied in Angling for divers kinds

Fig. 18. Dat wide in Angling for directs kinds of Fifth. See Fig. 20 and Fissers.

The Fig is cluber Natural, see A. Thie more usual on this concliona to the Darle-Fig, the Storte, and Fig. 18. Darle-Fig. the Storte, and Fig. 18. Darle-Fig. the Storte - Angli-Fig. 18. Darle-Fig. the Storte - Angli-Fig. 18. Darle-Fig. 18. Darle-F glatted themselves therewith

fometimes change their Fly, has it is only when they have glared demokriscs attenued in the Manal Time, other on the Sarfice of the Witers, or a little undermeeth it.

In angling for Chernia, Ranke, he Danes, move new year to the Sarfice of the Witers, or a little undermeeth it.

In angling for Chernia, Ranke, he Danes, move new year was the same properties of the little with the same properties of the little with the same properties of the little with make him eagerly parties. When the same properties were the same properties of the little with the little with make him eagerly parties. When the little with the little with the little with the little was the little with the litt the Body made of duthift Wood, and the Wings with the blackfill Mull of Durke, "J. Tamey F.; thil the Middle of Jame; he Body made to those you do not concray one signific the other, of the which Mull of occurrey one significant to other, of the which Mull of of black Wood, cut about with velow Bilt, and the Wings of Diskes-Stathers, "The State-F.; in the Middle of July; the Body made of greening Wood, cut about with Body made of greening Wood, cut about with Body made of State Wood, cut about with the Body made of State Wood, cut about with Eastern Wings. In The Drobe-Fry, in Engrish, the Body made of State Wood, cut about with State Silk, he Wings of the Mull of a black Droke, with a State Head. This both Rules for Artificial Thy-Tifling, are

or in a cloudy Day, when the Waters are moved by a gentle Breeze: The South-wind is belt; and if the Wind blow

the Water with your Line. 3°. Ever angle in clear Rivers, with a fmall Fly, and flender Wings; but in muddy Places afe larger. 4°. When after Rain the Water becomes brownish, afe

4. When after Nam the water becomes drowning and Orange-Fly; in a clear Day, a light colour'd Fly; a dark Fly for dark Waters, &c.

So Let the Line be twice as long, as the Red, unless the River be incumbered with Wood.

6°. For every fort of Fly, have feveral of the fame, dif-fering in Colour, to fuit with the different Complexions of feveral Waters and Weathers. 7°. Have a nimble Eye, and active Hand, to firike pre-

fently with the rifing of the Fifth; or elfe he will be apt to fpew out the Hook-

8°. Let the Fly fall first into the Water, and not the Line, which will state the Fish. 9°. In flow Rivers, or till Pinces, cast the Fly cross over the River, and let it fink a little in the Water, and draw it

gently back with the Carrent.

Salmon-First fload be made with their Wings standing, one chind the other, whether two, or foor. That Fish delights in the gawdiest Colours that can be; chiefly in the

delights in the gradient Colours that can be; a chiefly in the Wings, which must be long, as well as the Tail. Firstruc Floots, are little Appendages to the Line, ferr-ing to keep the Hook and Blait fully-ended at the proper Depth, to distover when the Bilh has hold of them, St. Of these are divers Kinds; forom rands of BigGroup Duck-quilli, which are the best for slow Waters; but for slower Streams, found Gody, without Flaws or Holes, bound the

with an hot fron, into which is put a Quill of a fit Propor-tion, is preferable: Pare the Curk to a pyramidal Form, and grind it fmooth.

There are feveral Sizes of their Filming Filoson, more one, forms thirty, and of their forms have peculiar Namers; as, 1. Single Hooks. 2. Double Hooks, which have two Bendings, one contrary to the other. 2. Snappers, or Gorgers, which are Hooks to whip the Artificial Fly upon, or to balt as

compt, one contrary to the other. It advantages to designer, with the Natural Phys. 4 Springer, or Spring Hotel, as had of clouds Hotels, with a Spring, which file open, being fruck in one spits, and is over a brunch open. The spring Hotels is the spits, and is the spits, which file open, being fruck in the spits, and the spits, and the Line is this object, for Angling.

Of their them are reveral Serviz, as, has a Ring at the East of the Real, for the Line to go through, when it turn off a Real. 2 Milleger, even the spits, and the spits of the Line and the spits, and the spits of the Line and the spits of the Line is spits, as a spit of the Line and the spits of the Line is strong below, and the spits of the Line and the Li Eels in their Holes. See ANGLING, &c.
FISHING Veffels, or those afed in the several Fisheries

at Sea, or on the Coafts, are the

Buffi Coble. Hod North Sea Boat. Cock. Peter Boat, Dogger Driver. Smack. Strand Boot, Ecl Bost Euar Boat. Trawler. Flybote. Trinker.

FISSURE, FISSURA, in Chirargery; A Cleft or Crack in a Bone: Or, a longitudinal Fracture of a Bone: Or, a Solution of the Continuity of a Bone, whereby it is only chiren, or crack'd. See Fracture.

Solation of the Continuity of a Bone, whereby it it only cheen, or excite, See Fascerra, or excite, See Fascerra, or excite, See Fascerra, or expect, by the Greater and See Fascerra, or See Fascerra, See Fascera, See Fascerra, See Fascera, See Fascerra, See Fascera, S

ing a String between his Teeth, while the Charusgeon paids it brought.

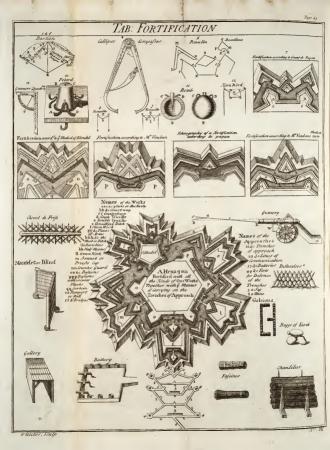
It brought is the regardy needing to perform the Ernstein of the Canisms, no give Venn for the Blood and Sinus.

ISTILLA, he has ensired Madech, As bultummen, of the Ward Lind, when the general teeth of the Canisms, not the Ward Lind, when the general contract of the Antients, are the Talks, and rightest. The how their were conflicted to rewherein they diffired a cross they are they were play for the desired they differed a cross-state of the Martines. Some badd Holes, form none; Some again were fingle First; others a Combination of Ferral; Murches Committee of Ferral; when the Syrings of Plans as Combination of Ferral; Intellect the Syrings of Plans.

See Tiera.

Fustuela, in Medicine, A deep, winding, callous, cavercons Uker, with a narrow Entrance, but opening thence
tion a fincione Blottom; and generally yielding a flarp,
virulent Matter.

Figinal' differ from winding: Ukers in this, that the
former are callous, and the latter not. See Ukera.



They attack all Parts of the Body, without Exception; particularly the Anus, Foramen lachrymite, Thorax, &c. The general Caule of Fightats; is forme Abfects, or Ulcer, which either being invetorate, or having been ill ufed, comes to be callous; the Orifice being at first lined or incrustated therewith, and at length toe whole Sinus.

The Cure confifts, in confurning the Callus, and healing, and confolidating the Ulcer with cleaning Medicines, and

Sarcoucks.

The Antients gave the Name Fiftula to this fort of Ulcers, from the Relemblance they bear, on account of their Depth, to a Flute; or Pifer, called by the Latins Fiftula.

Figura in Ano, is a Fiftula formed in the Anus, of Sec Anus. Of this, fome Authors reckon four Kinds, vis. the Cocum

Of this, some nuthers rector four Amons, was the com-pletermen, which sopen outwards, but not into the Rectum: The Geeum Evernum, which has an Aperture into the Rectum, but none outwards: The Complete, which opens both into the Amus, and the Intelline: And the Contentiating or that with foveral Sinus's, which dicharge themselves into me common Cavity, that is the Fund, and as it were, Re-

fervoir of them all.

fervoir of them all.

Others, as Wifeman, reduces Fiftula's in Ann to two
Clades. The first see those, arising from a Phyma; These
are very painfal, and difficult to cure; as entering deep amonght the Intellines of the Mufder, and forming various
Canicali, or Sinus's, which, the more remote they are from
the Anns, the worle they be, by reason they do not allow of being cut: The fecond, owe their Origin to an internal being cut: The second, owe their Unign to an internal Hamorrhage, or Extravalation between the Coast of the Rechun; and have a fmall Perforation, near the Circum-ference of the Anus, whence they yield a thin Sanise, or lebor, without Pain: They in time being on Itchings and Excortations; and the Orifices at length become callous, and are formerimes cloted, and fornetimes open again.

and are dustrates cover, and intentines open again.

Fiftile, if they do no Harm by the Copocahels of the
Flux, the Steach, or the like Accidents, are a Benefit to
Nature, as carrying off citchellic Humous 3 and ought not
to be cured, but kept open. The fresh, simple Fiftule may
be cared without Danger.

The great way is by cutting; where that may be done without Damage to the Muscle of the Anus, which might occasion an involuntary Discharge of the Excrements. Cut-ting is either perform'd with a Thread, or a cutting In-strument. See each Method under the Article Cuttino

firmmen. See each Method under the Article CVTTING for its Effluit in 18 Fiftuit in the greater Canterior William (and the State State) and the state of the Page of the State erpetual Oozing.

Sometimes the Os Ethmoidis it felf is corroded, and ren-der'd carious by it; in which Condition it is supposed to be only curable by an actual Cautery: Sometimes it becomes cincrous; and then, Riverius directs, all Medicines to be laid

afide. The Gure of the Fiftula lacbrymalis, is wholly external and chirungical; excepting that Evacuants and Mercurials may be given internally; as a life Decelhous of the Wood Some perforate the Os Nafi, to give room for the Matter, to the evacuated that way.

us ne evacuated that way.

A French Chirupton, named Anel, has found out a new
way, vis. by putting a Probe and Syringe of an inconciveable Finench, they the Puntla lathrymatha into the Sacculat lachrymath.

Fistula was also the Pipe put into the Cup, out of which the Communicants antiently sucked the Wine. which the Communicants autenty tucked the Wine. Druight Euclipit Gruets, Alarria, Serima, Se. Situlas, Filtulas, \$\frac{1}{2}\text{First Agents} \text{ Arma Serima, Sec. Situlas, FISTULAR Flowers, among Herbalitis, are these made up of many long, hollow, small Flowers, like Pipes all-di-vided imo large Jaggs at the cold. Sec Fuovar Entire FISTULOUS, or TEVYLAN, is applied by the Chimu-poms to Wounds and Ulcen, which degenerate into Fi-poms to Wounds and Ulcen, which degenerate into Fi-

ffuls's. Care must be taken, not to leave the Seton too long in the Wound, lest it renders it callous and fiftulous. Dionis.

Among Botanists, fiftulous is understood of such Leaves

Among Botanits, Island hollow within, like a Fiftula, or Flate, as are round and hollow within, like a Fiftula, or Flate. Thus the Leaves of Onions are faid to be fiftulent-FIT, in Medicine, an Acces, or Paroxyfin. See Pa-ROXYSM.

Firs of the Mother, See Hysterica Affelion.

Firs of easy Resession and easy Transmission, See Re
FLEXION, TRANSMISSION, LIGHT, Sc.

FITCHEF, or Fromes, in Heraldry, is when the lower Part of any Crofs is flurren'd into a Point, fit to fix into the Ground. Thus, Asure, a Code Forten Firebes-the Origin hereof, Mackensey aferibes to the primitive Chriftians, who ufed to carry their Cooffes with them, wherever they went; and when they Moyd at any Place in a Journey, fix'd them

in the Groun

FITZ, 2 French Term, literally denoting Son; some-times given by way of Addition to the natural Sons of the Kings of England; as James Fitz-Roy, Duke of Graf-

for, ecc.

FIVE-leav'd Graft, Cinque-foil, in Heraldry, is us'd by fuch as would introduce a Blason by Herbs and Flowers, inflead of Metals and Colours, to fignify Vert or Green. See

FIXATION, the Act of fixing, or rendering a thing firm, and fix'd. See Fixiry, and FirmMyss.

FIXATION, in Chymility, is a peculiar Preparation of Microury, whereby it is put in a Condition to best the Fire without expansions. without evaporating; or the Hammer without flying, or fe without evaporating; or too training.

parating. See Mercury.

The Alchymids hold, that if they had the true Secret
of fixing Mercury, without the Addition of any foreign lefs
heavy and folid Ingredient, they could make Gold, at leaft

heavy and folid fagrediens, they could make Gold, at least Silver. See Pitticsopriatas, Some Mond. Himberg has a long Process of many Months, to Mond. Himberg has a long Process of many Months, to more, which he inseed first Marter, we human Exerc-ments, which he inseed first Marter. Mercury into Silver; but he full. See Fisch. Marter. The Term's likewide applied in the general to any thing therefore, and binds together what of its own Nature is the first of the process of the process of the first for fore confiderable Vingo littles the Force of the Fire for

me confiderable Time.

Gebor defines Fixation an Operation whereby a volatile thing, i. e. a thing that cannot endure the Fire, is render'd capable of enduring it. In the general, Pixation is the chang-ing of a volatile Body into a fix'd one. See FixeD.

FIXT, or FIX'D Bodies, in the general, are fuch, as nei-ther the Fire, nor any Corroftvo, has such Effect on, as to reduce or refolve them into their component Elements, i. e. absolutely to destroy them.

Chasvin holds it not fufficient to denominate a Body fixt, Chourie holds it not fulficient to denominate a Body for, that it can withinked the Fire, or any one Agenty has it thoused withined all. He contends, that First'y thoused not be relatively, at a takempton from Everpare Chemistry, and the Chapter of the First's thouse the Chapter of the Chap

The Chymilts divide all Natural Bodies into fix'd and co-latile, i. c. Such as bear the utmost Force of the Fire, with-out diffipating, or spending themselves in Fame; and such

out diffusiting, or 'peculing themselves in hume; and task not first portion of the cold, Silven, precision of Cold, Silven, prec of Funes and Vapours, etc. the Rarefaction, or Expansion of the Body being here procluded, the Metal maintains its natural Weight and Tendency to the Centre. See RARE-CTION, and EXPANSION

Mr. Boyle, the Prince of Mirandola, Monf. Homberg, and others, have made numerous Experiments on Gold, Silver,
See, to fee how far their Fixity extended. Pure Gold, kept
in an intende Hear for two Moneths, loth nothing fenible of

its Weight. See Gold. Silver, under the like Greumstances and in the like time, lost one swelfth Part of its Weight; the Mr. Boyle attributes this to the Metals not being fine the Mr. Zbyle attributes this to the Metals not being size and pure. See Silvar, See also Salv, Diamour, Grand purched, by the great Burning Glaffe of Med. Tjehtrangen and Fillette, the molf first Bodies, as Gold it felt, are rendered volatile, and lofe of their Weight, for that there is no Body in all Nature absolutely fair. See Burning or the State S

Fix's Steri are fuch, as constantly retain the fame Post-

tion, and Diltance with respect to each other: By which they are contra-diffinguish d from creatick or wandering Stats, which are continually shifting their Situation and Diflance.

thrace. First Stars are, what we properly and abblested will Stars The self have their peculiar Denomination of the Stars The self have their peculiar Denomination of the Stars Theory of the Arms and Court. First Stars of the Ardistate, according to from a re the Signs Tarran, Lee, Storpis, and Aguarias. See Struct. They are for called, because the Stars First Stars Court for the Middle of each Quarter, when that periodal reals in some tettled and sixed, than under the Sign, which hegins and ends it. Fix'n Salts. The Chymids diflinguish Salts into fix'd and

Fix'd Salts are these extracted or gain'd from Bodies by Calcination and Lotion. They are call'd fix'd, in that the Fire was not able to sublime or raise them; as those carried off in the Course of Calcination, by the Vehemence of the Fire,

are called volatile. See SALTS The Afhes of all Plants yield fix'd Salts. See Lixi-

The Chymists also give the Appellation fix'd to certain their Preparations. Fix'n Nitre is a Preparation of that Salt, by fusing it in a

Crucible, and then inflaming it with throwing in a few Casts, and this again and again, till no more Flame or Detonation and this again and again, till no more Fiame or Detonation artife: Then letting it cool, they pulverlace, and then diffolive it in Water, and afterwards evaporate it into a fine white Salt; which ferres to draw the TinGatness out of Vegetables. This Salt, per deliquiom, yields, what we call, the Liquor of fird Nivre. See Niran, and Salt-Petre. FIXING Sulphur, ice Surprus and Market.

FIXING Sulphur, ice Surphur and Marxi.
FIXITY, or Fixinness, in Philotophy, the Quality of a Body, which denominates and renders it fix's: Or, a Property, which realists it to endure the Fire and other violent Agents.

Agents.

According to Chemin, Finity confiits in this, that the component Principles of the Body are to closely united, or cohere to throughy, and are mix'd in fach Proportion, that they cannot easily be divided either by Fire, or any other corrolive Menthruum, or their integral Parts leparated, and carried off in Vapour. For a Body may be taid to be fixed. in two respects.

first, when exposed to the Fire, or a corrosive Men-struum, its Particles are indeed separated, and the Body render'd fluid; but without being resolved into its first Ele-The Second, when the Body fuffains the active Force ments: ments: Inc Scott, which the Lody latents to better the being carried off in Furnes. Each kind of Fixing is the Refult of a frong or intimate Cohefion between the Particles of the mix'd. See Contains.

Fixity, or Fixeduch, in Chymistry, is in a peculiar man-ner used ier the Property opposite to Volatility, i. a. the Pro-perty whereby Bodies bear the Action of the Fire, without being dislipated in Fumer. See Volatility

Particles, and their being contiguous in a great many Points, or a deal of their Surface, which produces a fironger Force of Attraction and Cohefion. See ATTRACTION, COHE-

FLACCIDITY, in Medicine, &c. a Diforder of the Fires, or folid Parts of the Body, opposite to Rigidity. See

The too great Flaccidity of the Parts is cared by Car Exercise; Friction; a dry warm Air,

FLAG, a general Name, including Colours, Standards, Antients, Banners, Enfignt, &c. which Authors frequently confound with each other. See Colour, Standard, BANNER, &c.

The Fashion of hearing the Flegs pointed, or triangular, which now obtains, Robert Toletton, affects us, came from the Mohomana Archs, or Saracer, upon their leading of Spairs, before which Time all the Enligns of War were freeched, or extraoded on crophylects of Wood, like the Bausars of the Charch; on which account they were called the state of the Charch; on which account they were called a state of the Charch; on which account they were called a state of the Charch; as is re-

The Firstes of Agiers, and throughout the Coasts of Bar-bary, are the only People who bear a hexagonal Flag. It is Guies, charged with a Month 17 han, &c. though this be expresly contrary to their Law, prohibits the making any Image, or Representation of a Man; founded on an Opinion, that they who make them, shall be obliged at the Day of Judgment to find Souls for them; and that in defect hereof they shall be damn'd. for them; and that in defect hereof they shall be damn'd. But this Portrait is that of Hali Sulficar, Maboner's Son in But this Fortrait is that of Hall Sulficar, Massemers soon in Lum, to whole Farry the Africases all retain; who order'd that his Effigy should be expected on their Hags and Stan-dards, believing himself to formulable to the Christians, that the bare Sight of his Image would carry undoubted Victory over them. 'Leunciavis

Fr. ao is more particularly used at Sea, for the Colours, Anticars, Standards, &c. bore on the Top of the Masts of Vessels, to notify the Quality of the Person who commands

Veffels, to notify the Quanty of the region who commands the Ship, of what Nation it is, and whether it be equip'd for War, or Trade.

The Admiral alone carries his Flag on the Main-Top, or Top of the Main-Mail. See Amarika L.

The Vice Admiral carries his on the Fore-Top; and the

Rear Admiral his on the Mizzen Top, or Top of the Mizzen The Commanders of Squadrons bear their Flog on the Mizzen Maft, when in the Body of a Fleet: And on the Main Mast, when they command a Party. It should be cleft

two Thirds of its Height, and terminate in a Point.
The Flogs bore on the Mizzen, are particularly called See Mast, GALLANT, &c.

The Figg of the French Nation is blue, charged with a nice Cross, and the Arms of France. Befide the National Flog, Merchant Ships frequently

bear lefter Flogs on the Mizzen Mash, with the Arms of the City, where the Master ordinarily resides 3 and on the Fore-Mash, with the Arms of the Place, where the Person who fraights them, lives.-

To Lover, or Strike the Flag, is to pull it down, out of Respect or Submission, when a weaker Party meets a more powerful one.

powerful one.
By an Ordinance of Philip II. King of Spain, 1565, the
Captains are peremptonly commanded, to perifit rather,
has lower the Royal Flag, when once hung out.
To hang one the White Flag, is to alk Quarters Or,
thewar, when a Velfel is arrived on a Coult, that it has no
bolitic Intention, but comes to tried, or the like. The
real Flag is the Signal of Definee and Battle.

red Figg is the Signal of Defiance and Bartle.

The way of leading vanquish'd Ships in Triumph, is to
tye the Figgs to the Shrouds, or the Gallery in the Hindpart of the Ship, and let them hang downwards to the Waters
And to sow the Vessels by the Stern. Twest thus the Ro-

And to sow the Veffels by the Stern. I was thus the Ke-main used those of Carthage, as Livy relates. Fig. 85th, a Ship commanded by a General, or Flag. Officer, who has a Right to carry a Flag; in Contra-di-flication to the fecondary Veffels, under the Command

thereof.

FLAG Officers, are the General Officers of Fleets, Squa-dross, &c. Such are the Admiral, Vice-Admiral and Rear-Admiral. See Apmir Al. The Flag-Officers in Sox-Pay are the Admiral, Vice-Admiral, and Rear-Admiral of the White, Red, and Blue.

See Navy. FLAG States are Staves fet on the Heads of the Top-

Gallant Mafts, ferving to let fly, and unfur the Flags.
Fraces, in Faicours, are the Feathers in a Hawk's Wing near the principal ones. See Frantiers.
FLAGELLAN'TS, or Fracellantes, a Sect of Here-

ticks, who chastisfed and disciplined themselves with Whips, in publick.

The Soct of the Flagellants had its Rife at Perosse, in the Year 1260. he Year 1260. Its Author was one Raissier, a Hermit. Twas in all Probability no more than an Effect of an in-

discreet Zea A great Number of Perfons of all Ages made Processi-

wilking two blows to framino an Angel mace Tolermens, wilking two blows the help Shoulders bare, which they whire A, till the Blood ran down, in order to obtain Mercy from God, and appeals his Indignation against the Wickedness of the Age. They were then called the Devon; and having classified a Saperior, he was called the Geometric Company of the C neral of the Devotion.

Women did not appear in these publick Affemblies; the' they practised the same Severities: But it was in private, and in their own Houses,

Proceedings, Illuminations, U.S. See LAUSEA RAY.

Kinshear differ from Linkt, Treviers, and Tejers. See

Kinshear differ from Linkt, Treviers, and Tejers. See

They are made figures; fonetimes of white Was, and

finetimes of yellow. They usually could for four Wisk,
or Branches, rear as lock thick, and about three local long;

They are made with the Lodie, much as Truches, or

They are made with the Lodie, much as Truches, or

They are made with the Lodie, much as Truches, or

They are made with the Lodie, much as Truches, or

They are made on the Lodie and a truck on the

Top of the Kevral dispended Wisks, and alternity tru adom
has thus gos its feveral Cover of Was, they lay them to

dry, then will then on a Table, and is pin four of them

to the process of the second of

ranches. See Wax CANDLE. Branches. See Was CANDLE.
The Hambesto of the Authors were different from ours. They were made of Woods, dried in Farnaces, or otherwise. They used divers kinds of Wood for this Parpofer. The most usual was Pine. Phiny fays, that in his Time they frequently allo burn Oke, Elm, and Haske. In the VII's Book of the Zhord, Menthen is made of a Hombest of Pine; had Grivins on that Patling remarks, that they

also made them of the Cornel Tree.

FLAME, the brightest and subtilest Part of a Fire, ascending above the Fewel in a pyramidal or conical Figure.

See Finn.

Flosse focus to be the Smook, i.e. the Furnes, or vola-tile Parts of the Fewel, greatly rarified, and at laft kindled, or heated red hot. By the great Rarifiction, the Matter be-comes to light, as to be raised with great Velocity in the Air: And by the Perfuse of the incumbent atmospherical Fluid, it is kept for fome time regenter; the Air forming a fort of Asset or Soluter around it has the second of the Control of the Control

and of yet returns of the demindent stem judicial at some at Archy, or Sphere second it, that present is formedistical Fig. 4 archy, or Sphere second it, that present is formedistical Fig. 5 archives the fatto and Dilipation, and by it to Contiguity and Firstation Left function and the fatto and the second stem in the fatto and the fatto from the fa

In the Middle of the Zun Cantury, the Such of the Bagedanire was reduced, on occasion of a great Mertality.

The Biffurgs and Magniferane at length found in recentlery to put a Story to the Education of the Control of Story and Fine Heat to great enough, the Fanne will put a Story to their Education of the Control of Story and Fine Heat to great enough, the Fanne will be put as Story to their Education of the Control of Story and Fine Heat to great enough, the Fanne will be put as Story to their Education of the Control of Story and Fine Heat to great enough, the Fanne will be put as Story to their Education of the Control of Story and Fine Heat to Great enough, the Fanne will be put as Story to the Story and Fine Heat to Great enough the Control of Story and Fine Heat to Great enough the Control of Story and Fine Heat to Great enough the Control of Story and the Story and Heat to Jan Englands of Story and Education of Story and Heat to Jan Education of Heat to Jan Education of Heat to Heat to Jan Education of Heat to Jan Educat

We have feveral Inflances of actual Fiames's being produc'd We have feveral inflances of a schual Famer's being produced by the Mixtures of two cold Láquan. To, Star's gives us a Lift of the Cib which burth into Finne, upon mixing them with composed gives the Cibe and the Cibe of Carrier, which composed gives the Cibe of the Cibe of the Cibe per, Hartfitton, Blood, 45c. Phil. Tyruffeld. No. 21; Viral Fazzar, Kanshan, or Fazzantez, Viralit, a far-warm, kindled, but mild shaftinee, (upposed by many both of the Antiensa Monderan, to redied in the Harts of A-nimals, as necessity to Life, or rather, as their which con-filtrate Life it felt. The Cibe of the Cibe of the Cibe of the Interest Life it felt.

To the Prefervation of this Flame, they suppose Air as necessary, as it is to the Conservation of common Flame; And hence refer the Necessary of Respiration to animal

And hence refer the Necetity of Redjectation to animal Elife. Sec Lars: Mr. Bopfe, by Experiments in an exhaulted Receiver found, that the Final Plane of Animals, if Life may be fo catled, farriver, or outlant the Plane of Spirit of Vine, or main alive and well in Varon, for three or finer Minner, whereas no common Flane would left there on Minner, The Light of Glowerms be found would perfairly be de-floyed by exhaulting the Air; and retriev'd again upon its Re admittine. Dr. Quincy can find nothing more in the Notion of Vi-tal Flame, than the natural Warmth, which is the Effect of a circulating Blood; and which is always as its Velocity.

See Calidum Innatum FLAMEN, among the antient Romans, was a Prieft, or

Minister of Sacrifice.

There were as many kinds of Flamens at Rome, as there were Gods who had Priests, and Sacrificers

Numa, at first, only instituted three: One for Jupiter, called Flamen Dialis; another for Mars, called Flamen Martialis; and a third for Romalus or Quirinus, call'd Fla-Mariani; and a third for Remains or Zurrans, call d Fa-men Quirinalis. See Drains, &c. In After-times review more were added; which made the Number of Figuress fifteen.

the Number of Fismers litteen.

The three fift were taken from among the Patricians; and were held of a Rank and Diffinition fuperior to the reft. They were called Greater Fismens, Fismens majeres; in Contra-diffinition to the other twelve, who were chold from among the Piebeians, and were called Lefter Flamens, Fismens, Piemines and Patricians, and were called Lefter Flamens,

from among the recovers, somewel caucac Layer among the recovers, so the first limited, and held in the greateft Repute. He bore a peculiar Ornament on his Head, called Mogaderni, white Cap, or Hat; which was made of a white Viclim, tearlised to Joyfeire. The Cap wore by the reft, was called Homistering, or Gerizmi. It was made of a Steeps Skin, with the Wool on:

To it was fasten'd a little Branch of an Olive Tree. That of the Flamen of Jupiter ended in a Point, called Tutulus. It was tied under the Chin with Strings. In the Summer It was tied under the Chin with Strings. In the Semmer time it was only made of woolen Thread: With this the Head was confinity cover'd; it being prohibited them to appear bare headed. And hence, according to Felfan, etme their Denomination of Flamen, viz. from Filamen, of Fi-

lum, Thread.

Tho' the Flamens all bore one Name; yet did not they constitute any thing of a Company or College. Each God had his feveral Sacrifices, Feafts, and Ceremonies a part: Nor had one Homen any relation to another; only they were all subordinate to the Pontifer Maximus. Aulus Gellius an uncommute to the Pointfew Maximus. Asias Gelius and Galines as, that they were created by the People in the Comitin of the Carin: But the Pointfew Maximus conference them. Their Priethbood was perpetual; the' on fome Occasions they might be depoted.

cations they might be depoted.

The Names of the feveral Hamen; are as follow: The three great Flamens, as already observed, were the Flamen Dishin; Flamen Marrialis, and Flamen Quirisalis. The United Section 1988, and Flamen Carmentalis, or Frield of the Common Chamber of the Price of the Price of the Common Chamber of the Price of the tweene letter were, the Finance Laymentistis, or Friedle of the Goddeh Garmets: Finance Blacker, or Priedle of the God Falacer; a Name, whole Origin Varre observes, is not Lenows: Finance Faraits, or of the Goddeh Fara: Finance Farrinalist, whole Esymology is not known: Finance Levins-lit: Finance Loudistis: Finance Polatinalis, whom some Moderns will have the Priedl of the Goddes that persided the Philitage of the Company of the Company of the Company of the Philitage of the Company of the Company of the Company of the Philitage of the Company of the Company of the Company of the Philitage of the Company of the Inducers will nave the Friett of the Condets that prelided over the Palatium; the Varro owns himfelf at a lofs for its Original: Flames Pennondir, or of Pennon, Goddels of Fruits: Flames Varbialit, or of the God Fribius, whom fome take for the fame with Hippolysus: Flames Valuation, and Flames Valuation of Valuat; and Flames Valuation, or of the God

Volturum.

They had also their Flamines or Flaminies, who were Wives of the Flament, or the Prichests of the Deiries. In an antient Marble, quoned by Gruner, D. COCLIA. 11. 9, the Word Flamins is alsoft for Priedles 1 and in the fame Author, p. CCCVIII. 11. 2, the Priches of the Goddes Farguin is called FLAM. FERON. that is, Flamina, or

Flaminica Fermie.

The Flamina bore the same Ornament on her Head with the Flamen. She had also the same Surname with her Hufthe riames: one init also use ratio damains was her re-band; as Flank Dilais, Marrialis, See Greek Militia un-cic flamMULA, or Flank La, in the Greek Militia un-cic flam of the Engine, was a kind of Ornament, ferring as a Mark, or Badge, to dillinguish the Several Companies, Batalloss, Regiments, Ge.

In Greek it was called philusuhor. The Flamula was some-In Greek it was cauca passiman. The Fishman was sumer-times placed on the Cask; founctimes on the Coirafs, and founcimes at the End or Tip of the Pile, ge-The Emperor Materice order d, that the Passimale of each Division should be of a different Colour, to diffinguish

them from the other Baralions or Brigades. or disease sudres proper Whiteen Street,

They used to lay aside the Flammula before so Engage-ment, left it should prove an Incumbrance. The Cavalry had also Flammula on their Horses, to diffinguish the Troops

they belong'd to. FLANCH, FLANQUE, or FLASQUE, an Ordinary in Heraldry, form'd by an Arch-line, which begins at the Corners of the Chief, and ends in the Base of the Escatcheon: Thus, He beareth Ermin, two Flanches Vert.

Flameber are always born by Pairs.
The Flameb bends in more than the Flafk.
Leigh makes Flamque and Flask two diffined and subordinate Bearings; but Gibbon judiciously makes them but which he calls Flanque.

one, which he cans Flankel, a kind of flight, loofe, woolen Stuff, nor crofs'd, but very warm; compos'd of a Woof, and Warp, and wove on a Loom, with two Tredles, after

the Manner of Bays, &c. See Bays. FLANK, or Flanc, in the Manage, is applied to the Side: of Horles Buttocks, &c. In a strict Sonfe, the Flanks of a Horse are the Extremes of the Belly, where the Ribs are wanting, and below the

The Hanks of a Horse should be full; and at the Top of each, a Feather. The Distance between the last Rib, and Haunch Bone, which is properly the Hank, should be

and Hautich Both, which is properly the Trank, Indiana te floor; which they term well-compled: Such Horfes being most hardy, and fit to endure Labour. A Horfe is faid to Espue so Flank, if the last of the floor Ribs be at a confiderable Diffance from the Haunch Bone; as also when his Ribs are too much streighten'd in their

Compais.

FLANE, in War, is used by way of Analogy, or Similitude, for the Side of a Batallon, Army, &c. in Contra-diflinction to the Front and Rear. To attack the Enemy in Flank, is to discover, and fire upon them on one Side. The Enemy took on in Flork. The Hand of the India-try must be covered with the Wings of the Cavely, Exaxe, in Fortification, is a Line, drawn from the Ex-tremity of the Face, towards the India of the Work, Such is the Line B A Tab. Fortification. Fig. 1. Or, Florak is hard Part of the Eallien, which exaches from the Courin to the Face, and def-rad the opposite Face, the Jinds, and the Courtin. See Barrows.

There is allo an Oblique, or Second Flank, which is that Part of the Courtin, where they can fee to cour the Face of the opposite Bastion, and is the Distance between the Lines Razset, and Fitchant.

The Low, Cover's, or Retired Flank, is the Platform of the Cafemate, which lies bid in the Battion.

the Catemate, when he has in it is claim.

Simple Planes, are Lines, going from the Angle of the
Shoulder, to the Courtin, whole chief Office is for De-fence of the Most, and Plane.

Flane of the Courtin, or Second Flank, is that Part of
the Courtin between the Flank and the Polot, where the

Fitchant Line of Defence termin Fink Fitchaut is that from whence a Canon playing, fireth its Bullets directly in the Face of the opposite Ba-

FLANK Razent is the Point, from whence the Line of Defence begins, from the Conjunction of which with the Courtin, the Shot only releth the Face of the next Baffion;

which happens when the Face cannot be discover'd but from the Flank alone. the finite knoc.

Retirul Fa. Low, or the Lower and Goory Flank; that Retirul Fa. Retirul

FLANE'D Tenaille, call'd also double Tenaille. See TE-

FLANK'D, Flanque, is used by the French Heralds, to express our Party per Saltire; that is, when the Field is divided into four Parts, after the manner of an X.

The', Columbiere uses the Term in another Sense, which to us appears more natural, viz. for the taking of Flanksor rounding Sections out of the Sides of the Escucheons; rounding Sections out of the Sides of the Efeutheoms; the first from the Angles of it; the latter in drikt Lines, forming an Angle at the Feft, without making any Salitre. FLANKING, in the general, is the Act of differency and firing upon the Side of a Place, Body, Batalion, &c. To Sank a Place, is to diffpois a Batilion, or other Work in fact manner, as that there shall be no Part of the Place,

but what may be defended, i. c. may be play'd on, both in

Frost, and Rear.

To flank a Wall with Towers. This Bassion is flank'd by the opposite Flank, and a Half-Moon. This Horn-Work is fank's by the Courtin.

Any Fortification that has no Defence but just right for-

Any Forthcarton that has no Defence but juil right for-wards, is faulty: And to render it compleat, one Part ought to be made to flank the other. Hence the Coortin is al-ways the firengest Part of any Place, because 'tis flank'd at each End. See DEFSACE.

earn g.md. See DEFENCE.

Baralison sails are faid to be fank's by the Wings of the
Cavalry: And a Houle is fornetimes faid to be flank's with
two Pavillions, or two Galleries; meaning it has a Gallery,
Etc. on each Side.

FLANKING Line of Defence, fee RASANY LINE of De-

AAA

FLASK, FLASQUE, a Bearing, more properly called Flank, or Hangue. See FLASK.
FLATS, in Mufick, a kind of additional Notes, contriv'd, together with Sharps, to remedy the Defects of Mufical Infiraments. See Smars.

The Natural Scale of Mutick being limited to fix'd Sounds, and adjusted to an influ-ment; the infirument will be found defective in feveral ment; the smrrament will be found defocutive in leveral polimic Ala particularly, in that we can only proceed from any Note, by one particular Order of Degrees; that for this Reason we cannot find any Interval required from any Note or Letter upwards and downwards; and that a Song may be for contrived, as that if it be begun by any particular Note, or Letter, all the Intervals, or other Notes, finall be updated for the Reason of the Contribution of the Contribut were the Song begun with any other Note, we could not pro-

cced. See Scale To remove, or supply this Defect, the Musicians have To remove, or lurply this Debet, the Musician have Recomfe to a Scale proceeding by twelve Degrees, that is, thirteen Notes, including the Extremes, to an Ochave, which makes the Informents to perfect, that there is but little to complain of. This, therefore, is the prefeat Syltem or Scale for Informects, this bestwint the Extremes of every Tone of the Natural Scale is put a Note, which divides it into two

below the D natural. And it is indifferent in the maio, whether the indirect Note be accounted as Flar, or Sharp. This Semitonic Series or Scale is very exactly repreferred by the Keys of a Spiner: The forement Range of Keys be-ing the natural Notes; and the Keys behind, the artificial Notes, or the Flats and Sharps. See SPINET.

FLATULENT, formeting, that has a relation to Fla1937's or Winds. See FLATUS.

Peefe, and most kinds of Pulse, Onions, &c. are flatulent

FLATUS, or FLATULENCY, a Wind gather'd in the Bowels, or other Cavity of the Body, by Indigettion, or a großa internal Peripiration. It is discussed by warm Aro-maticks, which rarefy it enough to break away wherever Vent can be found.

THE STATE OF FATTERIES, SEC CONNUC.

HATTER, or FATTERIES, SEC CONNUC.

HATTER, SEC CONNUC.

and the Seed lown in a warm Season, about the Middle of March, or Beginning of April. The beff Seed is that brought from the East; which, though dear, repays the Charges with Abandance. One Sowing will produce two or three Crops, before it need be renewed.

Has pulled up in the Bloom, proves whiter and flronger, than if left flanding till the Seed is ripe; but then the

than it let its consistency of the for Spin-seed is lot.

The Preparations Flar muft undergo, to fit it for Spin-ning, are Pulling, Drying, and Swingling. See Hear-The Seed of Flar has leveral confiderable Properties. It contest the Composition of leveral Medicines, and yields

of electes the Composition of vectoral deficiency, and victors and Oil, by Expertition, which has most of the Properties of Nat-Oil; and which is frequently uticle, in defect thereof in Painting, to burn in Lumps, &c. That drawn cold, is repured good in divers Diffcales. See Oir.
FIE.S., in Natural Hillory. The Generation of this familiar than the Composition of the familiar control of the Composition of the Vermin affords fomething very curious, first discover'd by

Diacineto Coftone. Sig.

Sig. Distance (1) force.

Heat bring forth Eggs, or Nin, which they deposit on Animals that afford them a proper Food: These Eggs being very round and fincoth, utually fill principle down; unless detained by the Piles, or other Inequalities of the Cleants, Häin, 56:

Of these Eggs are hatch'd white Worms, of a shining Pearl Colour, which feed on the Carrly Subtlance of the

Or incre eggs are nated a waite Worms, of a flining Pearl Colour, which feed on the fourfy Subflance of the Cuticle, the downy Matter gather'd in the Piles of Cloaths, or other the like Exerement.

or orner the like Exercises.

In a fortnight they come to a tolerable Size, and are very lively and active; and if at any time diffurhed, faddenly roll themselves into a kind of Ball.

roll themselves mon a kind of Ball.

Soon after they come to creep, after the manner of the
Silkworms, that have no Legs, with a very lowif Motoka.

When arrived at their Sizes, they hide themselves as much
as puffiles, and fpin a fillen Thread out of their Mouth,
wherewith they form themselves a finall round Bag, or
Cafe, white within, as Paper, but without siways dirty, and
fould with Dall.

Here, after a fortnight's Sleep, he burits out, transform'd into a perfect Flea; leaving its Exuvia in the Bag. While into a perfect Put's; ieving its a Extrain in the lag. While it remains in the lag, it is milk white; 2fil the fecond Day before its Eraption, when it becomes colour'd, grows hard, and gets Strength; io that upon its first Delivery it firings nimbly away. Philophy. 17 causes. No 24.
FIEA-BITTEN Colour of a Horic is white spotted all

rich dark reddifh Spo FLEAM, is a Surgeon's infframent to lance the Gums; or a Farrier's Tool to let a Horfe blood. See LANCET.

or a Farrier' Tool to ble at Herfe blood. See Lancert.
HEBUTE, or PICLETT-STEP, ID or and senior Lave, a
Bilcharge or Freedom from Americaments, where one, baving became culsar the Figurier's, comes as the Freedor of to ELGed
Book and the Figurier's, and the Freedor of the ELGed
Others ruther take it to denote a Midd, or Line, for upon
Seguire to be Ferdered on the King's Hole, or Line, for upon
Seguire to be Ferdered on the King's Hole, or Line,
HELECE, the covering of Wool them of the Bodies of
Sheep. See Wooz.
The Grider Hauser is famous among the antient Wrisers. "You did to that the Argonous under the Commands."

FLEET, by the Spaniards call'd Plans, or Fans, and the Pencel, Pietre, a Number of Verlick, going in Company, whether on a Delign of War, or Commune, Pietre, for their matter of War, beinde this Secarity, they likewife procure Cenvoys of Men of War, beinde this Secarity, they likewife procure Cenvoys of Men of War, beinde to the Secarity, they likewife procure Cenvoys of Men of War, their telector them to the Tieses which rethy are bound or only a part of the way, to a certain Point or Lattende, or the Community of the Communit

Ge. See Convoy.

The Spanish Fleet, fent against England, by Philip II. consisted of 1000 Versels. In the East there have been Fleets

Metchant Fleers generally take their Denomination from the Place they are bound to; as the Turky-Fleet, East India Flort, &c.

en of 3000 Veffels.

The Spaniards call fimply the Fleet, or Flora a certain Number of Veffels, belonging partly to the King, and part-ly to the Merchants, sent every Year to Vera Cruss, a Port of The Flota confills of the Captain, Admiral, and Patach,

The 16th confills of the Captain, Admiral, and 1900000, or Timnace, which go on the King's account; and about fuxeen Shrip, from four hundred to a thouland Tuns, belonging to particular Perlons. They are all fin heavy laden beth going and coming, that they have much a-do to defend themlefves when stack!d. The Flort parts at from Cathe about the Month of Angulf, and makes it eighteen extract about the Month of Angulf, and makes it eighteen extract Monthly, before its revurn. See Flora's. about the month of rangings and Months, before its return. See Frown.

The Fleet fent annually from the lame Port to Peru, they call the Gallions. See Gallion. See Gallion, they go in Com-

call the Gallions. See Gallion.

When the two Fiests put out together, they go in Company as far as the Antilles, where they leparate; the Gallions for Carbaggens, and Perto Bello, and the Flats for Vera Crus: At their Return they join in the Hausan. Of the two Fleets the Gallions are the most richly laden; or but the Cargo of the Flora is very considerable. See

FLEET is also a famous Prison in London, thus called from the River Fleet, on the Border whereof it stands. See

To this Price Perfors are usually committed for Con-tempt of the King and his Laws; or upon absolute Com-mand of the King, or some of his Courts, particularly that of Chincery, and siftly, for Dobet. FLEGM, ELEGANTER, FLEGMACOUR, S.C. SC.

FILE G.M., FRENKATCK, FRENKACOUNK, US. OF PRINCES, ITHIN COMMANTE, G.C. PRINCES, THE COLOMBY TO, G. P. FRENKATCH, C. THE FRENKATCH TORQUE I WHAT WE CALL JOWN DUTCH, OR dillinguish in from the German, which is called imply Dismost, and dillinguish in from the German, which is called imply Dismost, and Company of the Comp

Countries. It differs from French. See Walloon.

Fronth. See WALLOON.
There are fewers Homily Translations of the Bible. In the Year 14%, it was decreed by the Syned of Dirt, that a now Fingilly Verland from the English of the whole Stripware, one Fingilly Verland from the mode to the whole Stripware, of Larler, was fall of Faults. Accordingly, feveral Perfons, learned in the Great and lafeter to Language, undertook the Work; which was published with Notes in 1637. This Bible is highly valued by the Referred in 1648mil, See, though M. Sinnie centificate in as far from the Performance of a put Translation. See Pietras. However, and the Referred in 164 Bible, See the Strip Strips S

Translation. See Bixen.

Parasital Prick, a most, frong lind of Brick, of yelParasital Prick, a most, frong lind of Brick, of yelpaving. See Bixengh from Finders, and much sled for
paving. See Bixengh from Finders, and much sled for
maintain Body, fish, stack, and body body they believe
the believe of the Britan See Boyer.

The Andman made free difficulty as the Subdence of
the Boyer, and the Britan See Boyer.

The Kond, Parasitymans, as that of the Lungs, Boyer and
exercises, the Eprick of the Someth and intelliging. See Boyer

The Kond, Parasitymans, as that of the Lungs, Boyer and
exercise, the Eprick of the Someth and intelliging. See Boyer Spleen. See Panaxenrana, Srazan, ge. The chird, Viewer, as the Fig. of the Summadra and intentions. See Inserture, as the Fig. of the Summadra and intentions. See Inserture, as the Fig. of the Commandra and the Fig. See Construction of the Commandra and the Fig. See Construction of the Commandra and the Fig. See Construction of the Commandra and the Co

Sometimes, however, they apply that Term to the Glands; which they call, by way of Dittinction, Glandulous Fiesh. See GLAND.

As to the Parenchymas, they are now found to be quite other Things than the Antients imagin'd. The Lungs are only an Affemblage of membranous Veficles, inflated with only an Aftemblage of membranous Venicles, inflated with only an Attentionage of Liver a Collection of Glands, where-in the Elle is feparated. See Livera. The Spicen, a Heap of Veficles, full of Blood; and the Kidneys, like the Liver, a Mafe of Glands, for feparating of the Urine. See Spleen, and KIDNEY.

FIRST is also used in Theology, in speaking of the My-steries of the licarnation and Euchasis; The Word was made Fless: Verbum Caro factum est. See Incarna-

The Romanifts hold, that the Bread in the Sacrament of the Supper is turn'd into the real Flesh of Jesus Christ. See Transustantiation.
The Refurection of the Fless is an Article of Faith. See

RESURRECTION.

REMUMERITON.
The Anthropophagi, or Canuibais, food upon human
Field. Sec Cannibais, and Cannivorous.
Figure 1. Sec Cannibais, and Cannivorous.
Fixus Lobur, ice Cannarion.
Fixus along the Cannarion.
Fixus a Since of any First, incloud between the Quarter Mine.
Sabilance of any First, incloud between the Quarter Mine.
Skin, and the Stonous Orthar part of a Root, First, 56. 68 to

PER N. DELISEE, RESURTING
FIRST MERICAL SERVICE
FIRST N. DELISEE, RESURTING
FIRST N. DELISEE, RESURTING
FIRST N. DELISEE N. DELISEE

greater Degree of Delicacy of Thought, and Imaginat A flexible Voice faccoeds in Music. A flexible A Body

A Body is not capable of being thus inflected, or bear, unlefs the whole thereof be at reft. In bending a Body it conflitutes, as it were, two Levers; and the Foiri it is to be bent in, is a Fulcrum: Hence, as a moving Fower, the further it is from the Fulcrum, has the greater Force; the longer the flexible Body is, the cafter it is bent.

FLEXION, in Anatomy, &c. is applied to the Motion of an Arm, or other Member, when bent. The Arm has a Motion of Flexion, and another of Ex-

The Motion of Flexion is, when the Radius and Humo-rus approach each other, and from an Angle, at the Elbow. See Flexon.

FLEXION, OF FLEXURE of Curves, fee Point of contrary FLEXOR, in Anatomy, a Name given to feveral Muf-eles, in respect of their Action, one the Bending of the

Members, or Joints; in opposition to the Extensors, which open or firetch them. See Musell.

open of fretch them. See Muscle.
Figure 2. See Muscle.
Figure 2. See Muscle.
Figure 2. See Muscle.
Refins motion auticus. See Riceves maior, See.
Figure 2. See Muscle.
Figure 2. See Muscle.
Refins motion auticus.
See Riceves maior, See Riceves maior, See
Figure 2. See Muscle.
Refins tendinous from the inner Protuberance of the Hamerus, and upper Part of the Ulma, spow which is runs
along, till pating under the Ligamentum annulare, it is
interned by a floor throng Tendon into the foarth Bone of

interted by a floor throng Tendon into the foarth Bose of the firft Row of the Carpus. Flexon Carpi Radialit, called alia Radicess Internst, rifes from the fame Part with the former, and running along the Radius, is inferred into the upper Part of the Bose of the Mescaepps, which is joind with the Fore-finger. Both the Mulicies bend the Wrift—

Both thefe Muttels bend the Writt.—
Firxon Politici Imggyr, a Mafele of the Toe, derived from the Back-part of the Fibula, with a double Order of Fibres, and runs tendious under the inner Andle, and thro' the Channel in the inner Part of the Bone of the Hoel, to its Infertion at the Extremity of the great Toe, on the under Side.

FLEXOR Pollicis brevis, arises from the Middle of the Canciform Bone. It is short, thick, and stelly, seemingly two, and running over the Termination of the Perongus, has a double Infertion into the Offa Sefamoidea.

Filenon from Internedii Digitorum Pedis, see Lum-tricales pedis. Flexon secundi Internedii Digitorum Manus, see Per-FOR ATUS MISSES

PLEXOR tertii Internodii Digitarum Pedis. See PERFO-ZANS Pedis. FLEXOR tertii Internodii Digitorum Manus, fee Per-

FLEXORES primi Intermedii Digitorum Manus, are Mus-cles of the Fingers, called also Lumbricales Manus. See LUMBRICALES

FLEXORES secundi Internedii Digitorum Pedis, see Per-BORATUS Pedis. FLEXORES Pollicis Manus, are two Mukles, ferving to bend the Thumb. The first, called Flexor tertii Intermedii, S.c. atties from the internal Protuberance of the Humerus, and part of the Radius, by different Orders of Fibers, and passing under the Ligamentum Annulare, is inserted into the third Bone of Thumb.

The fecond, called Flexor fecundi Internedii, &c. arifes from the Bones of the Carpus, and Annular Ligament; and is inferted into the fecond Bone of the Thumb.

FLIE, that Part of the Mariners Compais, on which the fairty two Winds are drawn, and to which the Needle is faiten'd underneath. See Compass.

FLIGHT, the Act of a Bird in fying; or the Manner, Duration, Sc. thereof. See FLYING. The Feathers of Birds are admirably contriv'd and fitted

The Feathers of Birds are administly contrived and fitted for the Edic and Governhency of Figure. See Fa-Marian.

Almost every kind of Bird has in particular Night: The

Almost every kind of Bird has in particular Night: The

Almost every kind of Bird has in particular Night: The

Almost and Values, are nobled eight of the Digarrow.

Hand, and Values, are nobled eight as a terra: The Fight of

the Farnfage and Freedfagt, is but of floort Continuances of

the Partingles and Freedfagt, is but of floort Continuances.

The Continuance of the Continuances of the Partingles and President, is but of floort Continuances. Waves, &c.

The Augure pretended to forestell future Events from the Fight of Sirds. Sec Avoury.
Fight of Fire H. In melting the Lead Oar in the Works in

Fig. 2 m. In melting the Lead Our in the Works in Menday, there is a furthern elies away in the Smood, which they call the Fight. They find it Sweetift upon their Lipa, if their Faces hap-gen so be in the way of the Smood, which they avoid all they can—This, failing on the Crafts, kills Cattle that field there; and being guther'd and curried home, kills Rats and Mice in their Houles: 'That which fails on the Smod, they gather and melt upon a Flagg-hearth, into Shots and Sheet-

FLIGHT of a Stair-Cafe, fee STAIR-Cafe,

Figure of a start-type, see State-type.

Figure is Heraldy, loc Volt.

Capout Figure in Some Capous, is a Compais of

Ground, fach as a Capou might By over, due to the eldelt

born of Several Benthers, in making Fartition of the Fa

ERCs with them, when there is no principal Manor

ther's ERCs with them, when there is no principal Manor in a Lordship. It it usually estimated by a Bow-shot. --FLINT, a small, hard, sivid or black Pebble. See

FLINT, a fmall, STONE, and PRESLE.

Sewsi, and Firman.

Filiat are one of the principal lagredients in the making of Glafs. See Glass.

First and Stevi, for Thisman.

First and Stevi, for Thisman Stevi, for two Picces of green Wood, which they not briodenth significant cash other. In the East, they wie the Wood Candons and in Peru,

Reyers. See First.

First Willin few Mallar.

First Willin few Mallar.

First Willin few Mallar.

Brandy and Sugar, mix'd.

Brandy and Sagar, mix d.

FLOAT, or FLENT, Ec FLOTA, and FLOTILLA.

FLOAT of a Fifting Line, a Cork, or Quill, (wimming on the Water, to observe what becomes of the Hook, whether any thing bite, &c. See Figure 150ar.

FLOATS, a certain Quantity of Picces of Timber joined together with Rafters a thwart, thrown into a River, to be convey'd down the Stream; and even to convey Burdens down a River with the Stream. The Invention of Floats is of great use: "Tis faid to have been first put in Execution at Paris, in the Year 1618. FLOATING Vellels, ice BOAT.

FLOATING, in Husbandry, is the drowning or watering of Meadows. FLOOD, a Deluge, or Inundation of Waters. See DE-

Plate forms to have had some Notion of the Great Flood, and the Intention thereof. From J. all in One the Yolki Wasternament and the Intention thereof. From J. all in One the Yolki Wasternament and Allerthus, &c. When the Gods purge the Earth with a

asoladon, &c. When the Gods parge the natural relation of the Tides.

Fixon is allo said in fixed ing of the Tides.

When the Ware is at lowed, it is called Flood; when rings, Young, or Old Flood; when at highest, and beginning. The Tides of the Tides, and the Tides, Tides of the Tides, for Assension, FLOOK, or Florant of an Arbor, for Assension, FLOOK, in Building, the Underfide of a Room, or that

Part we walk on Floors are of divers forts; fome of Earth, fome of Brick, hers of Stone, &c.

others of Stone, EST. when the Heavy observable as well the Carpotents, by the Word Florr, underlined as well the Englands of the Heavy observables, and the Bandling over it.

Est Flore Florr, are commonly made of Lome, and Gemetimes, offscially to make Make on, Claime, and Broad, and Gam Daft, or Anvil Daft from the Forge.

On-blood, and fine Clay, temped 2 together, Sir High Plast fays, makes the finel Florr in the Word.

For Errick and Sime Florr, for Parking.

For

For

For boarded Floors, it is observable, that the Carpenters never floor their Rooms with Boards, till the Carcels is fet up, and also inclosed with Walls, left the Weather should

up, and alle incloval with Walls, left the Weather finald wenge the Floring's yet they generally rough-plain chiral Boards for the Floring's before they begin any thing elfe about the Buildings, that they may fee them by to dry become the properties of the properties of the properties known and the properties of the properties of a skip, thirties when the known of a skip, thirties yaken, is only fo much of her Bottom, as the relies on, when a ground, then the following as have long, and withal board Florin, by on the Ground with most Security, and are not age to eleft, or the one Skety whereas others, which are narrow in the Flory, or in whiteher Dateser of being overshown. without Danger of being overthrown:

FLORALES Linds, or Floral Games, in Antiquity, work Games held in Honbur of Flora, the Goddes of Flowers.

ce FLORALIA.

They were celebrated with horrible Debaucheries. They were celebrated with horrible Debaucheries. The most licenties were not enough; but the Courtifans were called together by the Sound of a Trumper, made their Appearance naked, and entertaind the People with abominable Shews and Pollures: The Cornedians apwith abominable Shews and Pollures: The Comedians ap-peard after the fame manner on the Stage. Val. Maximizs relates, that Cato being occe prefent in the Theater on this occasion, the People were affirmed to ask for the infamous Pleasure, in his Preferce; till Cato, appried of the Rofer-voduefs and Refped he infpird them withal, withdrew, that the People might not be bailed of their accultomed Diver-tion.

There were divers other forts of Shews exhibited on this occasion; and if we may believe Suesonius, in Galba, C. 6- and Vopifeus in Carinus, these Princes prefented Elephants

dancing on Ropes.

The Ludi Florales, according to Pliny, L. XVIII. C. 29.
were inflituted by order of an Oracle of the Sibyls, on the agh of April; not in the Year of Romar DXVI. as we com-couly read it in the antient Editions of that Author; nor in cooly read it in the antient Editions of that Author; nor in D_NNIv. as Fr. Hardsonn has corrected it; but as Voffus reads it, in \$13. They were chiefly held in the Night time, in the Parrican Street: Some will have it there was a Cr-cus for the purpose on the Hill call'd Hornstorum.

Some will have the Goddon Flora to be the fame with the Chloris of the Greeks.

Some will have the Godded Flara to be the fine with Orders bold, that the fine Flara was finous Courtile or Orders bold, that the fine Flara was finous Courtile at Renes, who having entitled her fift by Proliterious, made the fine flara was supported by the second of the first her firs and No

FLORAL Games. There are a kind of Floral Games ob-fery'd at this day in France. They were first instituted in

The Defign and Effablishment is owing to feven Per-fons of Condition, Lovers of Poetry, who about All-Saints Day, in 1325, fent a Circular Letter to all the Provincial Poess, called Troubadours, to meet at Theloufe on May-day following, there to rehearfe their Poems; promiting a Vio-let of Gold to the Person whose Piece should be judg'd the

The Capitouis found the Design so good, that it was af-terwards resolved as a Council of the City, to continue it at the City Charge; which is still done, in a manner that does

Honour to the Places

Horour to the Place: In 1355 a Chancellor, and Secretary of the New Academy were choic; and the feven inflitutors took the Quality of Maintainers thereof. Two other Prizes were always added to the Violet, viz. an Eglantic for the fecond Prizes were also determed that the Maintainers thereof. wards added to the Violet, etc. an Eglantin for the tecone Prize; and a Panfy for the third. It was alfo decreed, that the Perfon who bore away the first Prize, might demand to be made Bachelor; and that whoever bore away all three, should be created Doctor in the Gaye Science, that is, in

There is a Register of these Games kept at Theosis, which gives this Account of their Origin: The others give the thing acother turn. It was an antient Custom, they lay, for the Poets of Provence, to meet yearly at Theories, to for the Poets of Provener, to meet yearly at Trainife, to confer together, rehearle their Verles, and receive a Prize

allored to the bell Performance. This held till about the Four rays, when a Linky of Quality left the bull part of of Pitzes; the Namber of Youlin's the the link part of of Pitzes; the Namber of which the iteracids, ordering an Eglantics, a Parky, a Violet, and a Park: The three first a The Cerconopogages on Afgo-dyn with a form Mark, Murks, Qie. The Corporation attend; and Pooms are re-gione the Maglifery, Qie. and the vide the Pitzes are de-judged. The three Pitzes are the Kewarks of three dif-dudged. The three Pitzes are the Rewarks of three dif-ates and the Composition with the Pitzes are de-judged.

FLORALIA, in Antiquity, a general Name for the Featls, Games, and other Ceremonies, held in honour of the Goddels Flora. The Floralia were also called Anthiftefer: They were held

at the latter end of the Month of April, as Ovid witnesses, Exit, & in Majas festum Florale Calendas.

In effect, the Floralia began on the 28th of April, and

lafted fix Days They who affifted at the Ceremony, were crown'd with Ivy, and committed a world of undecent things; which in-

Some apply the Word Floralia indifferently to the Featts.

Some apply the Goddes; but others restrain it to the Forfits alone; calling the Games Ludi Florales. See FLOR A-

LES Ludi

FLORID Style, is that enrich'd and heighten'd with Figures and Flowers of Rhetorick. Longinus uses the Terms for id and affected Style indifferently, and lays them down as forth and affected byte indifferently, and has them down as quite contrary to the true fluidines. See Struit, and Suntant, FLORILEGIUM, FLORILEGIUM, FRORILEGIUM, Samme the Latint have given, to what the Greeke call absolutions, Anthology, wie a Collection of choice Fleces, containing the finest and most flored Things in their kind. See ANTHOLOGY.

The Term is particularly used in the Eastern Church, for

a kind of Brevisry, compiled by Areadiss, for the Conve-niency of the Greek Pricits and Monks, who cannot carry with them in their Travels and Pilgrimages all the Volumes

wherein their Office is dispers'd. wherein their Ottice is dispersed.

The Forsitgerian constant the General Rubricks, Pfalter,
Camtilets, the Horologium, Office of the Ferize, etc.

FLORIN, is fomertimes used for a Coin, or real Money;
and fomerimes for an imaginary Money, or Money of Account.

See Corn, and Monny. As a Coin, Florin is of divers Values, according to the

divers Metals, and divers Countries where it is flruck. Florins were antiently very frequent in Commerce; at prefent they are less common, though there were abundance of them struck in Holland, of English Silver, during the War

which was terminated by the Treaty of Ryferick.

In all appearance they took their Name from the Place where they were first struck, viz. the City of Florence. Their Æra is about the Year 1251, though others afcribe the Name to a Flower-de-Lis, which was firuck on one Side.

The Gold Florius are most of them of a very coarse Alloy; fonce of them not exceeding thirteen or fourteen Ca-racts, and none feventeen and a half. They weigh about two

Penny-weights, and thirteen Grains.

Villani observes, that there were Gold Florins in the Year 1067; from which time the Names Frank, or Florin became applied to the Gold Coins, which till that time had been d Solidi, Shillings. As to Silver Florins, those of Holland are worth about 25

French Sois, or 15. 104 d. Sterling. Those of Genea, &c., are worth about 8 d. 2 Sterling.

Pieces of three Floring are called Ducatoons. See Du-

CATOONS As a Money of Account, the Florin is us'd by the Italian, Dutch, and German Merchants and Bankers, in keeping their

Dieter, and German Merchans and Bankton, in Keeping their Books, and making our their Accounts. But this Fibers in Books, and making our their Accounts. But this Fibers in it is on the foot of the Burble Coin of that Name, consisting at Daviets of Godfe, and divided into the Passards and Parint. At Frangfort, Nameuberry, &c. it is equivalent to three Milliego Serie. And is divided into Cormator; and Planings. At Lings I is equivalent to 2.5; 4.6. At Strassborg's to 1.2. 8 fts. in Equivalent to 2.5; 4.6. At Strassborg's to 1.2. 8 fts. in Equivalent to 2.5; 2.6. At Lings in the Common to 2.6; 2.6. and at 1.2. 8 fts. in Equivalent to 2.5; 2.6. At Lings in the Common to 2.6. 2.6. and at 1.2. 8 fts. in Equivalent to 2.5. 2.6. At Lings in the Common to 2.6. 2.6. and at 1.2. 8 fts. in Equivalent to 2.6. 2.6. At 1.2. 8 fts.

Geneva to 6 d. ..

and Accounts, applied to feveral Coins, as Rials and Angels, &c. where you are to understand by Denatius the whole, by Obolis the half, and by Quadrant the fourth Part, or Eriching, &c. Denature, &c. By Indenate of the Mint in 15 £4.5, every Pound weight of old Standard Gold, was to be ceital into fifty Farrat, to be current at fix Shillings a-pixes all which made in Tale affects Pounds; or zince a proportionable Namber of

Tale fifteen Pounds; or into a proportionance Number or half or quarter Florms: FLOKINIANS, FLORIANI, a Sect of Hereticks, of the fecond Century, denominated from its Author Florinus, or Florinuss, a Pricti of the Roman Church, depoiled along

Florisms, a Fried of the Remus Charch, depoled along with Bilding, in the Erens.

Floris had been a Diciple of St. Pelycars, along with Frenze. He made God the Author of Ently and might a factor belonging to Finisferius, the Florismson Historial and According to Finisferius, the Florismson Hoseid dealed a fature Jodgement and Redurention. Held that Javas Charatre was not been of a Virgin; and taught that the Referencion was in effect a new Generation. They are discharged with heiding criminal Affinishes in the Nigher.

They had often, Names given them. Fillingfarmings, and the Proposition of the

nmc, and giving into Judaim and raganim.
They had other Names given them: *Philaftrius fays, they were the fame with the Carpopherians. He adds, that they were allo called Soldiers, Ministee, Smit de mistaribus fuerum. St. Ironeus calls them Gnoflicks: St. Epiphamus, Ohlikonian and Crient St. St. Epiphamus, of the Carpopherians. factions. St. Brounds calls them Graditors: St. Expressions, Publishments, and Theodorary, Burbories, on account of the Impurities of their Life: Others call them Zackeans; others Coddinates, Sc. though, for whate particular Realisms, 'the not cally, nor perhaps wou'd it he worth while, to fair. FLORIST,' a Perion carlous, or learned in Elone crs; their FLORIST,' a Perion carlous, or learned in Elone crs; their

MECHANISHE BALLET AN MEMORS FOR SPAIN. Thole Sens to fetch the Commodities prepared in Peru, are called Gallions. See ELER, and GALLION.

They give the Name FLOTILLA to Number of Ships, which get before the refi in their Return, and give Information of the Departure and Cargo of the Fists and Gallions.

lions FLOTAGES, are all fuch things as are floating on the Top of the Sca, or great Rivers; a Word more especially used in the Commissions of Water-Balliffs.

FLOTSON, or FLOTEAM, a Term figuifying any Goods loft by Shipwreck, and favinening on the Top of the Wa-ter; which, with Jetfon, and Lagou, and Shares, are given to the Lord High Admiral, by his Letters Patents. See

ADMINAL. gr(m) is what is east out of the Ship, being in Danger of a Wreck, and beaten to the Shore by the Water; or cast on Shore by the Semens. See Jerson.

Lagon, or Lagan is that which lies in the Bottom of the

See LACON. Shares are Goods due to feveral Perfons, by Proportion.

SOURCE ARE LEGISLA GUE TO SEVERAL PERSONS, BY Proportion, PLOUNDER Fifting, See Flounder FISHING.
FLOWER, Fig., is that Part of a Fisht, which contains the Organs of Generation; or the Parts necessary for the Propagation of the Kind. See Plany and Generation of

The Flower is a natural Production, which precodes the Fruit, and yields the Grain or Seed. See Seen, and

The Structure of Flowers is somewhat various; though the Generality, according to Grew, have these three Parts

the Generality, scording to Green, have these three Eura in common, etc. The Empidement, the Fidizine, and the Mriter. See Exeratantics, Following, See Exeratantics, Los See Exeratantics, Los See Exeratantics, Los See Exeratantics, Los See Exeratantics, See Exercises, See Exe

and CALIE

and CALEE.

In some Powers the two Sexes are consounded, i. e. the Male and Female Farra are sound in the same Flower; is others, they are separated in Ad of these again, some are followed by Freits, and others sour Whence, Flowers become distinguished into Male, Female, and Hermaphro-

The Generality of Flowers are of the Hermaphrodite kind: Such e.gr. are the Lilly, Tulip, Daffodii, Rofemary, Sage, Thyme, Geranium, Althra, Sc. See Hermaphro The Stucture of Parts is much the fame in those where

exes are divided: The Difference between them confifts in this, that the Stumina and Apices, i. s. the male Parss, in thefe, are separated from the Pittils; being some-times on the same stand, and sometimes on different

Those, wherein the Stamina are, in regard they bear no Fruit, are called Male, or harren Flowers, and by the Bo-tanish, Stamineous Flowers: Those which contain the Piflil, being succeeded with Fruit, are called Females, or Knitting, or Fruitful Flowe

Among the Plants which bear both Male and Female Parts on the fame Stand, but at a diffance from each other, are reckon'd, the Cucumber, Melon, Gourd, Turky Wheat, Tumfol, Wallnut, Oak, Beech, Fir, Alder, Cypress, Cedar, Janiper, Mulberry, Plantan, &c.

Those, where the Mule and Female Parts of the Flowers

are bore on different Stands, are some Species of Palm, the Willow, Poplar, Hemp, Mercury, Spinage, Nettles and Hope. —See Generation of Plants.

Mr. Ray divides Flowers into Perfett, and Imperfett.

Perfett Flowers he here accounts all fuch as have the
Petala, the they want the Stamina. These he subdivides into Simple, which are those not composed of other smaller once, and which usually have but one single Style; and Compounded, which confist of many Florest, all making but

pounded, which consist or many Edouan, as measure, one Flower S. Soc Simple Flowers are citter Monoperators, which have the Body of the Flowers are citter Monoperators, which have the Body of the Flowers all of one entire Leaf, though fometimes cut, or divided a little way, into many feeming Petala,

or Leaves, as in Borrage, Buglots, &c.
Or Polyperalous, which have dillinst Petals, and those fulling off fingly, and not altogether, as the feeming Petala of the monopetalous Flowers always do.

Both those are further divided into Uniform and Difform

The former have their Right and Left-hand Parts, and the forward and backward Parts all alike; but the Difform have no fuch Regularity; as in the Flowers of Sage, Dead-

Nettle, &c. A Monopetalous difform Flower is likewise further di-

vided into zº Semi-fiftular, whole upper Part relembles a Pipe, cut off obliquely, as in the Aritholochia.

2º Labiate: And this cither with one Lip only, as in the Acanthum and Scordium; or with two Lips, as in the far greater Part of the Lablate Figures.

greator Part of the Labiate Fisseers.
And here the upper Lip is founcimes turned upwards, and for turns the convex Part downwards, as in the Chamz-ciffas, 4% the medi ufuelly the upper Lip is convex above, and turns the bollow Part down to its Fellow below, and for represents a kind of Helmet, or Monk's Hood; where their are firequently called Galleare, Caculiate, and Galericulate Flowers. Such are the Flowers of the Lamium, and most verticil-

lose Plants Sometimes also the Labium is entire, and sometimes

jegged or divided.

jegged of civinoca.

3° Corniculate, that is, such hollow Floriers, as have on their upper Part a kind of Spur or little Horn; as in the Linaria, Delphinum, &c. And the Corniculum or Calcar is always impervious at the Tip or Point.

Compound Flowers are,

1º Difesus or Difesidal, that is, whole Flokuli are let

si Dijuni or Dijunida, that is, whofe Floduli are fet regulared of the field, and even as so make the Surfice regularity of the first property of the first property of the first property of the first property of Fernis finding round in the Difu, the the Dimon of a Thin Difu. If the first property of Fernis finding round in the Difu, the the Dimon of a Difu. The first property of the first property of the Difu. And famerican sucked, having no find redisting Leven round the Limb of its Difu, as in the Tuncerum. The first property of the Difu. It is the Difu.

3° Fiftular, which are compounded of many long, hollow, little Flowers, like Pipes, all divided into large Jags at the Ends.

Imperfelf Flowers are such as want the Petals, and are called likewise Stamineous, Apetalous, and Capillaciuss.
Those which hang penalusus by fine Threads like the Juli, are by Tournessor called Amentacious; we call them Carterill. Carretaile

Botsnifts furnish other Divisions and Denominations of Flowers.

Companiform, or Bell-like FLOWERS, are those in Shape of a Beil. See Campaniform. Craciform FLOWERS, are those confishing of four Petals, or Leaves: The Calix also containing four Leaves; and the Piftil always producing a Fruit, Such are those of the Clove

Tree, Cabbage Tree, &c.

Infandibiliform Flowers, are fuch as refemble the Figure of a Funnel, i. e. broad, and ample at top, and contracted into a Neck at bottom: Such is that of the Bear's Ear. Cueurbitaccous Frownes, are fuch as refemble the Flower of the Gourd; or have the fame Conformation therewith.

See Cucurbitaceous.

See Coccurary accuss.

Staminuser Froman, no finds a have no Petals, but could wholly offstramina's or Threads, with Apricas acopy, and the could be completed by the could be colour'd, like Petala.

Leguminous Flowers, are those of Leguminous Plants Thefe bear some Resemblance to a stying Buttersty; for which reason they are also called Papilitonaccous Florers. which realon they are allo called Popilitomaceous Foscers, Popilitomaceous Frows was, confit of four of five Leaves, whereof the uppermost is called Vexilium, or Standard; and the lowest Carrian, as refembling the Bottom or Keel of a Boat: Those between the two, are called Laterell Leaves,

or Ale.

From the Bottom of the Calix arifes a Piftil; which is incompais'd with a Sheath, or Cover, fringed with Stamina-This Pillii always becomes the Fruit, and is ufually called

This fills always occomes the Fruit, and is unany success the Fod, in Lain, Silippaa. See Legenminety:—It under the Modeliferm Frownes, are those with leveral Leaves doubled, and dipod in mamon of a Rofe; and whose Calix effectually becomes a Fruit of two Seeds, join'd, before they come to Maturity; but afterwards easily irparated

They have this Denomination, by reason they are ge-merally sustained by a Number of Threads, which proceed-ing from the fame. Centre, are branched all around, like the Sticks of an Umbrello.

Of this kind are the Flowers of Fennel, Angelica, &c. See UMBELLIFORM.

Verticillate FLOWERS, are those ranged, as it were, in Forticillate FLOWERS, are thole ranged, as it were, in Scories, Rings, or Rays along the Stems: Such are those of Horebound, Clary, 85c. FLOWERS, in Gardening, are diffinguished, into Early, or Spring-Flowers, which flourish in the Months of March, desting and May

April, and May.
Such are the Anemonies, Daffodils, Hyacinths, Tulips,

Sach are the Anemonics, Daffeddis, Hysicatha, Tulips, Jungalls, Cosfflips, Printruke, gfc.
Sammer Flowers, which open in June, July, and Angraphes, San Bowers, Sac.
And Antamand, or Late Flowers, those of Sprember and Orleber; as the Coslus Chritti, Indian Finds, and Hot Services, Sac.
Pandy, David Costale, Christi, Judician Finds, and Hot Services, Sac.
The Sammer Security, Co., which fabric all the Years, we
to the Security on a House at leafs, are called Perventials,
to the Security on Effects, the Sac.

The Sammer Security of the Sammer Se

mean in the Stem, or Root at leaft, are called *Perennials*;
And those which are to be planted, or fow'd a-fresh every
Year, according to the Season, are called *Annuals**—See GREEN-HOUSE.

JRENN-HOUSE.
FLOWER, in Architecture, according to Vitravius, is a Reprefentation of fome imaginary Flower, by way of crowning, or finithing, on the Top of a Dome, &c.
In fleu of this the Moderns commonly use a Vase, Ball,

or the like. FLOWER of the Capital, is an Ornament of Sculpture, in form of a Ruie, in the middle of the Sweep, of the Cornstian Abatus: In that of the Composite, 'tis an imaginary kind

of Flower. See CAPITAL. of Flowers. See CASITAL.
Frowers, in Chymlfry, are the fineft, and moft fabele
Pars of dry Bodies, rais'd by Fire, into the Head, and Aludels; and adhering to them, in form of a fine Pewder, or
Duft. Such are the Flowers of Sulphur, Benjamin, 8%.

Sec SUBLIMATION See SURIMATION.
Flower of Sulphur, or Brimflear, is prepared by putting the Sulphur grofty powder d into a Glaß Body, placed
is a final log-tire, with another earther Veffei of the
fame form seve, or in it, Neck to Neck. This diffoods,
the Brue fill fabline, or raile the Flowery, and gather them
the thre will fabline, or raile the Flowery, and gather them
that the paper Veffei. See Aturniz, See also Suriniz.
Brown a Whent, Rye, and other Pulie. See FaBrown a Whent, Rye, and other Pulie.

BINS. FLOWERS, in the Animal Occonomy, are Womens month-

ly Purgations, or Menics. See Manses.

Nicod derives the Word in this fenfe from fluere, q. d.

Fluors: Others will have the Name occasion'd hence, that Women do not conceive, till they have had their Flowers;

Frowers, in Rhetoric, are Figures, or Ornaments of Dis-surfe, by the Latins called Hofenti. See Frours. FLOWER-de-Lit, or, as it is volgarly wrote, de Luce, in Heraldry, is a hearing antiently of great Dignity, being re-pated the nobleft of all Fletters, and as such having been in all Ages the Charge of the Royal Ekutcheon of the Kings of France; though Traft of Time has made the bearing

of Presery though react of Anna has these the Deaning thereof more vulgar.

In forme Coats 'its bore Single; in others Triple; in others it is Semée, feeded all over the Efcurcheon, FLOWERAGE, a Collection of Flowers of feveral kinds

FLOWERAGE, a Collection of Flowers of leveral kinds for together in Hufus, and hung up with Strings— FLOWERD, in the Manufactures. A Stuff, or Cioth, is faid to be forcer'd, fourified, forig'd, or figur'd, when there are Reprefentations of Flowers, either natural, or imaginary wrought thereon.

gnary wrought increon.
There are Stuffs flower'd of almost all kinds of Matters:
Flowers of Gold, Silver, Silk, Wool, Thread, Cotton, &c.
Stuffs and Cloths are usually denominated from the Ground,

whereon the Flowers are raifed.

Thus there are flower's Velvets, Taffatics, Damafks, Sarins, Mohairs, Dimitics, &c. See Velvet, Taffatics, DAMASE, &c.

Those flower's with Gold and Silver; are more usually called Brocades. See BROCADE.

called Brender. See Bracans.

The Fowers are usually awought as the fame time with the Code, we descend. The Threads of the Ways are the Code, we descend. The Threads of the Ways are the Code, we descend the Fowers, whether Gold, Silvers, Sills, or the like Severen the Threads thas stild, respectively. Silvers are the Severen the Threads that stild, respectively. The transit of the Threads that stild, and the Code of the C

FLUIDITY, in Physicks, that State or Affection of Bo-

dies, which denominates, or renders them fluid; fee FLUID-Fluidity flands in direct Opposition to Firmness, or So-lidity. See FIRMNESS.

It is diffinguiffed from Liquidity, and Humidity, in that the Idea of the first is absolute, and the Property contain'd in the thing it self; whereas that of the latter is relative, and implies wetting, or adhering; i.e. somewhat that gives us the Sensation of Wetness, or Moisture, and which would

us the Senfation of Wetnets, or Mofflure, and which would have no Exiflence, but for our Senfex.

Thus, melted Metals, Air, Æsher, and even Smoak and Flame it left are Fluid Bodies, but not Liquid ones; their Parts being actually dry, and not leaving any Senfe of Moiture. See Liquin, and Humidity has been variously after the Nature, or Caulie of Finishity has been variously af-

The Nature, or Caule of Finishity has been variously affiguid. The Gasflendist, and antient Computualizabas, require only three Conditions as neceffary thereto, etc. a Smullest and Smoothnels of the Particles of the Body, Vacuites intersperfed between them; and a Spherical Figure. Thus the Epicurean Poet, Lucretus, Illa autem debent ex levibus aique rosundis

Ffe magis, fluido que corpore liquida constant.

The Carteflant, and after them Dr. Hook, Mr. Boyle, &c. befide the Circumstances above mentioned, require a various, perpental, intelline Moston of the Particles of the Bodies, as that which principally contributes to Fluidity. Fluidity then, according to these Philosophere, conflict in this, that the Parts of the Body being very fine, and finall, 6. disc., cl. by Mr. of the Parts of the Body being very fine, and finall,

are so disposed by Motion, or Figure, as that they can easily flide over one another's Surfaces all methor of ways; and that they be in a confiant, various, separate Agitation to and fro; and the and that they only touch one another in tome Parts

of their Surfaces.

Mr. Reyke in his Hiftery of Fluidity mentions their three as the Conditions principally required to Fluidity, viz.

1º The Munteuoff of Parts: As, in effect, we find that Fire, by dividing Metals into fine, finall Parts, renders them filled 3 and that acid Mentifurum difforce and render them

themfelves. themicitives.

3° A Motion and Agitation of the Corpulcies; either from fome Principle of Mobility within themicitives, or from fome extraceus Agent, penetrating and entering the Porcs, moving variously among them, and communicating to them

part of its Motion.

ments.
Thus, a little day Fowder of Alabatier, or Platifier of Paris fingly filted, being put in a Vedici over the Fire; it from begins to boil like Wierre, exhibiting all the Macious and Phenoment of a boiling Liquer. It will kindle variently in great Waves like that; will best Hirting with a Stick or Ladde like that, without redifficing. Not, it kindly first direct the foliotion of the Collection of the ly dash against them : Yet is it all the while a dry, parch'd Powder.

Plowder.

The like is observ'd in Sand: A Difth of which being fee on a Drumbead, britishy beaten by the Sricks; or on the apper Stone of a Mill, it in all refeels enables the Properties of a fluid to the Abeat Body, e. gr. will immediately fast in it to the Bottom, and a light one emerge to the Top: Each Grain of Sand has a centhant vibratory and dancing Motion 4 and if a Hole be made in the Side of the Diffs, the Sand will fpin out like Water.

That the Parts of Fluids are in continual Motion, the Car-

reflant bring divers Confiderations to prove; as ro The Tranf-mutation of Solids into Fluids, e. gr. Ice into Water, and muration of Solids une Flaids, e. gr. Ice into Water, and oric everfis, the chief Difference between the Body in those two States confifing in this, that the Parts being fix'd and at reft in the one, resit the Touch; whereas in the other, being already in Morien, they gave way upon the flightest

Impulse,
The Effects of Fluids, which commonly proceed from 2 In Emercis or Faults, which commonly proceed from Motion: Such are the Infiniation of Fluids among the Forse of Bodies; the loftening and differing of hard Bodies; the Addition of corredire Menitruums, &c. Add, that no Solid can be brought to a State of Fluidsty, without the Interven-tion of fome moving, or moveable Body, as Fire, Air, or

Water,
Air, the fame Gendemen hold the first Spring of these
Causes of Fluidate; it being this that gives Motion to Fire
and Water, though it felf receives its Motion and Addion
from the Æther, or subtle Medium. See Asa and Æ-

The Learned Boerhaave, in his late Excellent Institut. The Learnest Describators, in his late Excellent Inflima-leymic, pleads very firemoulty for Fire's being the first Mover, and the Caule of all Finishry in other Bodies, as Air, Water, See, without this, he finewe, that the Aumol-phere it felf would fix into one folid Mafs. See First. Six I. Nouron fore adds. Air Th. phere it felf would fix into one folid Mais. See First.

Sir I. Newton fets afide this Theory of the Caule of Finidity, and lubilitates a new one, the great Principle of Ar-

The Corpulcular System, with all the Improvements of Des Cartes, and Mr. Beyle, did not fufficiently account for the primary Condition, requisite to constitute a Body sluid, viz. the various intestine Motion and Agination of its Par-

theres. But, this Motion is naturally enough accounted for, by supposing it a primary Law of Nature, that, as all the Particles of Matter attract each other, when within a ceruin Diffunce 3 for all greater Diffunce, they fly from, and avoid one another.

one another. For then, the 'their ommen Gravity together with the Prefure of other Bodies upon them, may keep them together in a Mafay yet their coatinate! Endeavour to avoid one ananother fingly, and the adventitions Impulles of Heat, Light, or other external Caules, I may make the Particles of Fusting. continually move round about one another, and to produce this Oualiry.

There is a Difficulty indeed, in accounting, why the Par-ricles of Fluids always keep as fuch a Diffance from one an-other, as not to come within the Sphere of one another's Attraction.

The Fabrick and Constitution of that fluid Body, Water,

The Fabrick and Conditions of that fluid Body, water, is amazing; that a Body to very rare, and which has a will Over-proportion of Porcs, or interfeered Vacuirs, to fold Matter, fluod yet be perfectly incomprefible by the general Force: And yet this Fluid is cally reducible into that firm, transparent, friable Body, which we call for, by being only expoled to a certain Degree of Cold. See Con. and Berrying. One would think, that the' the Particles of Water cannot

come near enough to attract each other, yet the interven-ing frigorifick Matter doth, by being mingled per minuma, frongly armost them, and is it feltilikewise frongly attracted strongly attract them, and is it feet inceiving trending attracted by them, and to wedge or fixes all the Mals into a firm belief Body's which fold Body lofes its Solidity again, when by Heat the Vinculum is blowed, and the fingerifich Patricles are disjoined from these of the Water, and are forced to fly out of its. And just thus may the Fannes of Lead performs the strength of the Water, and are forced to

hay the dr. and the season of the season of the season for Quickfilver. See Fixarios.

When a firm folid Body, fuch as a Metal, is by Heat reduced into a Fluid, the Particles of Fire disjoinand feparate its conflituent Parts, which their mutual Attraction caused before

other, as that they are out of the Sphere of each other's other, as that they are out or the Sphere or came other, Attraction, as long as that violent Motion laft's, and when by their Lightness and Activity they are flown off, unled's are renewed by a continual Supply, the component Par-ricles of the Metal come near enough again to belione another's Attractions.

As therefore the Caule of Cohefion of the Parts of folia

enter s Alimetonia.

Carle of Cahefon of the Para of light Belliota spaces to be their mutual Artustion in the civile Cale of Panishry Cenns to be a contrary Moston, impressed manufactures of the civile Cale of Panishry Cenns to be a contrary Moston, impressed manufactures at foot as they come at each as length as the contract as the c

easily moved among each other.

cally moved among each other.

The Casife, therefore, of Fluidity, should feem to confilt in this, that the Parts do not cohere to flrougly, as they do in folid or firm Bodies; and that their Motion is not hinder'd by any locquality in the Surface of the Parts; as is the Caso

In Powdets.
For, that the Particles whereof Plaids confish, are of the fame nature, and have the fame Properties with the Particles of Solids, is evident, from the Convertion of Liquids and Solids into each other, e. gr. of Water into Ice 3 of Metals into Fluers, U.S.. Nor can it be reasonably doubted, that the component Parts of all Bodies are the issue, viz. hard, folid, impenettable, moveable Corpufeles. See Bon's

said their highest define a Finish to be a Body which Person The Correlation theories the State of the American in continual hardine Medican and In-Riddeline and Definitions in their play arguments to prove that the Parcel Finish are in command Medican and every which the Med-tion of the Correlation of the Correlation of the Medican The here Nementian date one of the First To for the the the Parcel of a Finish are in continual Marinary contract, and the play of the Correlation of the Correlati

we stort tearware, with Dir. Cators, 'Linear time rights of man accountry and our of ficial is Magnitude, as that they may be copily aginted by Heart. And the Heat he further they great to agint to their stort them to the many perhaps be for the property of the property as can neither be entangled, as Air , nor ftiffen'd by Cold, as Quickfilver; then they never grow hard and fix'd. See

Parties.

Evend ar either Natural, as Water, and Mercury; or Animal, at Slood, Molik, Sule, Lymph, Urme, Sec. or Facilitions, as Hungs, Spirits, Oils, Sec. Sec each under its proper Article, Water, Maccury, Bloom, Miler, Bler, Wilse, Stratt, Oils, Sec.

The Delbrin and Laws of Finish are of the greatest Ex-

tent in Philosophy.

The Preffure, and Gravitation of Bodies in Fluids, and the Action of the Fluids immerfed in them, makes the Subject Hydroftaticks. See HYDROSTATICES.

(59)

I. Of the Preffure and Equilibrium of FLUIDS.

1º The upper Parts of all Fluids, as Water, &c. do prefit upon the lower: Or, as some Philosophers state it, All Flu-

upon the lower: Or, as some Philotophers Hate it, All Phi-lois of gravitate in proprio loco.

The Contrary of this was a Principle in the School-Philo-ophy; but the Certainy of fuch Preffure is row demon-fraced by a thousand Experiments: It will be fufficient to

only is the Certainty or near receive in one one-mination one or well beginners. It will be failed out in minime one or well beginners in will be failed and intime one or well beginners. In the failed filled failed by the failed by the failed by the failed by the many of the failed by the failed by the failed by the failed beauty flowers and the failed by the failed by the failed beauty flowers and the failed by the failed by the failed beauty flowers and failed by the failed by the failed beauty flowers and failed by the failed by the failed beauty flowers and failed by the and in the other cole, more. On the failed by the

the external Air.

Which two Experiments abundantly prove the Proposition, that the upper Pairs of Pinists prels, or gravitate on the lower. See Parssors, and Gravity Artisto.

Corol. From this Gravity it follows, that the Sartaces of flagmant Pinuis are plain, and parallel to the Horizon; or rather that they are Segments of a Sphere concentrical

with the Earth

with the Earth.
For, as the Particles are supposed to yield to any Force
impressed, they will be moved by the Action of Gravity, till
such time as none of them can descend any lower. And
this Situation once attained, the Fluid must remain at reft,
unders put in Motion by some foreign Caule; inasment as
some of the Particles can now move without ascendings.

constray to their natural Tendency.

2° If a Body be immersed in a Fluid, either wholly, or in part, its lower Surface will be profile upward by the Water nuderneath it.

Where understands it.

The Trush of the Proposition is evident from the Experiment above mentional a where the Oil of Turneunice
was infegrated, any and made to memore up in the Take by
the Commerce of th

Bodies specifically lighter than Finist ascend therein. The Effect is owing to this, that there is a greater Prefiltre or Weight on every other Part of the Plane or Surface of the Finist imagined to pass under the lower Surface of the Final imagined to pais under the lower Surface of the Body, than there is on that whereon the emerging Body in-fifts. Confequently, to produce an Equilibrium in the Final A. the Parts immediately under the rifing Body being prefed by the refit every way, do continually force it up-

In effect, the emerging Body is continually prefed on by as actes, the energing Body at continually periled on by more Columns of Water, one bearing against its uppersy and the other against its lower favor. The length of both which the state of the continual to the continual to the continual to the continual to the state, the state which periled on on the lower Tart, will be the larger, by the Thickness of the afterding Body, and configurately orreducted to the Weight of a much Water as will his this Space that Body takes up. Soc Securic Creatily. Confident of the Weight of a much Water as will his the Space that Body takes up. Soc Securic Creatily. Confident the state of the Confident that the Confident t

the Liquor they are mingoled with, will be falfatiled therein a good within, without either energing to the Top, or pre-gregation of the Liquor the Company of the Company of the Company of the Platis being here incomforcable.

Columns of the Platis being here incomforcable the Company of the Platis being the Top of the Company of the State of the Company of the Company of the State of the Company of the State of the Company of the Compa

3° The Profure of the upper Parts of a Pluid, on the lower, exerts it felf every way, and every way equally; laterally, horizontally, and obliquely as well as perpendicu-

For, as the Parts of a Fluid yield to any Impression, and are eafily moved, 'tis impuffible any Drop shou'd remain in its Place: If while it is pres'd by the super-incutabent Fluid, it be not equally press'd on every fide.

The same is confirmed from Experiments: For several

The same is continue from Experiments: For leveral Tubes of divers Forms, finalely, curved, angular, &c. being immerfed in the fame. Fluid; the' the Apertures, thre' which the Fluid enters, be differently pointed to the Surface or Plane, fome being perpandicular, others parallel, and others variously inclined; yet will the Fluid rife to an equal Uniches; in all Height in all

Freight in all.

Cord. 1. Hente, all the Particles of Fuids being thus
equally prefs'd on all Sides, 'tis argued that they must be
at reft, and not in continual Motion, as has been usually at reit, ar fuppos'd.-

Corol. 2. Hence also a Body being immersed in a Flaid, fustains a lateral Pressure from the Flaid; which is also in-creased as the Body is placed deeper beneath the Surface of the Fluid-

created as the Body is placed deeper besierals the Surface

4. In Highes the base a Communication with one with rewestern their Menginate he, whether again, or uniquely
entered their Menginate he, whether again, or uniquely
entered to the American Surface and the Control

5. If a Fland ripe to be pinne diffusion to we Take in the
Surface, or well and the street of the Markov Area

6. If the Tubes he of equal Diameters, the Columns of
the Tube have been alled and Aliquedy, are equally
entered to the Column and the Column and the Column and the Surface and practice against each other with equal Foureach gravitate against each other with equal Four
6. If the World where the Four
6. If the Tube I with the Four
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6. Discognization, the Almoneous of the Flate I in the Tube

6. If the Markov is the State I was the Column each of the Tube

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6. One of the Column each of the Tube

6. One of the Column each of the Tube

7. One of the Column each of the Tube

8. One of the Column each of the Colu

Consequently, the Mameauum of the Fluid in the Tube G I, is to that in the Tube H K, as the Product of the Bafe of the Tube G I into the Bafe of the other H K; to the Factum of the Tube H K into the Bafe of the other H. G I. Wherefore, the Products being equal; the Momenta must be equal.

The fame is easily demonstrated where one of the Tubes

The fine's easily demonstrated where one or the Tubes is inclined, and the other perpendicular, cite., the Third Core. Hence in Tubes that communicate, the Third Core. Hence in Tubes that communicate, the Third Core is the Tubes of the Communicating Tubes, Tubes of θ , if the Core is the Core is the Core is the Core in the Core in the Core is the Core in the Core in the Core is the Core in the Cor

It may be proper in an use ruprisones, a use B D was a search corry, to prevent the Misture.

Corel. Since the Denfitte of Finids, are as their fige. eithe Gravities, the Denfitte will likewife be as the Altitudes of the Finids D H and B C: So that we have hence likewife a Method of determining the Denfittes of Finids. See DENSITY. 7° The Restoms, and Sides of Veffels, are preft'd in the fame manner, and by the fame Laws as the Liquids, con-

sained in them.

tained in vienn. Ord; these as Action and Re-action are equal; the Ends the Cord; Hesses, fashia are equal Prefilar from the Beat-most become as the second and the second as the second as the neighbouring Paras of the Finish: And consequently this Action increase in proportion to the Height of the Finish, and as equal every way at the time Depth; as depending and is equal every way at the time Depth; as depending all the Parish. the Fluid,

8° In perpendicular Veffels of equal Bases, the Pref-fures of Fluids on the Bostoms, is in the Ratio of their

This is evident, in that the Veffeis being perpendicular, the Bottoms are ben'encotal: Confequently the Tendency of Platish by the Aftion of Gravity will be in Lines perpendicular to the Bottom; fo that they will peri swith all their Weight: The Bottoms therefore are prelid in the Ratio of the Gravities. But the Gravities are as the Blaiks; and the Bulks bere are as the Althought The Control of the Gravities. Therefore the Prefix the Bulks here are as the Althought Therefore the Prefix Bulks and the Bulks here the State State of the Bulks here the State Stat fures on the Bottoms are as the Altitudes.

9° In perpendicular Vessels of unequal Bases, the Pressure on the Bostoms is in a Ratio compounded of the Bafore on the 2000min is in a Kasio component by the 26s, and Allitudes.

From the preceding Demonstration it appears, that the Bottoms are precid in the Ratio of the Gravities: And the Gravities of Phints are as their Bulks; and their Bulks in a Ratio compounded of the Bulss and Altimodes. Confe-

quently, &c. If an inclined Veffel A B C D, Fig. 8. bave the

10° If an inclined Volfel A B C D, Fig. 8. here the four Baje and Altitude with a perpendicular one B E F G, the Battoms of each will be equally profid.
For in the inclined Votfel A B C D, the Bottom C D, is prefid in the Direction B D. But the Force of Gravity in the Direction B D, is to the absolute Gravity, as B E to

B D. See GRAVITY.

Consequently, the Bottom C D is press'd in the same manner; as if it had been press'd perpendicularly by the Finis under the Altitude B E. Therefore, the Bottoms

of the perpendicular and inclined Veffels are equally prefed.

referêd.

"It" Flinis preji upon fisiciled Bulici, according a viteri ferepedicular Jittinis, and an according a their Assistate.

Or, as others fines, then it is the English of the Copy as the present and the present and

super Surface of the Water from the Bottom.

Or, yet mere explicity, that s.; If there be raw Tubes or Veffcis, having the fame Heights, and Baffes, both filled with Waters but one of them made for thereing upwards, that if shall contain but twenty Ounces of Water, whereis the other widening upwards, badds soo Ouncess Vet, the Eostoms of the two Vetes shall fulfath an equal Frediens of Water, where we can be shall be supported by the state of the Weight per according to the state of the Weight per a zero of Water, where the shall be shall be supported by the state of the Weight per a zero of them. It was of the Weight per a zero of the shall be shall b

This is a noble Paradox in Hydroflaticks, which it is well worth the clearing and infilting on. It is found unexceptionably true from abundant Experiments: And may even be demonstrated and accumed for on Principles of Mecha-

nicks. nicks.

Suppolo e. gr. the Bottom of a Veilel, C D (Fig. 9.)

lefs than its Top, A B. Since the Fluid prefix the Bottom
C D, which we inpupole bortomal, in a perpendicular Direftion E C, none but that Part within the Cylinder E C D P
can prefs upon it; the natural Tendency and Preffure of
the reft being mken off by the Sides.

the rift being taken off by the Sides.

Again, improfing the Borono, C D f Fig. 10.) much big
respectively.

And improfit the State of the Sides of the Sides

And furgiest the Borono C D raint to Li, that the Briad

may be inserted through the Inserved D L. There will is

the Briad D in the Sides of the Sides of the Sides

of the Find F E, is no in Velecity in the Velfel A D 3 as the

Briad C D in the Briad C.

Side C D in the Briad C.

The Sides of the Sides of the Sides of the Sides of the Sides O D in the

hadie C.D. on the Bule F.C.

Hence, we have the Monecaum wherearchis the Finisi in the Tubes tends doorswords, by maintying the Bule of the Cipilate C.D. I use in Althuel C. ed. Sid of the Finisi in the Cipilate C.D. I use in Althuel C. ed. of the the Fine Force, as it would be prefet by the Cylinder H. O.D. I. To confirm and indirect the Delicator of the Perisire or Finish in the Ratio of the Bule rand Althuele, provide superiors the Conference of the Perisire of the Perisire Conference O.D. may be merchale, and to the End first est in the Cavity of the Velfel with a Rilm of wer Leather, to filled without lermy any Water yels. Then, the at Hole in the Fine, A. H. Then Perisire Management of the Perisire Conference O.D. may the Perisire Conference Delicator of the Perisire Conference Conferen Altendack, ime differein Diameter. Latily, fallening a Strage, to the Boam of a Stalence, and fixing the other End by a little King, K to the meetable Boroom, pat Weights in the whole Suick, if all they be fifticate as and the Boroom C but of the Stalence of the Stalenc

stee measurest Water.
Thus, immerge the lower End of a flender Glafs Tabe
in a Veiftel of Mercury: Then, flooping the upper End with
our Fligory, sow till by the means keep show half an lach
of that proderous Fluid, fulpended in the Tube. Lastly,
keeping the Flinger thus; immerge the Tube in a long Glafs
of Water, till the little Column of Mercury be more than
15 or 15 quites its Longth under Water. Then, removing

the Finger, you will find that the Mercury will be kept full pended in the Tube by the Preffure of the Weter upwards: But if you raife the Tube a very little above the former Seation; the Mercury will immediately run out: Whereas, if before you had removed the Finger from the Top, you had funk the Pipe to low, as that the Mercury were 12 or 14 Inches, &c. below the Surface of the Water; the Mer-

is a lackes, 2%. below the Surface of the Water's HeMzers would be visionly forced up, and make feveral Access tone, according to the Laws of Specific Curvities. Carolling to the Laws of Specific Curvities of the Phaseomeron of two pollitid Markies, or other Planos, adhering for itous, according to the Laws of the Phaseomeron of two pollitid Markies, or other Planos, adhering for thought the two the Carolling of the Specific Curvities when the Carolling of the Specific Curvities and t

11. For the Lows of the Prefure and Gravitation in Flu-ton flecifically beavier, or lighter than the Bodies im-merged, the Stratus Gravity.

For the Lowe of the Refiftance of Fluins, or the Re-tardation of folial Bodies, moving in Fluids, the Resist-

For the Ascent of Fluids in Capillary Tubes, or be-neen Gloss Planes, see Ascent.

The Motions of Fluids, and particularly Water, make the Subject of Hydrulicks. See Hydrulicks,

Hydrulick Laws of Fluids.

1º The Velocity of a Fluid, as Water, moved by the Preffare of a super-incombons Fluid, as Air, is equal at equal Deptis; and anequal, at unequal ones.

For the Preflure being equal at equal Depths, the Velo-city arifing thence mult be fo too; and vice usrfa: Yet does not the Velocity follow the fame Proportion, as the Depth; notwithstanding that the Preflure, whence the Ve-Depth, nowithinkinding that the Prefixe, whence the Ve-locity sizies, does increase in the Preparent of the Depth. But here the Quantity of the Matter is concertal. And the Preparent is the Preparent is the Preparent is the to of the Velocity and Quantity of Matter, is increased in cased intens as the Square of the Velocities. Preparent is "The Princip of Paskal origing from a Professor of any and the Preparent is a failing from a Righty, e-qual or the Preparent is a failing from a Righty, e-qual or the Preparent is a failing from a Righty, e-sual or the Preparent is a failing from a Righty, e-portune of the Preparent is a failing from a Righty, e-ternal or the Preparent is a failing from a Righty, e-portune of the Preparent is a failing from a Princip to the Preparent is a failing from a Princip to the Inner African, they will adjust preparent Squaren-tics. The Princip of the Preparent is a failing of the Preparent of the Inner African, they will adjust preparent Squaren-tics. The Princip of the Preparent Inner I

this of the Third in especial times. The Third Theory cores was equal, flouid, under the fame Circumlinators, emply therefore equally, is evident; and that the Election of a perposciblent? Their in prefix what the fame Force, as that of an inclinad one, when their Al-foliators, the they mad yield could come, when their Al-foliators, that they mad yield could Custimate, but mount objectures or Dissourters, be top explained, but mount objectures or Dissourters, be top explained in the fame Yane, will be an ite Dissourcers. And this, whether they be evide, on

any bow inclined.

Carol. If the Apertures or Diameters be circular, the Quantities of Water emptied in the fame time, are in a du-plicate Ratio of the Diameters.

plicate Ratio of the Darmeters.

This Law, Mariette obleves, is not perfectly agreeable to Experiment. If one Diameter be double the other, the Water flowing out of the lefs is found more than a Fourth of what flows out of the greater. But this mail be owing to four accidental irregularities in making the Experiments.

ments.

Walfus ascribes it principally to this, that the Column of
Water directly over the Aperture is shorter than that next
the Sides or Parietes of the Vessel: For the Water, in its the Sides or Pariettes of the Vedfel: For the Water, in 18 Effizix forms a kind of Cavity over the Aperture 5 that Part immediately over it being evacuated first, and the other Water not ranning fall-enough from the Sides to Supply it, Now, this Cavity, or Dimination of Altitude being greater in the greater Tube, than the left, bence the Prefiture or Endeavour to paid out, becomes proportionably lefs in the greater Tube, than the lefs.

genera Twbe, than the left.

§ I five disperture E and F of reco Tales A B and
C D (Fig. 12) be equal, the Quantities of Waver Highburged

of B over High the control of Harmonia of Harmonia of the control

of F over High the new qualification for the Manusiry of Waver

amount Altitudes A B and C D, the Quantity of Waver

displaying from the greater A B, will be to that

charged from C D, no the James range in a Juliaphicate

Rand of the Editudes A B and C D.

Corol. 1. Hence, the Altitudes of Waters, A. B., and C. D., discharged thro'equal Apertures E and F; are in a duplicate Ratio of the Waters discharged in the same time. And as Ratio of the Waters dicharged in the lame time. And as the Quantities of Waters are as the Velocities; the Velocities are likewife in a fubduplicate Ratio of their Altitudes. 2. Hence, the Ratio of the Waters dicharged by two Tubes A B, and C D, together with the Altitude of one them being effort.

of them being given, we have a Method of finding the Altitude of the other, viz. by finding a fourth Proportional to the three given Quantities, which Proportional multiplied by it left, gives the Altitude of CD, required.

5. Hence sale, the Kario of the Altitudes of two Tubes

5. Hence also, the Ratio of the Altirudeis of two Tubes to qual Aperture being given, as file the Quantry of expand per the property of the property of the property of the Country of Warney the cheer final fluid file and the Gaustin of Warney of the Country of Warney and the Country of Warney of the Country of Warney and the Country of Warney of the Country of

Inches: That difcharged by the other, will be = / (9.25:9)

"I fit be Altitudes of vow Tubes AB, and CD be unequal; and the Apertures E and F likewife unequal; The Quantities of Water dishevaged in the finant time, will be in a Ratio compounded of the fimple Ratio of the Apertures; and the Biblioghica one of the Mittudes.

Corol. Hence, if the Quantities of Water dicharged in

Corol. Hence, if the Quantities of Water ditcharged in the fame time by two Tabes, whole Apertures and Altitudes are unequal, be equal; the Apertures are reciprocally as the Rooss of the Altitudes; and the Altitudes, in a reciprocal Ratio of the Squares of the Apertures. So If the Altitudes and Faperures, will flow out with equal Vilosity, however unequal the

Abertures be. 9° If the Altitudes of two Tubes, A B, and C D (Fig. 13.) at alfo their Apertures E, and F be unequal; the Velocities of the Waters discharged are in a subduplicate Ratio of their Altitudes

Corol. 1. Hence, as the Velocities of Waters flowing Corol. 1. Hence, as the Velocities of Waters flowing out at equal Apertures, when the Altitude's are unequal; are also in a liubdoplicate Ratio of the Altitude's per equal; if the Altitudes be equal; if appears, this Ratio is equal, if the Altitudes could be a supported by the Altitude of Taboes is in a liubdoplicate Ratio of the Altitudes.

3. Hence also, the Squares of the Velocities are as the

Altitudes.

Mariotte found from repeated Experiments, that if a Veffel A B C D have a Tube E F fitted to it, there will more Water be evacated through the Tube, than there could have been in the fame time, through the Aperture of the Veffel F, without the Tube: And that the Motion of the Fitted 5 a ceclerated formed the more, as the

Tube E Fis the longer.

E.gr. The Altitude of a Veffel A C being one Poot, that of the Tube E F three Feet, and the Diameter of the Aof the characteristics of a venical A University of the first three Lives are the value of the As in the Space of one Minute, whereas upon taking off the fine house of the As in the Space of one Minute, whereas upon taking off the Tabe, mly four Septien were difficulty, and a first three characteristics of the Contraction of the Contr

ns it felf empty.

For the Velocity of the full Veffel will be equable; and that of the other continually retarded. Now, 'tis demon-itrated, that, if two Bodies be impell'd by the fame Force,

make of the other demands of the control of the con

quently, the Altitudes of the Level F G in equal times decreate according to the fame Propertion invertely raken. Covel, Hence, the Level of Water F G, deficiends by the fame Law, as, by an equal Force impected, it would aftern three An Aritude equal to F G.
From this Principle, might many other patients Law of the Motion of Philds the demonstrated, which for Bredrich Management of the Motion of Philds the demonstrated, which for Bredrich Management of the Motion of Philds the demonstrated, which for Bredrich Management of Philds and Philds

vity fake we here omit.

ty take we never office.
To divide a Cylindrical Vessel into Parts, which shall be vacuated in certain Parts, or Divisions of time, see

GENERURA.

1.2 If Water defeending thro' a Tibe H.B. (Eg. 15.) Spent
up at the Aperture G, whose Direction is vertical, it will
rife to be fame Alitude G I, at which the Level of the
Water L M, in the V-GB A B C D Ass fland.
For fince the Water is driven thro' the Aperture G, by
the Force of Gravity of the Column E K, is Velocity will the Force of Gravity of the Column B. K., 108 Velocity will be the fame as that of a Body by the fame Force impressed, would rife to the Aittude F.I. Wherefore, face the Di-rection of the Aperture is vertical; the Direction of the Water (pouting thro' it, will be fo too. Confequently, the Water mult rile to the Height of the Level of the Water

L M in the Veffel. L M in the Veilel.
Indeed, by the Experiment it appears, that the Water
does not rife quite fo high as 1; Endee, that the Aperture
of flouid be limaller, as the Height of the Level of the
Water is lefs: And even fmaller, when Mercury is so fround, than when Water. But this is no Objection to the
Truth of the Theorem; it coll thems that there are contain external experiments, which diminish the Afcent.

asin exercise injectiments, without diminist the Accusi-Such are the Refultance of the Air; the Friktion of the Tube, and the Grawity of the affending Flints. 13° Water defconding throw an institued Tube, or a Tube bene in any manner; will flyour up through a perpendicular Aperture to the Height at which the Level of the Water in

he Veffel flands. 14° The Lengtts or Diffances D E and D F, or I H, and IG (Fig. 16.) to which Water will spout either thre' an in-

clined, or a horizontal Aperture D, are in a fielduplicate Ratio of the Attitudes in the Veffel or Tube AB and AD.

For, fince Water spouted out thro' the Aporture D, endeavours to proceed in the horizontal Line DF; and as the fame time, by the Power of Gravity, tends downwards in Lines perpendicular to the fame; nor can the one Power hinder the other, in as much as the Directions are not conrrary: It follows, that the Water by the Direction B A will arrive at the Line I G, in the fame time wherein it would have arrived at it, had there been no horizontal Impulse at all. Now the Right-lines I H and I G are the Spaces which the fame Water would have deferibed in the mean which the fame Water would have deteribed in the mean time by the porisonal Impetus: But the Spaces I H and I G, inafmuch as the Motion is uniform, are as the Velo-cities. Confequently, the Velotities are in a fubduplicate Ratio of the Altitudes A B and A D. And therefore, the Lengths or Distances to which the Water will (froat in A-pertures either horizontal or inclined, are in a fubduplicate Ratio of the Altitudes.

Namo ot toe Austraces.

Goval. Heoce, as every Body projected either horizontally, or obliquely, in an unrefilling Medium, deferibes
a Parabola: Water projected either through a vertical or
inclined Spout, will deferibe a Parabola.
Hence we have a way of making a delightful kind of
Water Arbours, or Archos, viz. by placing reveral inclined
Tubes in the Same Right-line.

Tubes in the lame Kight-line.
On thefe Principlei are form'd various Hydraulic Eugines for the raifing, &c. of Fluids, as Pumps, Sydnes, Pountains, or Jest de Bau, &c. Which foe defirited than their proper Articles, Pums, Syrnon, Foundains, Steal

Screw, &c. Scrim, &c.

For the Lower of the Mation of Fulds, by their own
Gravity, along open Channels, &c. be Rivie, and Wayn.

For the Laws of Prefiler and Mation of Air, confider'd at a Fuid, tee Air, and Winn.

FLUMMERY, A wholeform felly, made of Ottmeal.

The manner of pregraing it in the Western Parts of

Togloms, is to take haif a Feck of Wheen Bran, which must

Engined, is to take half a Peck of Wheet Bran, which mail be feated in cold Water throe or fine Days; then first in our the Colonial colon

Gold and Silver will remain a long time in a Fluor, kept to it by the intenfelt Heat, without losing any thing of their Weight. See FIXITY

Fivon is also used by the modern Mineral Writers for fach foli, transparent, starry kinds of mineral Concretions, as are frequently found amongst Oars, and Stones, in Mines and Quarries.

Fivon Albat, or Uterinut, a kind of Flux, incident to Women, popularly called the Witter. See Wattras. It conflict in an irregular, difforderly Dichage of seme corrupt Humor, fomcumes white, and pale, like Whey; formctimes yellow, green, or blacklish in Aff arit is ufasaly fold and harmlefs, but in time grows bee, fharp, and corrier, and exortice all the Parts it to exclusive.

It is attended with a Pain in the Spina Dorfi, a Swelling of the Feet and Eyes, Weatinets, Lumbago, a Lofs of Ap-pethe, Change of Complexion, Sc.

perfine, Change of Complexon, CE.

It is frequently produced from a too heavy and lafting
Grief. It must be well diltinguished from an Uncer in the
Utrans, and a Conorrham. See Gosonanman.
It happens to all Agang from Girls of three Years old:
And at all times pelore, after, or even along with the
Menfes; and even to Women with Chind.
Emullier takes it for a Gosonarhas unsideriri, analogous.

to a non virulent Gonorrhea in Men, and flowing out of the Glandulæ of the Profitates.

Giandale of the Profitates.
What the Corpus is in the Nedfrils; too much weeping in
the Eyes; coughing and having in the Execus; that, set the Eyes; coughing and having in the Execus; that, set A. Acouding of Printierin, all the Difference between the veneral Gonorrhors, and a Finer allest, is that the Hamer created in the latter is viicid, and in the former, quite this and forces. The firme Ambers adds, that the Finer allest, can only be cared by Medicines purper for the vecental Dif-sired only be cared by Medicines purper for the vecental Dif-

can only be cared by Medicinne proper for the vectors Jariel. See Gesconniana. of Medick, the fimplefi of all thoir of the Wind kind. See Musera.
It is payd, by blooking in it with the Mooth, and the Tonca or Notes Form'd and changed by flooping or opening like diplocid for that purpole all along it.

The Latint call it Fifthia, and Sometimes This, Figure from the former of which, form electric the World Figure.

The Borel will have it derived from Fints, a Lamprey, thus called a finitando in Finnis; in regard the Finte is long, like the Lamprey, and has Holes all along it, like that Fifth.

The antient Fiftule or Flutes were made of Reeds; af-terwards they were of Wood; and at length, of Metal. But how they were blown, whether as our Fintes, or Haut-

But how they were blown, whether as our times, or namely, does not represent the property of t

Neade. See 1481A, and FISTULA.

The German FLUTE is different from the common one:

"Tis not put into the Mouth, by the End, as the ordinary
ones are: The End is floyd up with a Ping, or Tampion;
but the lower Lip is applied to a Hole about half an inch diffant from it. "Tis ofisally a Foot long; equally big every where, and priorated with fix Holes, behide that of the Mouth. It is

The deathy a Ecol long; equally big every where, and perfectived with the integer of four Perfection. In the integer of four Perfection was a second of the Every and the Ecol to Every and the Ecol to Every and Every in Architecture, and Ecologies Perfect to Every and Every in Architecture, and Ecologies Perfect to Every and Ecologies of Indian Section 19 in the Section 19 in the Every and Ecologies and Section 19 in the Every and Ecologies 19 in the Every Ecologies 19 in the Every

In some Buildings we see Columns with Flutes that go winding round the Shaft, spirally; but this is rather look'd on as an Abufe.

on as an Abute.

Vignola determines the Depth of the Flates by taking the Angle of an equilateral Triangle for the Centre.

Vitrosius deleribes it from the Middle of the Square, whole Side is the Breadth of the Flate: Which latter Me-

thod makes them deep. The Flutes, or Striges, are frequently fill'd up with a

prominent, or fwelling Ornament, fornetimes plain, in form of a Suff-or Reed 3 and fornetimes a little carred, or en-rich'd, in imitation of a Rope, or otherwise, and there-fore called a Rudenture, or Cabling 3 and the Columns thus carieth 4, Cabled Calumns. See Convens.

This is most frequent in the Cariethius Order. The Cab-

lings, or Fillings up commence from about one Third of the Height of the Column, reckoning from the Base; and are continued to the Capital: That is, they begin and end with the Diminution of the Column. See DIMINUTION.
FLUTES, or Fintings, are also us'd in Botany, in describing the Stems and Fruits of certain Plants, which have Fur-

ing the Seems and Frank of Certain I hand, which nave rur-ress, analogous to their of Columni.
Frurt, or Floyr, is also a kind of long Vessel, with filst Ribo, or Floor Timbers; round behind, and swelled in the Middle; ferving chiefly for the carrying of Provisions in Fleets, or Squadrons of Ships: the' it is also set on Mer-Fleets, or Squadrons of Ships: the' it is also set on Mer-

The Word Flate, taken for a fort of Boat, or Veffel, is derived, according to Borel, from the antient Flette, a little Boat. In the verbal Freecis of the Miracles of St. Catharine of Sweden, in the XII¹⁰ Century, we read, Units tourisse of some one cum mercibus magni ponderis introduxit fuper infirumentum de lignis fabricatum, oulgariter di-

Upon which the Bollandifts observe, that in some Co-pies it is read Florra, an Instrument call'd by the Latins Rat-tit; and that the Word Florra, or Florra, arose from Florren, or colerror, to float-

FLUYE Grafting, foe ENGRAPTING. FLUX, FLUXUS, in Medicine, an extraordinary liftee, or Evacuation of form Humor. See Humon.

Evacuation of Sono Hemore. See Heuron. Finest are visition, and variously denominated, according to their Sons, or the Humon thus voided; as, a Fine of the Bully (Derma Fine, Alpeint Fine, School Fine, Solden Fine, Very Comparison, the Content of the Content

Transaff. No 312.
Flux of the Month, or Salival Flux, see Salivation The Hepatic Flux of the Antiens is a mere Name; being, in reality a harmorrhoidal Flux, out of the hemorrhoidal Veins; and fo reducible to the Diffenery. See Ha-

MORRHOIDS. MORRINGIBA.

Women are subject to three kinds of Fluxes extraordinary: The first, call'd the Mengles, or Menstrual Fluxe, as happening every Mouth; sometimes Courses, as keeping pace with the Moon; and sometimes Flowers. See Max-

and FLOWERS. SES, and FLOWERS.
The fecond is after Delivery, call'd Lochia. See Lo-

The third is irregular, and practematural; and for want of a better Name called Fluor albus, or Whites. See Fituon

Albait.

First, in Hydrography, a regular, periodical Motion of the Sea; happening twice in twenty four Hours; wherein the Water is said, and dirture violently againft the Shores.

The Flax, or Flox, is one of the Motions of the Tide; the other, whereby the Water finks and retires, is call'd the Refus, or Ebb. See Timst.

Refile, or EMS. See Inst.
There is always a kind of reft, or Ceffation of about half as Hoar, between the Flux and Reflux: During which the Water is at its greateft height, called High Water.
The Flux is made by the Motion of the Water of the Sea, from the Equitor towards the Poles; which, in its Progress, striking against the Cocasts in its way, and meeting with Opposition from them, swells, and where it can find Passage, as in Flats, Rivers, &c. rifes up, and runs into the

This Mexica follows in force mediare the Courle of the Mono, as is their, or comes later every by who shout three Quarters of an Hour; or more percicle, 30 Minuses: And by it much in the Monisor of the Mono Money: than that or by it much in the Monisor of the Mono Money: than that or particularly shelfs of the Equinoses. In items Parts, as at Monas St. Michael, it railed for or poles; their in the opposition of the Monos St. Michael, it railed for or poles; their in the opposition of the Monos St. Michael, it railed for or poles; their interpolate, as the most option of the Monos St. Michael Monos St. Michael Monos Monos St. Michael Monos Monos St. Michael Monos Monos St. Michael Monos M This Motion follows in some measure the Course of the

consistents. See Fiction.
Frux Penalery are these prepared to facilitate the Fasson of the harder Metaling as allo to melt Oars, in order to discover what Proportion of Metal they contain. See Fusion. Powder of Antimony is a very good Fittle Powder. By this alone may you readily melt Iran or Secel in a Cruelbie,

with an ordinary Charleston.

FOUNDERY.

FEUZION, in Medicine, a fudden Collection of morbid Matter in any Part of the Body.

Fluxions arise either from the Weakness, Flaceddity, and Inactivity of the Part affected, which does not disperse, produced the Hamous naturally received into it: O trude, or expell the Humors naturally received into it: Or from the Derivation of some extraordinary Quantity of pec-cant Matter from some other Part.

This latter is properly called Defluxion, and by the Antients, Attraction. See Defluxion. Fluxions are occasion'd by Motion, Heat, Pain, Fomenration, &c.
A Fluxion, or Defluxion on the Lungs, is called a Ca-

A Firston, or Denaston on the Lungs, is called a Cararth. Sec CATARRI.

FLUXIONS, or the Afterbad of Fluxions, is the Arichmedic, or Analysis, of infinitely finall variable Quantities, or the Method of finding an Infinited mail, or infinitely finall Quantity, which being taken an infinite Number of times, becomes equal to a given Quantity. See INTINITY, and

INFINITESIMAL.

Sir I. Newton, and after him all the English Authors, call these infinitely small Quantities, Flaxions; as considering them as the momentary Increments or Decrements of variable Quantities, e. gr. of a Line confider'd as generated by the lux of a Point; or of a Surface generated by the Flux

of a Line.

Accordingly, the variable Quantities are called finest, or Bowing Quantities; and the Method of finding either the Fluxion, or the Fluxes, the Method of Fluxions, See Mex 1900.

M. Leibnins, and the Foreigners after him, confider the fine infinitely fruit Quantities as the Difference, or Differential of two Quantities; and call the Method of finding their Blifferences, the Differential Calculus. See Caxion the Confidence of the

ing their Directness, the Differential Calculus. See Cau-culus differentialis.

Each of these ways of considering and denominating, has its Advantages; which the Retainers to this, or that Me-thod, firemoutly affert.

thod, firemoutly after:
Variable Quantities, i.e., fisch as in the Genefis of ElVariable Quantities, i.e., fisch as in the Genefis of Elgers by local Motion are continuitly increasing and dimsilling, are certainly very properly denominated Fluents:
And as all Figures may be conceived as for generated, the lafinitely final Interventues, or Decements of fact Quantities
are very naturally denominated fluences
Bende this Difference in the Saune, there is another in

Sir L. Newton expredies the Fluxion of a Quantity, as st by a Dot placed over it, as s and Mr. Leibnize expredies his Differential of the fame x by prefixing a d as d s; each of which Methods of Notation has likewife its Advantage. See Differential Carcura. Setting afide these circumstances, the two Methods are

the fam

the fame.

The Mcthed of Fluxions is one of the greatest, most subtile and subtile Discoveries of this, or perhaps any other Age: It-open a new World to us, and extends our Knowledge, as it were, to Infinity. It carries us beyond the Boands that Seem'd to have been preferible to the human Mind; at least infinitely beyond those to which the antient Geometry. was confined

was common. The Hillory of this important Difcovery, as fresh as it is a little dark, and imbroiled. Two of the greatest Men of this Age, do both of them claim the Invention, Sir I. Neuton, and M. Leibnitz; and nothing can be more glaricals for the Method it [81], than the Zeel wherewith the

A Norminy, and makes the fit has the Zeal Schreen'th the Extention of either field have differed the Title. Dijute, To give the Reader a jet View of this node. Dijute, To give the Reader a jet View of this node Dijute, To give the Reader a jet View of the node of the Reader and the Reader a

rent Characters

In effect, Mr. Leibnite's Character, was supposed by Foreigners to be fomewhat more comodious than that of Sir Iliase Newron; accordingly, the Method foan foreading it felf throughout Europe, M. Leibnine's Character went with it; by which means the Geometricians were infentibly

with an ordinary Charcoal Fite: See ANTIMONY; fee also accustomed too look on him as the fole, or principal lit-The two Great Authors themselves, without any sceming

The two Great Authors themsfores, without any facming Concern, or Dijuga as to the Procept of the Invention, George, The Great as to the Procept of the Invention, Great point of the Great of the Great

Sir Hase himself never appeard on the Scene: His Glo-ry was become that of the Nation; and his Adherents, warm in the Cause of their Country, needed him not to

warm in the Caule of their Comary, needed him not to aim with the Caule of their Comary, needed him not to aim with the Caule of the Ca

which might be put on his Words.

The Society, here appeal to a 1 Judge, appointed a ComThe Society, here appeal to a 1 Judge, appointed a ComThe Society, here appeal to a 1 Judge, a proposition of the
half pelfed among the feveral Mathematician, validing to
her deally a proposition of the second the testing of the
half pelfed among the fever in their Report. That it
of the second is the second that the second the second the
differential Cultima before 1 term even kim by Set.

Neuron, and fest to him at Porti, in the Neur 1813, a
plained, not to 4 Man of his Baggard in the whole Martin
ere, and that Sit I. Neuron had even incurred his No
"ere, and that Sit I. Neuron had even incurred his No"ere, and that Sit I. Neuron had even incurred his No"extent before M. Leilurius had give any things on the
"Sobject in the Leiffer Mills." And thesee they contailed,
had field. he had faid.

The Society printed this Confure of theirs, together with all the Pieces and Materials relating thereto, under the Ti-tle of Commercian Epiflolicum, de Analyfi promota. Loudon, 1712.

dow, 1712.

The Book was carefully diffribated through Europe, to vindicate the Title of the Euglid Nation to the Diffcovery; for Sir Jibac, as alteady hinted, never appeared in it. Whether it were, that he railted his Honour with his Compatriots, who were zealous enough in the Caufe; or whether it were, that he were even laperior to the Glory there is were, that he were even laperior to the Glory there. M. Leibnite and his Friends could not fliew the fame In-

difference: He was accus'd of a Theft; and the whole Com-mercium Epifelicum either expresses is in Terms, or infi-

matte it.

Scott after the Publication thereof, a loofe Sheet was printed at Paris, in behalf of M. Leibnirz, then at Fienna.

It is wrote with a world of Zeal and Spritt, and maintains boldly, that the Method of Finzions had not preceded that of Differences; and even infinizates, that it might have arofe from it. The Detail of the Proofs on each fide would be too long, and could not be noderflood without a large Comment,

which must enter into the deepeft Geometry.

M. Liebnizz had begun to work upon a Commercium Esistolicum, in opposition to that of the Royal Society; but

pillelium, in oppolicion to that of the Royal Society; but he ded before it was complexed. It must be owed, there are from Performerium in Severard M. Leibnitz, Prelimptions, we mean, that he was been as the several that the se

The Doftrine confifts of two Parts, viz. Fluxions pro-perly fo called, or the Dinger Mersion of Fluxions call'd also Calculus Differentialis; and the Inverse Method of

Fluxions, or Calculus Integralita

FLU

The latter is directly opposite to the former; and is a Sequel of it. Both of them are adopted into the new Geometry, and make reigning Methods therein.

The first descends from finite, to infinite; the latter aftered from finitely finally to failte: The one decompounds a Magnitude, the other re-effablishes it.

Direct Method of FLUXIONS. All finite Magnitudes are here conceiv'd to be refolv'd

into infinitely imail ones; which are the Elements, Moments, or Differences thereof.

The Art of finding these infinitely small Quantities, and of working on them, and discovering other infinite Quantities by their means, makes the Direct Method of Fla-

What renders the Knowledge of infinitely fmall Quanti

What renders the Knowledge of infinitely finall Quasti-tion of fach infinite Uli and Extent, is that they have Re-lations to each other, which the finite Magainede, where of they are the Infinitedimal, have now hatever, the infi-nitely intill Differences of the Ordinate and Abstiffe, have the Karlo to each other, not of the Ordinate, and Abstiffe, but of the Ordinate and Subrangens; and of confequence, the Abstiffe and Ordinate size the property of the Ordinate Labellity and Ordinate the Confequence, and of the Ordinate of the Ordinate and Subrangens; and of the Ordinate the Abstiffe and the Ordinate size the places of the Ordinate of the Ordinate size the places of the Ordinate size the Subtangent unknown; or which amounts to the fame, the Tangent it fulf. See the inverte Method of Fireness.

The Method of Notation in Fluxions, introduc'd by the

Inventor Six I. Neutron, is thus, or flowing Quantity, to be uniformly augmented, as fuppole the Ableitic of a Carre, he denote by 1, or Unite 3 and the other flowing Quantities he denotes by 1, or Unite 3 and the other flowing Quantities he denotes by the Letters $x \in y \ni x$ and their Fluxester by

the fame Letters, with Dots plac'd over them, thus was

Again, as the Fluxious themselves are also variable Quan-tities, and are continually increasing, or decreasing; he con-siders the Velocities with which they increase, or decrease, as the Fluxious of the former Fluxions, or fecond Fluxions which are denoted with two Dots over them, thus, 9 x z.

After the lame manner one may consider the Augments, and Diminutions of these, as their Fluxious also; and thus proceed to third, fourth, fifth, &c. Fluxious, which will be

noted thus, y x s: y x s: y x z &cc. Laftly, if the flowing Quantity be a Surd, as J: a-b;

he notes its Fluxion √: a-b: If a Fraction -- be

notes it,

Cafes.

"Multiply each Term of the Equation seperately by the
several Indices of the Powers of all the flowing Quantities containd in that Term: And in each, change one
Root or Letter of the Power into its proper Fluxion:
The Aggregate of all the Products connected together
be held express Sizes will be the Fluxion of the Terminal
behalves of the Terminal
behalves of the Terminal
several
content of the Terminal
the T by their proper Signs, will be the Fluxion of the Equa-

The Application of this Rule will be contain'd in the following Cafes.— I. In the General: To express the Fluxions of simple

oriable Quantities, as already mentioned, you need only put the Letter, or Letters, which express them, with a Dot over them: Thus, the Fluxion of x is is and the Fluxion of y is ;; and the Fluxien of x | y | v | e, is x | y | v | e

Note. For the Fluxion of Permanent Quantities, when any fach are in the Equation, you must imagine o, or a Cypher; for such Quantities can have no Finzion, properly speaking, because they are without Motion, or II. To find the Fluxions of the Products of two or more

mailtier forces Quantities; the Pressure of sec or sucre Multiply the Products, or the Product of all the reft; and connect the last Products by their proper Signs; the Sum or Aggregate is the Plusiers fought.

Thus, the Fluxion of x y is x y + x y; and the Flunion of x y z, is x y z + x y z + x y z; and the Fla-

xieu of x v v a, is x v v a - x v v a + x v v a x v y z; and the Fluxion of a - x x by b-y (the common Product being a b + b x - y a - x y) will be b x - g a - x g - x g.

III. To find the Fluxion of a Fraction;

Multiply the Fluxion of the Numerator by the Denominator, and after it place (with the Sign —) the Fluxion of the Denominator to the Nominator, and divide the whole by the Square of the Denominator.

For suppose $\frac{x}{y} = z$, then will x = yz; which equal Quantities will have equal Fluxions; therefore x = y = + zy, and x-zy=zy; and dividing all by y-y $= z = (because \frac{x}{y} = z) \underbrace{y}_{x - - x} \underline{y}$: Wherefore this

last is the Fluxion of the Fraction x ; because a being ==

, a will be equal to the Fluxion of And the Fluxion of $\frac{a}{x}$ will be $\frac{a}{x \cdot x}$ is for the permanent Quantity a having no Fluxion, there can be no Product of the Fluxion of the Numeror into the Denominator, as there would have been, had a been x, x, or any other withly Dwaling.

IV. To find the Fluxion of a Powers

variable Quantity.

Multiply the Power (first brought one Degree lower) by the Index of that first Power; and the Product by the Fluxion of the Root.

Thus, the Fluxion of $x \times will be a \times x$, for $x \times x = x \times x$; but the Fluxion of x x z = x x + x x = 2 x x, Sr. and the Flaxion of x3 will be 3 x x x. That of x2 will be 8 x7 x, &c. Or if su express the Index of any Power, as suppole x=, its Finnien will be m x=- * x, or m x x=- *:

For x = brought one Degree lower (m being a general ladex) mult be x=- *; then that x by m the Index, man
x =- *; and this laft by the Finnien of the Root, pro-

If the Power be produced from a Binomial, &c. as fuppole = = + 2 = 9 +9 5, its Fluxion will be 2 x x -1 - 2 x x - 1 2 2 5 4- 2 5 5, by the Fourth and Second Rules.

If the Expenent be Negative, as suppose x or x n,

its Fluxion will be - mxx - m - 1.

Or, if you would do it by way of Fraction, -m x n - x, (for the Square of x= is as well x 2m as x =2) or according to Sir I. Newton's Method, which is yet fhorter, x m+1.

If the Power be imperfect, i. e. if its Exponent be a Fraction, as suppose v: xm; or in the other Notation x x. (appole x * = ∞ : Then if you raife up each Member to the Power of π, it will fland thus, x = = x *; the Fluxion of which will be, by this general Rule, mx =- 1 x = n

10 × × ×-1 ex-15 Wherefore a will be = mxxxx-1 (by dividing

both Parties by $n \ge n-1$;) and $\frac{m \times n - 1}{n \ge n-1} = \frac{m}{n} \times n$. or x = x = x, by putting inflead of n z = -, its Va-

luc s x = s.

Hence to find the Fluxion of any kind of Power, proceed thus a straight the Power given by its Index or Exponent, and then that Product by the Plussew of the Root of the Power given; and after that, fubrialt One, or Unity, from the Index of the Power.

V. To find the Fluxions of Surd Quantities.

Suppose it requir'd to find the Fluxion of \(\sqrt{zrx-xx} \) or zrw-xx | +. Suppose zrx-xx | += z; then is x + x - x = x = x; and confequently x - x = x = x;

and by Division, $\frac{r \cdot x - x \cdot x}{x} = \dot{x} = ($ by Substitution) $\frac{r \times - \times \times}{2 \cdot r \times - \times \times}$ = to the Fluxion of $\sqrt{2 \cdot r \times - \times \times}$

If it be required to find the Fluxion of a y - x x | 's for $ay - x \times |$ put z; then, $ay - x \times = z^{\frac{1}{2}}$, and ay- 2 x x = 1 2 2 2 2 : And multiplying by 3, 3 a y - 6 xx= z z s, and consequently, 3 a z y - 6 z x x = z equal (fubflituting a y - x x | 2 = z 1) 3 a y y - 6 a' x' y y + 3 a x' y - 6 a' y' x x - 12 a y x' x - 6x' x = to the Fluxion of a y - x x'.

VI. To find the Fluxion of Quantities compounded of Rational and Surd Quantitie

Let it be required to find the Fluxion of $b \times * + c \times x = b \times x + c \times x + c \times x = b \times x + c \times x + c$ and $\sqrt{xx + aa} = q$. Then the given Quantity is $p \neq q$ = z, and the Fluxion thereof is p q - q p = z: But q

is $\sqrt{xx + aa}$, and p is = xb x x + ax; therefore in the Equation $p q + q p = \infty$, if in the place p, q, p, q, we reitore the Quantities they represent, we shall have

Which being reduc'd to x c s x V x x + s s x x = z. one Denomination, gives 3 bx1 -- 2 acx'

2 b a x - |- x a x x = n = to the Fluxion of the given

Inverse Method of Francisco, or Calculus Integralis, con-files in finding finite Magnitudes, from the infinitely finall Parts thereof. It proceeds, as already observ'd, from infinitely small Quantities to finite; and recompounds and sums up what the other has resolved; whence it is also call'd the Sunama-

But what that has decompounded, this does not always re-citablift; fo that the inverse Method is limited, and im-If it were once compleat, Geoperfect; at leaft, hitherto.

persons at least, intherto. If it were once compleat, Geo-metry would be arrived at its laft Perfection.

To give an Idea of its Nature and Office, take the In-flance already proposed in the direct Method: In that the infinitely small Quantities of the Ordinates and Absciss,

rallelegram. railségran.

en de problègran threchen, ly riesa de la constitution de l'action de l'actio

tween two infinitely near Ordinates, an infinitely final Por-tion of the Axis, and an infinitely little Arch of the Curves "Tis certain, this infinitely [mall Surface is no Parallelogram; The certain, this innuicely instructure is not a range operations fince the two parallel Ordinates which terminate it on one Side, are not equal; and the Arch of the Curve, opposite to the little Pertion of the Axis, is frequently neither posite to the little Fortion of the Axis, is frequently neither equal nor parallel thereto. And yet this Surface, which is no Parallelogram, may be consider'd, in the firstlets Geo-menty, as it is really were one; by reason it is infinitely small, and the Errot, of consequence infinitely little, i. ex

none. So that, to measure it, there needs nothing but to mul-tically an Ordinate of the Parabola by the infinitely final Portion of the Asis corresponding thereto. Thus we have the Element of the whole Parabola; which Element being rais'd by the interfe Method to a finite Magnitude, is the whole Surface of the Parabola.

whole Surface of the Parabola.

This Advantage is peculiar to the Geometry of Infinites, of being able without any Error to treat fittle Arches of Corree, as if they were Right-lines; curvilinars Spaces, as if reciliinear ones, 15c, enables it not only to go with more Eafo and Readiness thain the antient Geometry, to the fame Truths; but also a great Number of Truths; inaccelfible to the other. Its Operations, in effect, are more easy, and its Discoveries more extensive: And Simplicity and Universality are its di-

stinguishing Characters. To find the flowing Quantity belonging to any Fluxion green

To have the Dockrine of the Inverse Method correspond and keep pace with that of the Direct, we will apply it in the fame Cafer.

1º Then, in the general: To express the variable Quantity of a Fluxion, there needs nothing but to write the Letters without the Dots.

Only, if the Letters be all exactly the fame, the flowing Quantity will be a fimple one, whose Farts are not to be connected together by the Signs 4-and -

be connected together by the Signs 4-and—
III To find the flowing Quantity belonging to the Fluxion of any Poecer, either perfelf, or imperfelf.

Take the fluxionary Letter or Letters out of the Equation: Then augment the Index of the Fluxion by 1, or Unity: Laftly, divide the Fluxion by the Index of its Power fo increased by Unity.

Thus suppose $3 \times 3 \times 3$ proposed 3 by taking away 2 it will be $3 \times 3 \times 3$ and by increasing its Index by Unity, it will be $3 \times 3 \times 3 \times 3$. Then dividing it by 3, its now (augmented) index, the Quotient will be $3 \times 3 \times 3$, the flowing Quantity required.

Again, suppose x x x x = Fination proposed: By taking

away the fluxionary x, it will be # " : By augmenting the Index by Unity (i. e. taking away-1) it will be

x = : And laftly, by dividing the remaining Part of the Fluxion by - , prefix'd to, or multiplied into x, the Quo-

tion will be x = 1, which is the flowing Quantity fought.

The Use of the direct Method of Fluxions, see specified under the Articles Maximus and Minimis, Tanoanne, Sc.
These of the Inverse Method, see under Quanature of Cerusi; Rectification of Curves; Curature of

Solids, Sc.
FLYBOAT, a large Veffel, with a broad Bow, us'd by
Merchants in the coatting Trade.

Merchants in the cashing Frade. Some of them will carry 80. Ton of Goods. 76 Fev Greff, in Falcency, is failed at a Huwk-when the faile at the great Black, as the Huwk-when the failed at the great Black, as the Huwk-when the failed at the Fall Red, as the second of the FLEXBRS, in Architecture, facility milling her Quarry, brakes her full to the next Check, as Cown, 45% at and do not wind round, not in Steps made tup-carry; and for and back per of each Statt and other finite ordically and from and back per of each Statt and other finite ordically and for mad back per of each Statt and other finite ordically and

fore and back part or each some parallel to one another. So that if one Flight do not carry you to your defign'd Height, there is a broad half Space; and then you \$9 #R again

FOC

sgain, with Steps every where of the firme Breadth and Length as before. See Stair-Cass.

ELYING, the progretion Motion of a Bird, or other Winged Animal in the liquid Air. See Fracure, and Bian-Fying is either Naturate, or Artificial.

Physical Fraction in that performance and progretion of the progretion of the performance of the pe

Smithres of Parasoneerea for that each by Names her life. Such is that of mol Birds, and finder, and other Birds. In First, and other Birds. In First, in the ment of the property of the property. In the Year 1879, was covered one had not been considered by the property of the property

right, and

"Tis by the Largeness and Strength of the temporal Mus-cles, that Birds are so well disposed for quick, strong, and continued Flying.

continued Hyprog.

The Muttles, which in Men are fearer of the Muttles of the Body, in Birds, exceed and oneweigh all the other Muttles taken together: Upon which Mr. Wilaughly makes this Reflection, that if it be puffible for Man to fy, his Wings muttle to 6 control and dapend, that he may

has Wings must 60 to construct and adapted, that he may make use of his Legs, and not had Farns in managing them. See De cond. If the seek of the condition of with the Feathers therein, confiture one continued Lami-na; being now rais' at little above the Horison, and vibra-ing the Wings with great Force and Velocity, perpendicu-larly, against the finbych Air; the Air, the' a Flaid, refills those Soccusions both from its natural landivity, and from its Elathicity, which makes it reflore it felf, after it has been compressed, and reach almuch as it is acted on: By such

compressed, and reakst assume as it is acted on: By tack-means is the whole Body of the Bird potentiable. The Signetty of Nature is very remarkable in the open-ing and recovering of the Wing for fresh Strokes. "To do it directly, and perpendicularly, it would needs have a great Resiliance to overcome: To avoid which, the boop Parr, or Bend of the Wing into which the Feather are inferred, moree sidewise with its sharp End foremed; a

are inferred, moves fidewife with its flarp End forement; the Eculture following it like a Figu. Withermise of the Wind a fine much the greater, as the Wint or Stouch of the Fine of the Wing is to much the greater, as the Wint or Stouch of the Fine of the Wing is to continually dimitified by this Redifference, when the two Forces come to be in Expallisher, the Bird will remain fulfill the Winter of the

never mount on finch multable Steps.—

Mr. Ray, Willoughly, &c. have suppos'd the Tail to do
the Office of a Rudder, in steering and surning the Body this way or that: But Borelli has shown it unfit for any such

Office.

The Flying of a Bird, in effect, is quite a different Motion from the Sailing of a Shipe Bird don't vibrate their Wings towards the Tail, as Coas are fruck towards the Stern, but waft them downward: Nor does the Tail of the Bird cut the Air at right Angles, as the Rudder does the Water; but is disposed horizontally, and preserves the fame Situation what way seever the Bird turns.

In effect, as a Veffel in the Water is turn'd about on its In circct, as a Vettel in the Water is turn'd about on its Centre of Gravity to the right, by a britk Application of the Oars to the left; io a Bird, in beating the Air with its right Wing alone, towards its Tail, its Fore-pare will be run'd to the left: As when in fownming, by only firl-king out with the right Arm, and Leg, we are driven to Accept.

the left.

Thus, we fee Pidgeous, changing their Courfe to the left-ward, labour it with the right Wing; keeping the other al-

moft at reit.

Add, that Birds with long Necks have another way of altering their Coarfe: For by only inclining the Head and Neck towards this or that Side; the Centre of Gravity of the whole being shifted, the Bird will proceed according to his new Direction.

his now Direction.

Birds nover fly apwards in a perpendicular Line, but always in a Patabola, the Line deferibed by Projectiles.

In a direct Alcent, the Natural and Artificial Tendency would oppose and defeny each other; is that the Progrets

would be very flow: In a direct Defect, they would aid one another; to that the Fall would be too precipitate. Indeed, the Hawk we frequently find take that Advantage Indeed, the Hawk we trequently find take that Advantage in feising of the Partialge. But ordinarily, Birds keep their Wings expanded, and at reft, to retard their Defent; and at the time time fireth out their Feet, and Lega.—
Artificial Fevino, is that attempted by Men, by the Al-Sance of Mechanicks.

The Art of Flying is one of the great Defiderate of Me-chanicks; attempted in divers Ages: The Difference where-of might prove of great Service, and great Difference to Man-

No body feems to have bid fo fair for that Invention, as our famous Fryar R. Bacon, who liv'd upwards of 500 Years ago. He not only affirms the Art failble; but af-fares as he himfelf knew how to make an Engine, in which a Man fitting might be able to carry himfelf through the Air, like a Bird: And affirms, that there was mother Perfon, who had actually tried it with Success

The Secret conflited in a Couple of large thin hollow Coper Globes, exhaulted of Air, which being much lighter the Air, would finite in a Chair, whereon a Perfon might fit. Se Air, Pout.

Fa. Francisco Lane, in his Prodremo, proposes the same thing, as his own Thought. He computes, that a round Veffel of Plate Brafs, fourteen Foot in Diameter, weighing Veffel of Plane Earls, Gourcem Foot in Diameter, weighing inter Guessie height Foot will only weigh 1828 Guessie, whereas a Quantity of Air of the time Stalt, will weigh in the Company of Air of the time Stalt, will weigh a considerable of the Company of the Co

But the Fallacy is obvious: A Globe of the Dimensions be deferibles, Dr. Hook flows, would not fush in the Prefire of the Air; but be crashed inwards. Beside, that in whet-ever Ratio the Balls of the Globe were increased, in the fame must the Thickness of the Metal, and confequently

time must the Thickneti of the Mettal, and configurately the Weight, in conscioled 300 that there would be to Addition. Weight in conscioled 300 that there would be to Addition. The limit Author describes an Engine for Flying, invented by the Sizer Britisher. A Smith of Addition, 20 Mining. Philipse, in Section 10 Mining. Philipse, in the Control of th

ince, as Occasion shall ferve,-Place, as Occalion finall serve.—
Fixing Pinion, is a Perr of a Clock, having a Fly or Fan, whereby to gather Air, and so to brilds the Rapidity of the Clock's Motion, when the Weight descends in the sirking Part. See Parton, Clock, See.
FOCAGE, or Feach, Fire-money, Hearth-money, or

Chimney-money. See Fuger.
FOCILE, Focil, in Anatomy, a Name the Arabi give to
the two Bones of the Arm, reaching from the Elbow, to

the two boales of a ran, realing from the Endow, to the Wrift. Soc Ann.

The biggelt, which is what we call the Cabitus, and Una, they call the greater Field, Foile majus.

The lefs, which we call Radius, they call Foile minus. Soc Courtey, and Ranny.

The like is observed with regard to the Bones of the Leg. The biggest of which, by the Latins called Tibin, the A-rab Winers, Sc. call the great Fiell: And the let's, or Fa-fails, the letter Fiell. So Than, and Firezan. FOCUS, in Geometry, and the Cenik Scittons, is ap-plied to certain Points in the Parabola, Ellipha, and Hyperbo-

a : wherein the Rays reflected from all Parts of thele

la; wherein the Kays reflected from all Parts of their Curves do enoue, or more. See Curve, in the Act, as reflected from the Parts of the Parts of

tex, and the Abfeisic.

3º That the Right-line F M drawn from the Fouri F to the Extremities of the Semi-ordinate of the Parabola is equal to the aggregate of the Abfeisic A P; and the Diffance of

ferbal: Or, two Points in the longer Axis, whose two Right-lines being drawn on any Point in the Carcumference, Right-lines being drawn of the Axis Axis Theide are all and live upsides captured to the Axis is 165. Theide are all of To find the Part of an Ellipia, from B to L, for of Axif he Parameter. And in the Carrier Cere at a Perpondicular C K, meeting a Senticited deferbod on A L. Then I from the Axis A B Be cut in the Fourt F, the Read-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Segments of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will be fall-angle of the Axis A F, F B, will Difference of the Semi-parameter from half the Axis. See ELLIPSIS.

ELLITHE.

FOCUS of the Hyperbolis, Go Hyramania.

FOCUS of the Hyperbolis, Go Hyramania.

FOCUS of Directs, is a Plant wherein feveral Rays concurs and see collected, either after having undergons. Resulting the Common and the collected, where the result and the latest and Lens. See LENS.

Lens. See Lens.—
Focus, in Dioputeks, is the Point wherein the refracted
Rays, by Refraction render'd convergent, do concur, or meet,
and cross the Axis. See Refraction.
The fame Point is also call'd the Point of Concourfe, or

The lame Point is also calld the Point of Concourfe, or Concurrence. See Points of Concourfe, Point from which refracted Rays, when by Refraction they are render'd divergent, do begin to diverge, or recede from each other. See Vireval Point

The fame Point is also call'd Punctum Differfus. See

Point of Differsion.
The Effect of convex Glaffes, or Lentes, is to render the The Effect or convex Giance, 66 Lennes, 100 Reports Rays, transfirited thro' them, convergent, and bring them together into a Foeus, which will be nearer or further off, as the Lens is a Portion of a greater or lefs Sphere. See

Convex, and Convergent. The Effect of concave Lenfes is to render the Rays tranf-

The Effect of concave Lendes is to render the Rays transmitted they them, discregar, or to disperse them from a Virtual Forsts. See Conteave, and Divergorns. For the Place, Position, Distance, &c. of the Foot of Rays refraided three Plain, Concave, and Convex Mediums of divers Duchites, as Air, Water, Gloss, &c. See Researches, &c.

FAACTION, GC,
The Laws of the Paci of Gidffer, and the Methods of finding the Euro, telap thesi of routi UE, and importance, if the Euro, telap thesi of mot UE, and importance in the Control of the Con

vided the Segment do not exceed 50 Degrees

The Rule or Canon in Plano-Convex Glaffes, is as roy 195: So is the Radius of the Convexity: to the refracted Ray taken in its Concourde with the Axis; which in Gaifles of larger Spheres, is almost equal to the Distance of the Fo-cus taken in the Axis.

3° In double Convew Glaffer of the fame Sphere, the Foof the Convexity, if the Segment be but 30 Degrees.

But if the Convexiries are unequal, or if the two Sides are Segments of different Spheres, then the Rule is, As the Sum of the Radii of both Convexities: to the Radius of either Convexity alone: So is the double Ra-dius of the other Convexity : to the Diffance of the Facus. Here observe, that the Rays which fall nearer the Axis of any Glafs, are not united with it to foon as those farther off: Nor will the Focal Diffance be to great in a Plano-Convex Glafs, when the convex fide is towards the Object,

as when the contrary way. Hence it is truly concluded, that in viewing any object by a Pisno Convex Glafs, the convex Side should be turned out-

a value carries for his mind by fisch a Glist, a variety and j, as alfo, in burning by fisch a Glist, or fisch a Glist, or for the Formal Focus observe, 19 That in Concave Glight, when a Ray falls from Air parallel to the Anu, the Virtual Focus, by its first Refraction becomes at the diltance of a Diameter and an half of the

ao in Plano-Concave Glaffes, when the Rays fall parallel

to the Axis, the Virtual Focus is diffant from the Glass the Diameter of the Concavity. 3° in Plano-Concave Glaffes; 25 107 : 193 :: So is the Radius of the Concavity, to the Diffance of the Virtual

4° In double Concaves of the same Sphere, the Virtual Focus of parallel Rays is at the Distance of the Radius of

But whether the Concavities be equal or unequal; the Vir-

But whether the Concavities be equal or unequal; the vis-tual Feers, or Point of Divergency of the parallel Rays is determined by this Rule; As the Sam of the Radii of both Concavities 1 is to the Radius of either Concavity: 1 80 is the double Radius of the other Concavity: 10 the dilatence of the Virtual Feers, 5° In Concava Childra, if the Point to which the inciden,

5° In Concarv Classife, if the Doint to which the incident, Ray converges, be dilitant from the Glasificarbot than the Virtual Facus of parallel Rays, the Rule for finding the Virtual Facus of this Ray is this; As the Difference between the Diffance of this Point from the Glass, as to the Diffance of the Virtual Facus : So the Office of the Virtual Facus : So the Concept of the Point is to the Diffance of the Virtual Facus : So the Virtual Facu

thanco of this Point of Convergence from the Units 18 to ten Diffance of the Virtual Four of this converging Ravy, 6° In Concare Gispfer, if the Point to which the inclent Ray converges, be pearer to the Glafs, than the Virtual Fa-eut of parallel Rays; the Rule to find where it croffes the Axis, is this; As the Excels of the Virtual Facus, more than this Point to the Concare of the Point Rays of the Point Rays of the Point Rays of the Point Rays of the Diffuser. of Convergency: is to the Virtual Focus: : So the Diffance of this Point of Convergency from the Glafs: is to the Di-

stance of the Point where this Ray crosses the Axis. Practical Rules for finding the Focs of Glasses,

To find the Focus of a Convex Spherick Gias, being of a finall Sphere, apply it to the End of a Scale of Inches, and Decimal Parse, and expose it before the Sun, upon the Scale you will have the bright Interfection of the upon the scale you will have the bright interfection of the Rays measurd out; or, expose it in the Hole of a dark Chamber; and where a white Paper receives the diffind Reprofentation of diffind Objects, there is the Focus of Glass

the Glais.

For a Glas of a pretty long Feens; observe forme distant Objects thro'it, and recode from the Glass till the Byo perceives all in Constition, or the Objects begin to appear inverted sheer the Byo is in the Feens.

For a Plano-Convex Glass: Make it restlect the Sun a-

For a Pimo-Convex Glufa, 'Make it reflect the Sun a-guint a Wally you will on the Vall proceive two Sents of Light; no more bright within another more oblieve r Witchins: the Cluffa from the Wall, the bright; no wide the Cluffa from the Wall, the bright is the Wall about the South Part of its ford Length, on the Wall about the South Part of its ford Length, The a double Convex Leport can Side to the Sun in litt manner; and observe both the Diffuence of the Cluff from the Wall. The fill Diffuence is about alt the Reduin of the Convexity turned firm the Sun; and the Second, about half he Edulus of the other Convexity.

Thus, we have the Radii of the two Convexities; whence the Focus is found by this Rule; As the Sum of the Radii of both Convexities: is to the

Radius of either Convexity: So is the double Radius of the other Convexity: to the Diffance of the Facus. Focus, in Catoptricks, is a Point wherein the Rays re-flected from the Surface of a Mirror, or Speculum; and by Reflection render'd convergent; do concur, or meet. See

MIRROR The Effect of Concave Mirrors is to collect the Rays falling on their Concave Surface into a Focus. See Concave Morrey

The Effect of Convex Mirrors, is to disperse the Rays falling on them, or render them more Divergent. See Con-Mirros

For the Lacut of the Foci of Rays refratled from Mir-ors, or Specula, fee Reflection, &c.
The Foci of Concave Glaffes are had by Reflection: For

as a Concave Mirror burns at the Diffance of about half the Radius of the Concaviry, 6 a Concave Glafs, being fuppord a reflecting Speculum, unites the Rays of the Sun, at the Diffance of about half the Radius of the Concaviry.

poi o a teresting openium, we taken of the Concessing, the Dillineer of losses of Georgia Convertibility. The Hilling Frankles at a general Method for finding the Pacie of Spherical Collisian of all thinks, both concess, and convex; capseld to any kind of Rays, either pastille, concessing the Concessing of the Concessing the Concession of Concessing on a given Plant in the Asia of a spherical Lens, and licital othereous made the lane Anglet. The Rate to the Stone of Refered On being given a point of the Concession of the Concess

Then, making CR to CO, as s to r for the Immersion of a Ray, or as r to s for the Emersion (i.e. as the Sines of the Angles in the Medium which the Ray enters, to their corresponding Sines in the Medium out of which it comes) and laying CR, from C towards O, the Point R will be and laying CR, from C towards O, the Fount R will be the fame for all the Rays of the Point O. Leilly, drawing the Radius PC, if need be, continued; with the Centre R, and Diffance O P firthe a piece of an Arch, interficing P C in Q. The Line Q R being drawn, final be parallel to the trificated Rays, and PP being made parallel dor-ton, finall interfect the Axis in the Point F, the Focus ught.

Or, make it, as CQ : CP : : CR : CF. Then will CF be the Diffance of the Focus from the Centre of the

This Author gives a Demonstration of the Method; and

"This Author gives a Demonstration of the Method; and adds various Figures, colhibring the various Carls of Ray, citized diverging, or converging, as they come, or emerge out of the Sentice their of a course or consume Jacon, and the Sentice their of a course or consume Jacon, and the Senting of the Carls of the Car Refraction do tend on, either Diverging, or Converging, as before: But if Q fall on the other Side the Axis, the Diverging Rays are made to converge by a Convex, or the before: Hu if Q, full on the other Side the Avil, the Diverging Rays are made to nowerspe by a Course, or Boreging Rays are made to nowerspe by a Course, or Boreging Rays are made to nowerspe by a Course, or Boreging Rays and the Course of the Sphere. C. Ber course; or Gibbs, at as the Generar of the Sphere. C. Ber course; or Boreging Rays are to the Course of the Sphere of the Course of the Sphere of the Course of the Glaid beyond the Vertex V. d^{μ} As Object may be fo pileacl, that the Rays are to than fair at Course of Glaff full have an imaginary Fauer transforming Grands of the Course of Glaff full have an imaginary Fauer transforming Grands of the Course of the Sphere, where of the Glaff, the Rainian CV, to CF, the Diffuses of the principal Fraction of the Course of the Sphere, where of the Glaff is a Segment. Of edde, as CQ is to O'P or RQ is SPC-CW Whence Gladers a General Rule for the Fair of all Glaiffust, only according to Gar s, if O'V do exceed CR, the Faur is on the lime Stock of the Glaff, a three course of the Sphere, whence follows a Green of the Sphere, when the Fauer is easily a transparent of the Sphere is on the Glaff, a three of the Sphere, whence the Fauer is the Sphere of the Glaff, a three three the East of the Timesphere.

the Focus be real, or imaginary.

What has been faid of one Surface of the Lens, is eafily what has been late of one ourned or the Deas, for an Object.

FODDER, any kind of Meat for Horfes, or other Cattle: In feme Places Hay and Straw mingled together, is ac-

counted Fodder coanted Fodder:

In the Civil Law it is us'd for a Prerogative that the
Prince has, to be provided of Cons, and other Meat, for his
Hoffes, by the Subjects, in his warlike Expeditions.

FODINA, a Name fome Authors give to the Labyrinth
in the Bone of the Ear. See Labrainstin.

In the Bone or the Law See Lawy 1971.

FORCAL, FORCAL, Soo FRCES.

FORCULE, Soo FRCES.

FORTOR, in Medicine, flinking, or feetid Effluvia, proceeding from the Body, or the Parts thereof. See EFFEU

Faters arife from flagnast, extravalated, corrupted, or pollon'd Humors; as allo from any thing capable of attenuating and volatilizing the Oil and Sales: As, Abflinence,

husting and volatilizing the Oil and Saits: As, Abinnence, Heat, too much Moison, Aerimony of Food, &c. Fouron Navison, Stench of the Noliris, a fort of Dif-est, arifing from a deer Uler, within fold the Nole, yield-ing a fartid Smell. Its Casle, according to Galen, in a tharp Hamor, falling from the Brain apon the Mamiliary Proceedis. This is one of the Cusles that annual Marriage. See Di-

vonce.

FOETUS, in Medicine, denotes the Child, while yet contain'd in the Mother's Womb: but particularly, after it is perfectly form'd: Till which Time it is properly call'd Embryo. See Estanzo.

Embrys, See Essenvo.

The manner of the Conception, or Generation of the Penn, is Matter of great Controvers.

That all the Parts of the Animal elid casift, and that its Eliads were in Motion, before Generation, is generally allow'd, but whether the Animalsule was lodg'd in the Male, the Control of the Co

low'd; but whether the Animakule was lodg'd in the Male, or Female, is not agreed of.
Many of the Moderns will have the Ova, or Eggs, contained in the Ovary of the Female, to be the first Matter, or Stamen of the Fermi Thefe Eggs, they suppose to contain the Parts of the Ferm in little; and that being impregnated with the Male Scod, the Parts thereof become en

larg'd, and display'd: From the Ovary they are convey'd by the Fallopian Tubes into the Uterus, where they receive their Impregnation, Accretion, &c. See Ecc, and Ovary.

Others will only have the female Ovum to be a proper

Nidus for the Animalcule, which, they contend, is in the Male Seed. The Animalcule getting into an Ovum fit or receive it; and this falling thro'one of the Tube Fallopiane into the Womb; the Humers which didil thro' the Veifels and the Wonley in the famines white child the Figs, fwell and
dilate it, as the Juice of the Earth does Seed thrown into
the Ground. Or clic, the Branches of the Veins and Arteries, whereby the Figs was tied in the Ovary, being
handen, keit with the Veifles of the Wonls. See GENE-

nation, Comerciation, Seep, Ec.

The first thing that appears of a Fastat, is the Placenta, like a little Cloud, on one Side of the external Coat of the Egg: a little Cloud, on one Sude of the external Coat of the Egg; About the fame time the Spina is grown big enough to be vi-fible; and a little after, the Cerebrum and Cerebellum appear like two final Bladders: Next, the Eyes fland promisent in the Head; Then the Punchum fallens, or Pullation of the Hear! is plainly feen. The Extremited difeover themselves laft of a

The Fatus, when form'd, is almost of an Oval Figure, while it lies in the Womb: For its Head hangs down, with its Chin upon the Breast: Its Back is round; with its Arms it embraces its Knees, which are drawn up to its Belly; and its Heels are close to its Buttocks; Its Head apwards, and its Heels are cloic to its Bettocks: Its Head apwards, and its Face sowards its Mother's Belly. About the ninth Month, its Head which was hitherto specifically lighter than any other Part, becomes specifically heavier; its Balk bearing a much smaller Proportion to its Subflance, than it did. The Consequence of this Change, its, that it rumbles in the Liquer which contains its last Head falls down, its Feet

get up; and its Face turns towards its Mother's Back. But being now in an irkfome Pofture, the at the fame time a favourable one for its Exit; the Motion it makes for its Relief, gives frequent Pains to the Mother; which causes a Contraction of the Womb, for the Expulsion of the Fature See Delivery.

indeed, what some Anatomists pretend to give of the Posture of the Fatus in the Womb, in the several Stages of

Foliare of the Fasts in the Womb, in the leveral Stages of Centrals, in sery processions.

Genthade, in sery processions.

Genthade, in sery processions, one of the list in the Womb: In the latter Momba, after the Fasts is grown as the stage of the Stage and the Stage in Edit as not easy the Nestern themselves feel, but also it is lift; as not easy the Nestern themselves feel, but also it list is a not easy the Nestern themselves feel, but also many and the stage is not in cellular procession. The stage is refused to the feel to the stage it is refused to the feel to the feel to the stage it is refused to the Col User's in the stage is the stage in the stage is the stage in the stage is the stage in the stage in the stage is the stage in the stage in the stage is the stage in the stage in the stage is the stage in the stage in the stage is the stage in the stage in the stage is the stage in the stage in the stage is the stage in the stage is the stage in the stage in the stage is the stage in the stage is the stage in the stage in the stage is the stage is the stage in the stage is the stage in the stage is the stage i presents the Heast to the Us Utern; the formetimes it of-ters the Feet first, and sopretimes size a-crois, and offers of-ther a Hand, a Knee, or the like; which are irregular Si-tuations, and without a deal of Adress in the Midwist in turning the Farts, both the Mother and the Infant are in Danger. See Parturion, &c.

The Firtus is enclosed in two Membranes, or Coats; th er, which immediately invefts the Fetus, and the Liquer wherein it lies, is called the Amnies: The outward Mem-brane is called the Covrion. See Annies, and Cronicos, In Sone Annies, the Covrion of the Membrane, called the Allaunist, whole Place is between the other two; and ferre for the Diklaunie, of the Unine of the Paris, brought history

by the Urachus Dr. Needbass feems to have discover'd fomething analo-

gous bereto in the human Fatus, and calls it the Membra-sa Urinoria: But others chule only to make it a Duplica-ture of the Checion; tho' the Necessity of such third Mem-brane be the same in Men, as in Cows, Sheep, &c. See There are fome Differences in the Structure, Mechanifm,

and Proportion of the Parts of a Ferus; from those of an Adult: And even some additional and extraordinary Parts; by which the Nutrition of this Zoophyte, or Plent Animal; and the Circulation of the Blood therein, are effected.

The principal Variations are about the Liver, Heart, and cargs. Of these the most considerable are the Umbited effect, which are two Arteries, a Vein, and Urachus, artifag from the Placenes, and convey'd thre the Navel to the Liver of the Fatus, near the Navel; which after the Birth drying up, become impervious and ufelefs. See Funicu-tos, and Unbilical Vessels.

Les, and Ossell-cal V vigen-In the Liver it felf is an extraordinary Communication between the Porta and Cava, call a Canally V eneglis, which since the Birth gradually dries up. In the Heart, at the Month of the Vena Cava, is the Framen Osale, whereby that Vein has a Communication with the pulmonary Veils: There is also a Communication between the Aorta, and Pul-There is also a Commenication between the Aceta, and Ful-monary Artery, by means of the Canadia' Arteriolia, which paffits between the two, at about two Inches diffance from the Bale of the Heart. This by means of their two Canali-or Faffiges, that the Blood circulates in the Farm while inclosd in the Womb; they ferring to convey and pafficient Blood from the Heart into the Arteries; and from the Veins late the Heart again, without passing through the Lungs, which are now whiles. See Circulation. The Lungs of a Fetts are of a darker Cole

The Langs of a Jesus see of a darker Colour, and clofe Confidence, than steen they have been been trued it may as a pick of the Colour of the

SPIRATION, &C.

The Head of the Ferns is much bigger in proportion to the Body, than afterwards: The Bones and Brain Inforer. The Seutres open, and leaving a great Space on the Top of the Head, cover douly with a Membrane; and the Gisads. on the riceas, over a only with a Membrane; and the Childs, particularly the Trypmus, and Results, bigger and forter. For other Differences in the Froportions, fee Essawo. Barrielin; in his Treatile De infolin; partiti virz, relates a great many flupendous Cales of Fattat's Dead and purified in the Words; the Fatts of which have made their

way thro' Apostemations; one whercof at the Navel was fome Years in coming away: And in the Philosoph. Trans-actions we meet with the like Instances; particularly, of one voided piece-meal by the Anns, feveral Years after Conception.

Conception.

Authors give Accounts of Farm's found in the Fallopian Tubes, and others in the Cavity of the Belly.

M. de S. Mauriee, in the Memeirs of the R. Academy of Sciences, relates the Hiftory of a Farm's form'd in the Ovary of the Morther; and which at three Months from Impregnation, burling the Telfslet, fored its Way through,

into the Epigaltric Region.

During the Rupture, the Mother felt all the Preludes of an imminent Travel; and calling her Chirurgeon, died in

his Arms, crying, I am delivering, I am delivering!

The Story of Margaret Council of Holland, who is faid The Stary of Margaret Councils of Helians, who is into have been delivered of 564 Fettiv's, all alive, and afterwards hapticed, commonly paffes for a Fable: And yet there is a Fidure of this notable Delivery filli prefer'd in the Church of Lofdune, as a Memment of the Truth there.

**Allegery Manual views a like ladges of a Monan.

**Identity Manual views a like ladges of a Monan. of. Albertus Magnut gives a like Inftance of a Woman, who brought forth 150 Fatus's, or Embryo's, all form'd,

who brought forth 150 Fetths's, or Embryo's, all form'd, and as big as the little Finger.

FOG, or Mivr, a Mercor, confifting of groß Vapouts, floating near the Surface of the Earth. Sec Varour. If the Vapours, plentility rais'd from the Earth, and Waters either by the fuller or subternacous Heat, meet, at 150 Meets have been a American with California and California (California California). Waters either by the lular or lubberraneous Heat, meet, at their first Entrance into the Atmosphere, with Cold enough to condenfe them confiderably; their fpecific Gravity heising hereby increased, their Afecti will be thogd, and they will either return back in form of a 'Dere, or driving light galanjour or remain fullpended, for finen time, in form of a Pg. See RAIN, and DEW.

Rains, and Daw. Fees are only low Clends; or Clouds in the loweit Region of the Air: And Clends are no other than Fegs: raised on the Control of the Air: And Clends are no other than Fegs: raised on the Control of th

FOIBLE, a French Term, frequently us'd also in our

Language.
It iterally figurines creak, and in that Score is applied to the Body of Animals, and the Parts thereof: As, faible Reins, foilds Sight, Ed., being derived from the Italian Freeda, of the Latin Flebilit, to be lamented, pitted.
But it is chiefly un'd with us fubilantively; to decone the projected Defel?, or Flats in a Perfor on "Thom." Thus we

Bur It is chiefly ard with us fishbitatively to d'Lus we principal Defect, or blank with us fishbitatively to d'Lus we principal Defect, or blank with us fishbitatively to d'Lus we fish is hidjus jet artilly! Princes are guilt by Elenzer, that is their Fishler. The Fishler of young People is Pleasure The Fishler old Mue has Avries The Fishler old Mue has Avries The Fishler of Mue has the Great and Learned and Affection of laveing Gallinett You finall know the Force, and the Fishler of a Mue, before you cample him: We fhoodd not let People perceive that we know their Fishler.

FOL, a Sheet of Tin, Quickfilver, or the like, laid on the Backfide of a Looking Glass, to make it reflect. See

The Wurd is form'd of the Latin Folium, Leaf-FOILING, among Hunters, is the footing, and tre of Deer, which is on the Grafs, but fearee visible. and treading FOLDS, in the Manufactures, fco PLAITS, CLOTH,

Folis of the Drapery, in Painting. See DRAPERY, FOLIA, in Botany, is used for the Leaves of Plants and Flowers, but particularly the former, The Leaves of Flowers being more properly called Petala. See Leaves.

POLIAGEIM Espansium, in Anatomy, is that Extreme
of the Fallopian Tube, next the Ovary; and which is expanded like the Mouth of a Trumpet, and invitored with
a fort of Fringe. See FALUSTAN Tube.
FOLIAGE, a Cluster, or Affemhisge of Flowers, Leaves,

PRIMATE IS particularly si'd for Repredentations of fuch FPLIACE is particularly si'd for Repredentations of fuch FFLOWER, Leaves, Branches, Rinds, 50°, whether Natural, FROMENTAL, FRIZES, 50°, CHIMOUS, 50°, CE CAPITAL, FRIZES, 50°, FROMENTAL, FRIZES, 50°, FROMENTAL, FRIZES, 50°, Composition of functhing which will firmly address to the Back of the Childs, and there reflect the Image. 50° Mina-

This is called the Foil, and is usually made with Quick-

filver, mix'd with fome other Ingredients.

For the Method of Feliating Looking Glaffes, see Look-NO GLASS.

In Philip! Transaft. No 245 we have a Method of fo-liating Globe Looking Glaffes, communicated by Sir R.

Southeesth, Charles in of Quickiner, and Mutchaffe of Sil-The Carle Attention to Guice and The and Lead, of each half an Oance: To their two fift there as the Mutchaffer, and lift of all the Quickifers. Six them well together over the Fire; but they must be taken off, and be towards conling, loften be Quickifers. Six them well together over dery Bur it will do allo when it is cold, the best when the Cais is bettend.

FOLIATION, in Boston, Cais is wid by D. Geren, to ex-gect the Allembarg of the Fisia, or Tenla of a Flower.

Sec PETALA-The Foliation is the most conspicuous Part of Flowers, being that Collection of fugacious, colour'd Leaves, which constitute the Compas, or Body of the Flower. See

FLOWER It is of great use in the Generation and Preservation of the young Fruit, or Seed: It filtrates 2 fine Juice, to nou-rish it in the Uterus, or Pistil. See Generation of

zrantf.
In fome Species, as Apricocks, Cherries; &c. it likewife ferves to guard the young tooder Fruit from the Violence of Wind, Weather, &c. fee their being of a very tender, and pulposs Body, and coming forth in the colder Parts of the Opening, would be often injured by the Extremities of Weather, if they were not thus protected, and lodged up with-

in their Flowers.

Before the Flower opens, the Foliation is curiously and artfully folded up in the Calix or Periantheum. See Ca-

Dr. Grew enumerates feveral Varieties of these Folding wis. the Clofe Couch, as in Roles; the Concave Couch, as in the Blattaria flore albo; the Single Plait, as in Peale Blofoms; the Couch and Plait, as in Marigolds; the Rowd, as Ladies Bower, &c.

FOLIO, fignifics Page. See Page. Thus Folio 7, wrote shridgedly Fo 7, denotes the feventh

Page, Sc.
Polio Rello, or Fo Ro expresses the first Side or Page of a Leai Folio Verfe, or Fo Vo the second, or back fide of the

The Word is Italian, and literally figuifies Leaf.
Folio, among Bookiellers. A Book in Folio, or fimply, a
Folio, is that where the Sheet is only folded in two, each

Leaf making half a Sheet-

Leat making fail a Sheet.

Beneath the Felia are the guarra, Offave, Duodeeimo,
Stateeut, Traesty fours, Rec. See Boon.

FOLIUS Indiatorium, or Indiam, callid allo Thomatapairra,
and Muldatorium; a Leat brought from the Indias, growing chiefly about Canabya, proceed by a Tee on wolke
the Lemon Trees wid in the Composition of Fourac Trees.

See Transactis.

FOLIUM Cariophyllatum, or Clove Leaf. See CLOVES.
FOLK-LAND, in our sntient Saxon Cuffoms, denoted
Copybold Lands. See Copynold.

In opposition to these, Charter Lands were called Boc-lands. See Boc. LAND.

Fundus sine scripto possessus (fayo Somner) censum pen-sitans anunum, & officiorum servitusi obnoxius: Terra

popularis.

FOLCMOTE, and FOLKESMOTE, omong our Saxon Ancestors, fignified, according to Lumbard, two kinds of Courts.

One, now called the County Court: The other, the She-riff's Turn. See County Court, and Tunn.

The Word, Iays Store, is fill in use among the London-ers, and fignifics, Celebrem ex omni Civitate conventum. But Manroed Jay, it is the Court holden in London, where-in all the Folk and People of the City did complain of the Mayor and Alderman for any Milgovenmence.

Somner, in his his Steen Dictionary, makes it a geral Affembly of the People, for confidering and order g Matters of the Commonwealth. Omnes process regni milites & liberi bomines univerfi totius Regni Britannia ing Ma E muttes & tibers tommei auvorji teluti kegut Brisbande facere dobut in plane Rationoto fidelinatem Domino Rezi, coran Epifepis Regni. In Leg. Edw. Confaf. cap. 55. Est amplitus non fit in Hollinga, Miskeminga, i. c. ipeaking amlia seque in Folkelinote, weque in alis plactis infra Civitatem. Charta H. 1. pro London. Du Lange.

When this great Affembly is made in a City, it may be call'd a Burgemet; when in the County, a Shiregemet.
Cam aliquid vero inopinatum & malum contra regium vel contra coronam Regis emerferit, statim debent pulsatis compauri, qued Anglice vecatur Amorbel, convocare counts & univerfes, qued Anglici vecaus Folkmote, &c. Leg. Al-

fred. FOLLICULUS, among Gardeners, the Seed-Veffel, Cafe, Coat, Hufk, or Cover, which fome Seeds and Fruits have over them. See Faurr, and Sain.
FORLICULUS Fellis, See VESICA Bilaria.

FOLLIVA according to Mr. Look, confifs in the drawing of filling life Conclusions from just Principles; by which it is diffiguished from Madaels, which draws just Cenchistons from fulle Principles. See Manniss.
FOLMHAN, in All Principles, See See of the fart Mag-POMHAN, in All Principles, it is a fill to be found to the first Mag-POMHAN.

nitude, in the Conficliation Aquarius. Its Longitude is 329 Degrees, 17 Minutes, Latitude 21 Degrees, 2 Minutes. See

FOMENTATION, a liquid Medicine, applied on any

Fomentations are either Simple, or Compoud Simple FOMENTATIONS are those made with luke warm Water, Milk, Oil, Oxicrat, or other the like Liquor.

Compound Fomentations are Decocliens of Leaves, Flowers, Seeds, made in common Water. Leaves, Flowers, Seeds, made in common Water, or other proper Liquor; to which are femetimes added Sales, Axun-giz, Oils, &c.

girs, Olis, Ge.

To use, or apply them, they dip a hor linen Cloth, or
To use, or apply them, they dip a hor linen Cloth,
Flamel in the Liquer, and spread it on the Fart affiched.
There are also Fomentations made another way 5 vize. by
There are also Fomentations made another way 5 vize.

The Rose and then applying cm.

boiling certain Drugs in linen Bags, and then applying 'em Bags and all, on the Part.

There are also a fort of dry Fomentations, being Bags fill'd with Medicines, but not beil'd, only fometimes sprin-

kled with a little Wine or Brandy. The Intention of Fomentations is to refeive, dikufs, foften affuage, fortify, confiringe, &s. the Parts they are applied

Fementations are also called Local Bashs, or Partial Ba-things; because, being applied on a difeased Part, they have much the same Effect as a Bath, or Half-bath has on the

much the lame letter as a both, or Hair-bath bas on the whole Body. See Barri, and Barriton.

FONTI, or Baptifinal Four, a Steme, or Marble Vesfel, at the lower End of a Farifi Church, ferring to hold the Water, to be used in administring the Sacrament of Baptifin. See Barrison.

tifm. See BAPTISM.

A Baptifmal Font is the Character of a Parish Church

Its Place, at prefent, is at the Betrem of the Church, or in a little Chapel within the Church. Antiently, it was placed in a little Church, diffinct from the great one, tho placed in a fittle Colorca, distinct from the great one, the near to it, called the Baptiflery. See Barristrary. It was a common thing, during the first Ages of the Church, for the Baptifmai Foots to be fill'd miraculously, at

the time of Easter, which was their great Baptaing Scalon.

Baronius gives divers Instances of these miraculous Fosts,

Hardening free circles instances of free free free and free in the Years 417, 554, and 538.

Pofferins B. of Lilybum, who wrote in 445, observes, that in the Year Four hundred and seventeen, under the Postificate of Softman, there was an Error committed in the time of celebrating Eafter; it being held on the 25th of March, in lieu of the 22th of April, which was the Time it was held on at Conftantinople. He adds, that GOD was ir was held on at Confinantinople. He adds, that GOD was pleased to flow the Error in a very convincing manner, by the Fourt of a certain Village, which always and to be mi-raculously filled againt Faster; and which, this Year, were not full till the 23 of April. See Tillemons Hill, Ecolef, T.X. p. 458, and 679. Gregory & Tours, p. 320, 316, 6, 950, 1063. 'FONTINELLA, in Chirurgery, a ge

FUNITIOLIUS, OF FORTINELLA, IN CHITUTEGE, A go-neral Name for lifue, Scitons, Caueries, and other fimili-artificial Difcharges. See Issue, Shaton, Cauter, Ec. The Word is a Diminustruo of Feez, Founcis.—— FONTINALIA, or FORTANALIA, in Antiquity, a reli-gious Feath, held among the Remnast, in honour of the Del-

ties who prefided over Fountains, or Springs.

Varro observes, that it was the Custom to visit the Wells Farre charres, that it was the Cuttom to with the Weise on these Days, and to call Cowens into Fountains. Scali-ger in his Conjectures on Farre, takes this not to be the Feast of Fountains, as Fights infinances, but of the Foun-tain which had a Temple as Rome, near the Forne Coye-mo, call'd allo Porta Farrinais: Its adds, that its of the property of the Conjecture of Fountain George focaks in his II Book do Legib. The Fou-tinslia were held on the 13th of Ottober.—

mental were held on the 13th of Unitary—The TOODs, of Assures, is whatever in taken in at TOODs, of Assures, is whatever had other Visions, and converted into the Matter of the Body, to replay, of Engly what is foren, or wasting, See Drossraton.

The Changer which the Food undergoes, before it become a 2ten to our Body, are if Maffactating at "Digitalization of "Digitalization" of "Digitalization" of "Digitalization" of "digitalization" as "Digitalization" of "digitalization" as "Change Italization, Concoversion, C LIFICATION, NUTRITION, &c.

Food is of two Kinds, vie. Efculents, or Meat; and Po-lents, or Drink. See Esculent, Drine, Wine, Malt tulents, or Drink. Se Liquors, WATER, &c.

The first Foods of our Great Foresathers, were Water, and the spontaneous Productions of the Earth; with which whole Nations sustain themselves to this Day.

Tulpius, Obl. 14. 10. notes, That Men antiently fed af-er the fame rate as other Animals; and lived of Hay and forn. By degrees they came to the Humors or Juices of certain Beaths, as Milk; and at length they commenced Car-micerests, and devour'd the Parts of the Animals themselves.

See Carnivorous.

The Variety of Poods, it feems, does not make any Deficence in the Subtiance, or Actions of the Bodies fuffain'd thereby; the Viscora having a Power of altering and the Company of the affimulating them, however beterogeneous, into one fimilat like themfelves. See Assimilation.

The Difference in Foods confifts principally in this, that and a first more native digelled and affirmlated, than others; and affird more nutritious Juice, than others: To which end it is, that the divers Kinds of drefling have been invened, vis. to difford the Matter for a more cally and plential Affirmlation. See Da assistor.

The beef of the control of the Matter for a more cally and plential Affirmlation. forme are more eafily digefled and affimiliated, than others;

plennial Affinitation. See Daxassucy— The beth, most limple, and light of Digettion are thefe Fadd preparal of Framentation, and Legaminous Socials, Fadd preparal of Framentation, and Legaminous Socials, memoral, blackd, 165. See Baxas. Pariss, Petals, Beans, Verbler, Gr. Allo green Flason, and Fet-herbs, as Lettice, Bect. Fring, 165. See Saxass. Fariss, as Apples, Paras, Ber-ries, Flambs, Cherries, Gr. See Favir. Add the lean Tarse of Asimals, Birds, Filhes, Indica, 165. preparal by

Farse of Animals, Birds, Filhes, Inicias, Ec. prepara op Bulling, Balling, Society, Society, Soc. And yet for different Instantion, different Hinds of Food are required if Thus band, day, thick, Levey, tracking Food of the Company of the Company of the Company of the Ec. and dist, light, humid, simple Food to the, ree per-ationes. Again, or the West, visitediary, full-dive, and Ecdemary, thele Food are belt, which are cither by Art, or Names the material to Gibbs, at Mile, Broaks, 46c. Names the material to Gibbs, at Mile, Broaks, 46c. Names the material of the Company of the Company

Conflitution inclines to be alcaling Some will have it, that Iron, Metals, Minerals, &c. may

Some will have it, that Iren, Metals, Minerals, &c. may by a proper Preparation become Food 5 on which accounts Decochions of Gold, Chalybeat's, &c. are cried up: But "vis cerain, that no fach Marter can over the affirmitted, and become Part of our Body. They may aft on the Blond, and the Blood Veffels, by their Weight, Impetus, &c. and on that account, may be of ale in Medicine, but not as Food.-

A due Regulation of the Quantity, and Quality of our Food; and a nice Adjustment thereof to the concessive Powers, would be of the utmost Consequence to Health and ing Life. See HEALTH.

What we expend in Motion, Excretion, Effluvia, &c. is What we expend in Motion, Exercison, Eminyal, Co. is but a determinant Quantry; and the Supply Roual only keep pace with the Expence. A just Proportion of the raw owald probably preferre us from acute Dilitempers; as it certainly would from chronical enes; Most, or all of which proceed from Repletion, as appears from their being cured

by Evacuation. See Evacuation.

The Qualities of Foods, as to Easiness, or Difficulty of Digeffion, Dr. Cheywe thinks, may be determined in all Cases

from these three Principles.

1º That those Subilances which consist of the grossest Parts, are hardest of Digestion; by reason their constituent Parts souch in the most Points; or have the greatest Quan-tity of Contact, upon which their Cohesion depends. See

2º That those Substances, whose Parts are brought tog ther with the greater Ferce, cohere proportionably cloter, and are the more difficultly forgated.

5° That Salts are very hard to be digefted; because united by plain Surfaces, under which they are always com-prehended: Hence, in the last Stages of the Circulation,

where it is flower, they readily shoot into larger Clusters, and to are hard to be driven out of the Habit.

From thefe Principles that Author infers, That fuch Vegetables and Animals, as come fooned to their Growth, are

gezbles and Animals, as come founds to their Growth, are capter of Disgleine, has thole long in studieng to Mana-nys The families of their kind, knozer than the larger The families of their kind, knozer than the larger Theory of the parameter Though the state of their property for a parameter Though the parameter of their fourtee, fourth than those of a redder Though of a fadir, mild, and forcer, fourtee than those of a rich, from glogary paperam, remov-ter Tarles I Land Animals, than Sex Animals, Animals that there on light, regressible Ford, than the Go made and heavy Fadir paint drefall Ford, thus what is pickled, kind, but Not the control of the state of the state of the state of the hard work of the state of the state of the state of the hard work of the state of the state of the state of the hard work of the state of than roaft, &c.

The fame Author adds, that Abstinence, and Exercise most concur with the due Food for the Prefervation of Health; and that where Exercise is wanting, as in fludious Persons, the Defect must be supplied by Abstinence. See Answer

and Exercis

NENCE, and ENERGISE.
FOOL, according to Mr. Lock, is one who makes faile
Conclusions from right Principles; by which he is diffiguilt'd from a Madman. See Manness.
Dr. Willit relates, That upon difficking of a Fool, the
principle Differences found between him and a Man of
Sentle, were, that the Brain was finallers, and that the Cersical Broans found of the Intercollal Nerve, whereby the Correspondence between the Brain and Heart is effected,

The Reptile Kind, as Serpents, &c. have no Feet. See REPTILE

REPTILE.

The Merchants would perfeade us, that the Bird of Faradice has no Feer; that when it fleeps, it hangs by its Wings; and when it feeds, by its Bill: But the Matter is, they cut them off, that the Bird may be thought the more extraordinary. Others fay, 'its for fear they flouid spoil. c Feathers, which are very beautiful.

Lobsters have twelve Feet; Spiders, Mites, the Feathers

puts, eight; Flies, Grafhoppers, and Butterflies, fix Feet.

Galen has feveral good Oblervations on the wife Adjudment of the Number of Feet in Men, and other Arismals,

ment of the Number of Feet in Men, and other Animals, in his Book De Ufis Part. L. 3.

The Fore-feet of Moles are admirably form'd to dig, and fearth up the Earth, and make way for its Head, 5%-In Water Fowls, the Legs and Feet are excellently adapted to their refpective Occasions and Manners of Iving. In fach, as are to wade in the Rivers, the Legs are long. and bare of Feathers a good way above the Knee: Their Toes also are broad; and in such as bear the Name of Mud-lackers, two of the Toes are somewhat jointed, that they

linkens, row of the Toes are formewhat joined, that they may not easily fisht in walking span beggy Flaces. Others are orderly forted, i. c. have their Toes webbed orgether, as the Goods. Duck; Get. And its pretry enough to great the control of t

Foor, in Anatomy, or the great Foot, is the whole Ex-tent from the Jointure of the Hip, to the Tip of the Toes; as the Hand is the whole, from the Shoulder to the Fingers

Ends, See HAND.

The Pes magnus, or great Foot, is divided into the Thigh, the Leg, and the Foot, properly fo called. See

THIGH, LEG, &c

Its Bones are the Femur, or Thigh Bone; the Tibis and Fibris for the Long; and these of the Toribs, Mesta-citis, and Fingers. See Fearus, Tinia, Sc. Its Arteries are Branches of the Crural Artery; and its Veins terminate in the crural Vein. See Caulal.

Veins terminate in the crural Vein. See Chura. A.s.,
Of these there are five principal once, wise, the Saphema,
great and little Illehiade, the Mildelusi, Trephiness, and
Surveis. See each under its proper Article, Sariman, 25c.
The Leffer Fow, or Extremity of the Fort, which is the
Fow property to call'd, confiles of three Parts, wis, the Virfit, the Space from the Ankle to the Body of the Even
adversing to the Will in the Handt The Mintatorija, the
adversing to the Will in the Handt The Mintatorija, the

anwering to the writt in the Handt 1 in the headings, in Bedy of the Fort to the Tocs, and the Digiti, or Tocs.
Each of thefe Parts confilts of a great Namber of Bones, as the Calst, Talus, Camelgiorum, and Calswider. The Bottom of all is call'd the Sole, or Planta Pedis. See Tar-

tom of all is called the Sole, or William Trains. Oct. and suss, Markardsens, Calle, Ker. Foors, in the Greek, and Latin Poetry, the Mette, or Mediare of the Verfe. See Markards, and Verress. First are composed of a certain Number of long and finer Syllables. See Quantum. Title Spander, Jamine, Treebee, and Pirrbie, of two cultables seeks.

The Speak, Janabell, Molell, Tribrach, &c. of three Syllables, See Speaker, James C. Dacyel, &c. of three Hexameter Veries conflict of fix Feet, Pentameters of Hexameter Veries to American and Pantameters.

Syllables, one consumer of the Ferry. Framemeter of Electroness when we was consumer and Party Ferry and Electroness and Party Ferry to be Jambus's, in regard they were even-lar Mixture of Spondees in the uneven Feet, Verse the more solemn and noble. uneven Feet, render'd the The Comic Poets, the better to difguile their Verfe, and make it more like Profe, rook the contrary Courfe; putting

Spondees, where the Tragic Poers would only have allow'd Jambus's.

Foor, is also a Measure, confishing of twelve Inches. See The Foot-long is divided into twelve Inches; and the Inch

into three Barley Corns. See Incst, &c., Geometricians divide the Fest into ten Digits; the Digit

into ten Lines, &c. See Distr, &c.

The French divide their Fest like us, into twelve Inches; and the Inch, into twelve Lines. See Line, &c.

The First Jaure is the lame Measure, both in Length, and Breadth; containing 144 square, or superficial luches. See SQUARE.—
The Cubic, or Solid Foot is the fame Measure in all the three Dimensions; containing 1728 Cubic Inches. See Curr,

and Cusic. The Foot is of different Lengths, in different Countries.

The bot is of different Lengths, in different Countries. The Paris Reyal Fost exceeds the English by (view Lines and a half: The Amient Reman Fost of the Capital, con-filled of four Palms; equal to cleven Inches, and leven Tenths English: The Rhineland, or Leiden Fost, by which all the Northern Nations go, is to the Reman Fost, as 970 to 100c—The Proportions of the principal Fast of (event) Nations, compard with the English and Franch, are as Nations, compard with the English and Franch, are as follow.

> Theaf.Parts. F. In. Li.

> > 970

10

Foot 967 Foot Foot 1560 Foot Foot 965 Foot Foot Foot Foot

The English Post being divided into 1000 Parts; or into 12 Inches; the other Fest will be, as follow;

Thouf. Parts.	F. Inch. Li.
London - Foot 1000	o 12 o Toledo - For
Paris - the Royal Foot 1068	r co 8 Roman - Foo
Amsterdam - Foot 942	o 11 3 Bononia - Foo
Antwerp - Foot 946	o '11 2 Mantua - Foo
Dort Foot 1184	o oz 2 Venice Foo
Rhinland, or Leyden - Foot 1033	1 00 4 Dantzick - Foo
Lorrain - Foot 958	o 11 4 Copenhagen - Foo
Mechlin Foot 919	c 11 o Prague Foo
Middleburg - Foot 991	0 11 9 Riga Foo
Strasbourg Foot 020	0 11 0 Turin - F00
Bremes - Foot 964	o 11 6 The Greek - For
Cologu Foot ass	o 11 4 Paris Foot, by Dr. Bernard -
Francfors on the Mayn Foot 048	o 11 4 Old Roman - Foo
Spanish - Foot 1001	0110

The Paris Foot being suppos'd to contain 1440 Parts; the rest will be, as follow. Paris Foot 1140 Rhinland Foot 1201-3 Roman London Foot Foot 1350 Swedift Foot

Danill Foot 1403 Foot Y 540 Constantinopolitan 3110 1682 Foot Resonias Foot 1282 Strasbourg Norimberg 1346 Dantzick Foot 1210

Foor Rule, fee Rule.

Foor Level, an Instrument, which serves to do the Office both of a Level, a Square, and a Foot Rule. See Lx-

face been of a Level, a Sugara, and a For Raic. See Lat-VLL, SQUARA, Ed., The Proper Properties of The Journal of the Con-Tine For Level, seem as Inch best of specing and flaming like a two for Rele.

Their Branches are hollow? half vay up the false of each, to receive a line of Tongose, or this piece of lines. They are the contract of the Contract of the Con-trages in fact, have when the End of it is placed in the Tranges in fact, have when the End of it is placed in the it, the two Branches will find at Right Angles. The tile It, and the Contract of the Contract of the Contract of British by means whereoff it does the Office of Sequen-tics. a little hole, wherein is faiten'd a Line with a Flummer; which falling on a perpendicular Line, drawn on the Tongue, shows whether any thing the Instrument is applied to, be

level, or not.

ievel, or not. Foreft, Pes Forefte, in our antient Cultoms, Foor of the Foreft, or 12 of the cammon Fest.—
Notandam of ft, quad Fes Forefte affests sempore Ric. Oxfoll, in Arrestations Falterum, fallus of, figurate Sequipus in parities Canada Eccleft de Edwynflow, Sin Ecolefia Beate Marie de Nottingham : Et dictus Pes cos tinet in Longitudine offedecim pollices, &cc. Ex Regist.
Abb. de Novo Loco in Com. Natt.

Foor Pace, Half Pace, or Landing Place, See STAIR Cafes.

Foor Bank, or BANQUETTE, in Fortification, is a fmall Step of Earth, on which the Soldiers fland to fire over the Paraper. See BANQUETTE.

Foor Gilde, was an artient Americament, for not cut-ting out the Balls of the Feet of great Dogs in the Foreit; which was done for preventing their running after the King's Deer; and was called Expeditation. See EXPENTATION. Foor Husks, among Gardners, are short Heads, out of

Mother Flowers grow.—
FOR AMEN, in Antenny, a Name given to certain Heles
FOR AMEN, in Antenny, a Name given to certain Heles
FOR AMEN Ocale, or FOR AMEN Botalii, an Oval Aperture, or Passage thro' the Heart of a Feetss, which closes
- The Minch Person

up after Birth.
It arifes above the Coronal Veio, near the right Auricle:

and paffes directly into the left Auricle of the Heart. See

The Foramen Ovale is one of the temporary Parts of the Fectus; wherein it differs from an Adult. It leaves for the circulating of the Blood in the Fectus, till fuch time as the Infant breaths, and the Luogs are open'd. See Forres, and Lungs. Its Use was first exactly describ'd by Lean. Botal of Affa

In Use was fift exactly described by Leon. Described we say in Pickmourt, in the Year 155c; who tracing the Couries and Patlages of the Blood, afferted the Forence Ocule to be see, whereby the Blood in Ferna's was conveyed from the right Ventricle to the left.

The Modern Anatomitis than to the Discovery, and the Couries was conveyed a non-necessity allowed a north necessity allowed a north necessity allowed.

the Foramen Ovale is now generally allow'd a part necel-fary in the System of the Circulation of the Blood in the

fary in the System of the Circulation of the Blood in the Ferus. See Chaculation.

At the Aperture of the Forances, there is a kind of floating Membrane, which looks like a Valve; but has nothing of the Office thereof: It does not hinder the Blood from paffing from either Auricle to the other. All it ferres for, according to Mr. Winfors, is, to close the Forance after the

It has generally been thought, that the Forames Ou It has generally been thought, that the Forames Orale might forestimes remain open, even in Adults: And in effect, divers Authors familie us with Instances thereof. Dr. Comor affures us he found it but haif clost in a Girl of four or five Years old; and in another Girl which he open d at Orlford, there was Roem left to thrust a Tent hard. Differt. Med. Thyf. de Sup. Of. Cost.

The accurate Mr. Compar adds, that he has often found the Foramen Ocule open in Adults. Anat. Append. Fig. 3, And the Paris Anatomitis observe, that in a Sea Galf the Foramen Ocule is always open, by which means it is en-abled to first fo long under Water.

Somewhat of this, too, is suppor'd to have been the Cafe the extraordinary Recoveries of divers Persons drown'd.

Somewhat of this, too, is upped to have been the Cale
in the extraordinary Recoveries of divers Perfons drown'd,
hang d, Sf.. See Haweing, and Drowning.
But Mr. Glogiden ventures to fer adde all thefe Authorities; and contends, that the Promew Ocale is neither
open in any Adult Land Animals, nor in Amphiblious Creatures.

Creatures. When he first applied himself to Dissection, he tells us, he had no Distruct of the frequent Accounts in Authors of the Forenza being open: But he afterwards found that he missed the Chium of the Corquary Veins for the Forenza and the like he imagines other Authors to have done in affert, that it is always open in amphibious Animals: For that upon a diligent Enquiry into these Animals, he could never find it open in any.

Neither does he think that fufficient, to enable those

Neither des 'he tilskt that fufficient, to enthe those Constarte bir sander Wang, an he Fasse does in Uters. Constarte bir sander Wang, an he Fasse does in Uters. 20th. 7-895 (Test. L. W. c.).

20th. 7-895 (Test. L. W. c.).

10th. 4 Membrane Symptom, to Drum in the Edu; a Membrane Symptom, to Drum in the Edu; a Membrane Symptom, the Constant of the Constant is more critices, when Uters affect the Dates, by the E-man of the Constant of the

gen at wind, upon the Patient's flopping his Note and Mouth, and forcing the Wind by the East, thin by any A-matomical Infoction. See Transavau. Fea Amen Lacryme, fee Dena Maire FORCE, Yie, or Powns, in Mechanicis, Philosophy, &c. See Vis, and Powns. Airestive Forces, ATTRACTION. Repelling Force, ELASTIC. Elastic E ORCE. FORCE of Gravity, FORCE of Cobesion, Central FORCE, GRAVITY. COHESION Scc CENTRAL. CENTRIPETAL. CENTRIPUGAL. Centripetal Force, Centrifugal Force, Force of Inallivity, Vis INERTIE. RESISTANCE.

Resisting FORCE, Retarding FORCE, RETARDATION Researang FOLG. G. .

Receivers for FOLG. G. .

FOLG. in Common Low, figures an Offence, by which inches is either Sengle, or Phings.

Force is either Simple, or Compound.

Simple Force is that ble, man other Crime adjoin'd.

outspie revet is that which has no other Affine Adjoind to it: As if one by Ferre do outer into another Man's Poficifion, without doing any other unlawful Act.
Mix'd, or Compound Ferre is that Violence committed with fach a Fact as of it folf only is criminal: As if any by Force enter into another Man's Poficifion, and there kill a

an, or ravilh a Woman, &c.

Perce is also divided into True Force, and Force after

a ferr.
There are other Branches; as foreible Entries, foreible
Determing, or Holding; unlawful Affembly, Routs, Rivis,
Rebellions, Sc. See Foreible Entry, Foreible DetainAffemble, River, Ed.

ing, Une Awrut Affembly, Rior, &c.
Fonce, in Grammar, and some other Arts, is applied to
fomething which stands in licu of, or has the same Essect another

In our Language, the f between two Vowels has the Force of a z, and is fornetimes put for a z: As in Horison, Baptiling, &c.

In Hebrow, the Dageleb; and in Arabic, the Teldid, have the Force of a Letter suppress'd. A Figure before a Cy-pher, has the Force of ten.

pher, has the Force of ten.—
FORCEFS, Pair of Tongues, a Chirurgeon's Infitument, wherewith dead, and corrupt Parts are fois'd, cut,
or pulled off, &c. As also foreign Bodies extracted out of
Wounds, &c.

Weards, 5c.
They are of divers Forms, long, crooked, with Teeths, with Braks, bull-mone, d. &c. See Spreurum.
FOR CIBLE Entry, a violent, actual Entry into a House or Land, 5c. or a taking Diffres of any Perion, weapon'd, whether he effer Violence or Hart to any Perion there, or faringthy drive any out of the Possician thereof, or not. See

For CIBLE bolding, or detaining Poffersion is a violent Act of Refishance, by a strong Hand of Men, weapon'd with Harness, or other Action of Fear in the fame Flace, or else-where, whereby the lawful Entry of Justices, or others, is barrd, or hindred.

PORDICIDIA, is Antiquity, a religion Feath among the Remant, held on the thirecents of Lipstite, to Con big with Call, and each, I sky or factifice, by rection Conwards and the Call, and each, I sky, or factifice, by rection Conwards represent factificate to the Godded Fillut, or the Earth. Partia, a Conward to City, in the Carlot of the Conwards of Carlot, and Carlot of Carlot, and Endoughed the Same Intelligence of the Carlot, and Endoughed Fillut, and Endoughed Carlot, and Endoughed Carlot, and Carlot, and Endoughed Carlot, and the Carlot, and Endoughed Carlot, and Carlot, and End

the Beams upon the Second Deck.

Fore Caffle of a Ship, is that Part where the Fore-matt Rands: It is divided from the reft of the Floor by a Bulk-head; that Part of the Fore Caffle which is aloft, and not in the Hold, is called the Prow-

and not in the Hold, is called the Provi-For a. Milf of a ship, is a round large piece of Timber, flatted, in her Feye Far, on which is born the Feye Sul, and In Length is intuity of the Main Math. The Ferr-Tip-Math is half the Length of the Feye Math, and the Feyer-Specializer Math is half the Length of the Feyer Tip-Math. See Gartansy See See See See See See intuition on time the See: See Cartansy Reint of Land intuition out into the See: See Cartansy.

FORELAND, or FORENAM, HIPATINGARDA, putting out into the Sea. See Care.

FORELAND, in Fortification, is a finall Space of Ground between the Wall of a Place, and the Moat, call'd also

Berme. See Berme.

Herms. See Brann.
Forntocas in a Ship, are little flat Wedges like pieces
of Iron; sa'd at the Ends of Bolts, makeup them from flying out of the Piolos. See Bort.
Forn Sell, the Shil of the Fore Mail.
Forn Sell Sell, among Existence, See. See Smortening.
For Sell Sell, among Existence
Line and Sell Sell.
Forn S

with it.

FORE Skin, fee PREPUER, is when an Officer of any Court is banish'd or expelled the fame for some Offence, or, for not appearing to an Action by Bill fil'd against him 3 and in the latter he is not to be admitted to officiate, till he appear to the Bill, Anno 2 Hen. 4. 5. 8:

He shall loofe his Office, and be forejudg'd the Court, So.

He man some an orace, and be prepared a me court, co-foriadicare, interdum eft male judicare. Spel. FOREIUDGER, in Law, fignifies a Judgment, whereby a Man is deprived, or put by the thing in queffion.

For mcLos'D, in our antient Law Books, fignifies barr'd, not out, or excluded for ever. FOR EFGOT, in the Sea Language, is when one Veffel fails, or lies a-crofs another's way.

As if two Ships being under Sall, and in Ken of one another, one of them lies in a Course with her Stern so much a weather the other, that if both hold on, the windward Ship will run out a-head of the other. Such Ship is faid

to lie with the others forefoor.

Tho', as foon as flue has pass'd, they fay, she is gone out

FOREIGN, fomething extraneous, or adventitious. For-eign Minister, Foreign Prince, Foreign Goods, &c. are those belonging to other Nations. Foreign to the Purposes, i. e.

Matter is foreign to the Idea of Space, i. e. is not inhe-rent therein, but additional thereto. See Vacuum. Foreign Plants are particularly call'd Extiteks. See Ex-OTIC.

oric.—
In some Universities they give the Appellation Foreign
Desters, Desteres Foreign, to such as do not reside in the
Place, or the University; but take Degrees to go and live
else where, and in other Countries.

elle where, and in other Countries.

In the Life of St. Taul, lifthep of Verdun, written by an anenymous Author, and publified from a MS, above que Vears old, by Wollandung, we meet with Proveills Preference of the Proving Preference, for a Prieti who lives in another Part. The fame Bellandus insect, that St. Ambrep first the Word Perenglik. for Exterior.

for Exterior.

Foreign, or Foraine Trainte, is a Duty belonging to the
King of France, of 1/2 of the Value of all Goods imported
or exported out of the Kingdom. See Dury.

The Word Foreign is form d of the Latin Forei, Doors;

or form, one of doors or Forms, Market, 56.
For Riss, is us'd in Lew in feveral Senies, and join'd with divers Substantives. Thus,
for Range Affect, is fach an Antwer, as is not triable in the County where it is made. See Answer.

FOREIGN Attachment, is an Attachment of Foreigner's Goods found within a Liberty or City, in the Hands of a third Perfor, for the Satisfation of lone Citten, to whom the Foreigner overth Money. See ATTACHMENT!
FOREIGN Matter, in Law, is Matter tribbe in nobelet County; or Matter done in another County. See Matter.

FOREIGN Oppoler, or Appoler, is an Officer in the Exchequer, to whom all Sheriffs or Bailiffs do repair to be apposed by him of their Green Wax, after they are apposed of their Sums out of the Pipe Office; and from thence draws down a Charge upon one of them to the Clerk of the Pipe.
His Bufiness is, to examine the Sheriff's Estreats with

the Record, and to ask the Sherlif, what he fays to every particular Sum therein FOREIGN Plea is a Refufal of the Judge as incompetent,

ecause the Matter in hand was not within his Precinct. See Pres

FOREIGN Service, is such Service whereby a mean Lord boldeth of another, without the Cempals of his own Fee, or eller that which a Tensut performent, either to his own Lord, or to the Lord Paramount out of his own Fee. See SERVICE. FORELORN Hope, in an Army, the Enfins perdues. See ENSANS Perdués.
FORESCHOKE, Derelithum, anticoptly fignified as

much as forfaken in our modern Language. It is specially us'd in one of our Statutes, for Land or Tenements Seiz'd by the Lord, for want of Services due from the Tenant; and so quietly held and possess'd beyond

toom the Tennart, and to quirtly held and pedified beyond the Year and Day, the the Tennar who froing his An if we thoused Cop, then the Tennar who froing his An if we thoused Cop, then the Tennar who foreign the Cop of the Cop of

tia and Switzerland to Transjohana; and was computed to Days Joanney long, and nine broad: Some Parts, or Can-

so Days Journey long, and must mount volunt karns, wo cannot active of an entitle remaining.

The Forest of Dean in Glosesflers is famous for the Iron Works therein. See Iron.

The Antients adord Forest, and imagin'd a great Part of their Gods to reside therein. Temptes were irequently built in the thickest Forest, the Gloom and Silonce whereon naturally infpire Sentiments of Devotion, and turn Men's Thoughts within the infelves.

For the like reason, the antient Druids made Forests the

For the like readso, the antient Drivial mode Prieft the Pages of their Reddenies perform of their Sciences, individual Pages of their Reddenies perform of their Sciences, individual The Word Prieft is form of of the Latin Errefts, which for cover in the Capitalities of Chemistrage, and which their cover in the Capitalities of Chemistrage, and which thing, Springer derives it from the Latin First regist, by reading Friedrich and the Chemistrage of the Chemistrage for the Chemistrage of the Chemistrage is first Science or About few wild Hearts, a first Science or About few wild Hearts, a first Science of Chemistrage of the Chemistrage of the consequence of the Chemistrage of the Chemistrage of the consequence of the Chemistrage of the Chemistrag

abide in the late Protection of the King for his Frincely Delight; mere'd and bounded with unrunevable Bounds, Marks, Meers, and Boundaries, either known by Matter of Recend, or Preferitorion, Replanifild with wild Beatts of Venery, or Chafe, and with great Covers of Vert for Succour of the faild Beatts. For Prefervation and Continuance of which Place with the Vert and Venilon, there are cer-

or when rince with the vert said vestioner, there are cer-tain peculiar Laws, Privileges, and Officers.

The Properties or Characters of a Foreff, are,
1° That it cannot be in the Hands of any, but the King;
because none elso hath Power to constitute such Commissions.

pecause none circ hath Power to contitute fuch Committees as are necessary to the Being of a Forest, beside the King; as, particularly that of a Justice in Eyee of the Forest.

And yet the Abbot of Whitely had a Forest by Grant of King Henry the Second, and King Tebra, with all Officers incident thereto.

indodes thereo.

The Scend Charder, it the Centri belonging thereto, which are, the 'figlize Seen, held even the street, which are, the 'figlize Seen, held even the street, which are, the 'findening th

County where the Lund lier, that it is a Erroff; and thencorn forth to be governed by the Laws of the Foreff; and pro-bibite all Perfons from hunting therein, without his Leave. New Foreff, in Humpfirer, Hiltory cells on, was said by the Delivation of an Perith Churchen, and all the Village Manner, Chappels, Ec. for the fixes of 19 Miles together. Befide New Foreff, there are now fabriling 68 Foreff; in Dogstan's thirteen Chieff, and more than 91 Forefs. See

Our antient Norman Kings were the first who inclos'd Forests, and settled the Jurisdiction thereof: Their Taste tun mightily that way. In the Course of a few Reigns from run mightily that way. In the Courle of a few Reigns from the Conquoit, no leis than first eight Furgits were inclord; the first-fetch Laws were made to locure them; and the fer-cert Penalities infilted on all Trepfaffers thereon. William the Conqueren decreed, the Eyes of any Performance of the Conqueren decreed, the Eyes of any Performance of the Conqueren decreed, the Eyes of any Performance of the Conqueren decreed, the Eyes of any Performance of the Conqueren decreed, the Eyes of the Eyes

Fadmer adds, that fifty Persons of Fortune being ap-prehended by the same Prince, for killing his Bucks, were fore'd to purge themselves by the Fire of Ordeal, &c. fore'd to purge themselves by the Fire or Urteas, Ps-Henry the First made no distinction between him who kill'd a Man, and a Buck; and punish'd those who de-troy'd the Game, the'not in the Forest, either by Forteinzer of their Goods, or Los of Limbs; the' Henry the Second

of their Goods, or Lots of Limbs; the Henry the Second remitted it for a temperary Imprilement. Richard the First revived the old Discipline of gelding and pulling out the Eyes of those convolotion of hunting in the Force?: But he afterwards relax'd a little, and was concented to make fush Coovicts abjure the Realim, or be commit-

to make fuch Convicts adjute the Kesim, or ac commit-ted, or pays Fine.

Charter of the Forest, fee Charta de Forests.

Forest is also and adjectively. The Forest Cities of the

Empire are four Cities finate in the Black Forest, or Salva

Notes the market of the Convictor of t

Empire ne four Cities financie the Black Fareft, or Silvas Norge, a Bart of the anisott Hereisten Foreft y in Ribin-piel, foldingly, destingthen, and Landfrenburg, Ben, now Cities are out of the Limits thereof.

Foxary Law. The Fareft Laws are poculiar Laws, different from the common Law of Ergisland. See Law. mounted therein, were positive of at the Peoliser of the King, in the Evrey Cities are out of the Carter serve from the connect and or Ergisland. See Law. mounted therein, were positive of at the Peoliser of the King, in the Evreyth Camera; and even in the Charter serve foreign grievas Articles, which the Commony of here Prices have "we not the Nate of the Carter serve foreign and the Peoliser of the Nate of the National Peoliser of the National Peoliser

nuce by Statute thought fit to alter For Affish Forefle.

Vet to this Day, in Teleplate relating to the Royfle, Fe.

Instast reparabitum per fails; to that if a Man be taken
hunting a Does, the may be arrefled, as if he had taken a
Does. The Poseiler may take, and arrefl a Man, if he be
taken either at 20g-dram, Schele-fland, Sack-kerr, or
Sloudy-band; notwithlanding that three of these been

Sloudy-band; notwithlanding that three of these be only

Richyl-dun's, normithtanling that three of facts be only Prefumptions. Soc Done Park, θ' Parazir-Park, Eff. FORE-STAPP, an influence wid at Soa, for thing the Altitudes of herewish foodles. Soc Arrivers. December The Perchaff, wild also Croft-Suff, takes into his De-tourned the Object, in controllition to Back-faff, when to be also be also be also be also be also be also than the Object, in controllition to Back-faff, when he run his Bick of the Object, Soc Back-tary. The Fire or Croft-faff, represented TAA Ninepisters Fagra, conflit of a limight, fusion, guideant Saff, B B, and fore Cofficts, or Vaner F E, Ed. D, D, C, while

flide thereon.

filse thereon.

The first, and floorest of these Vaner F F, is called the Tenersty, or Vane, and belongs to that side of the influence of the control of the

Ule of the Forestaff.

The great Use of this Instrument, is to take the Heights of the Sun, and Stars, or the Distance of two Stars, and the Ten, Thirty, Sixty, or Ninety Consice are to be used according as the Altitude is greater, or leffer; that is, if

See ech under its proper Article, Juvines of the Forth, the Adriande be left than 10 Degrees, the Ten Cook to be Warden, Kaneria, Valuatia, of Kaneria and Lander and the Cook of the Warden Kaneria, Valuatia, of Kaneria and Lander and Cook of the End b of the Crois for the Centre of the Sun or Star, and at the lower End a for the Horizon. If you fee the Sky in-flead of the Horizon, fillde the Crois a little nearer the Eve; and if you fee the Sea, inflead of the Horizon, fillde the Crois fairther from the Eye: And thus continue mov-th of the Crois fairther from the Eye: And thus continue mov-ling the Crois by and the Horizon by the Bottom there-ly of the Crois by and the Horizon by the Bottom there-

Then the Legrees, and Minutes cut by the inner Edge.

Then the Degrees, and Minutes cut by the inner Edge.

of the Crofs agon the Side of the Suff peculiar to the
Crofs you use, is the Altitude of the Sun, or Star.

If it be the Merdisan Altitude you want, continue your
Observation as long as you find the Altitude increase a fill.

Then See Markelland.

moving the Cross nearer to the Eye. See Meridian.

By substracting the Meridian Altitude thus found from 90 Degrees, you will have the Zenith Distance.

To work accurately, an Allowance must be made for the

To werk accurately, an Allowance must be made for the Height of the Eye above the Surface of the Sea; vis. for one English Foot, I Minute; for five Foot, 2; for forty Foot, 7; Sr.
Their Minutes fiberated from the Altitude obferr'd; and added to the Zenith Diffance obferr'd; give the true Alti-

added to the Zenish Dittance obtervia; give the true anti-tucle, and Zenish Dilitance, from Ostor, or the Money Dil-ford object to Dilitance, from Ostor, or the Money Dif-ford object to Dilitance of the State Nat 1, Applicht Infrare ment to the Eye; and looking to both Ends and beff the Crofs, more it nearer, or further from the Eye, till you for the two Stray; the one on the one End, and the other on the other End of the Crofs. Then the Degrees radditunctes the Nat's Diffusion to the Vancin to the State In the Say; the State of the State In the Say; the State of State Ostor State Ost

FORESTAGE, FORESTAGIUM, in our antient Cultoms; an obsolete Duty, or Service, paid by the Foresters to the

In Britany, Lebineau observes, the Office of Foresters was held by Genelemen of the first Rank, who for their Forestoge were obliged to furnish the Lord, when he kept

open House, with Caps and Spoons.

open Heafe, with Caps and Spoons.
Ferriflag allo focus to have been as 'd for a Daty, payable to the Kingle Furdiert. By first quiet the Theology of Vigology is the Furchings, for Chart. Edit.
Vigology is the Furchings, for Chart. Edit.
Vigology is the Furching of Chart. Edit.
Vigology of Vigology is the Furching of Chart. Edit.
Vigology of Vigology of Vigology of Vigology of Application of the Vigology of Vigo

Speimon defines it an Obstruction, or shutting up of the King's Highway.

In the Laws of Hen. 1. the Sense of the Word is thus

explain'd: Foreftel eft, fi quis ex transferfo incurrat, vel in viam expediet, £ afaliet inimeum funm. The Word is form'd of the Saxon Fore, before; and Stal,

Joarney, Road.

FORESTALLER, a Person who foreflast the Market, or buys up Goods upon the Road. See Forestraller, FORESTALLER, a Person growing for Corn, Cuttle, or other Marchandiae, by the Way, before it reaches the Market, are fair, to be folk or by the Way, selections beyond the Socia, for otherwise, tround any Giry, Fore, when the selection of the Way of the Way and the Way of the Way as the Way of the Way and the Socia, for otherwise, tround any Giry, Fore, waters thereof, and fell it sagin as a more advanced and

Haven, or Coccle of this Realins, with delight to take Ad-vantage thereof, and fell it again a more advanced and dear Rate. Soc Renarcos, and Euconomes. Perpfiding in particularly at in Compton, for Hosping Perpfiding in particularly at in Compton, for Hosping turning bones again, or, a lying between him and the Fo-reld, in the Why so in to return. Hence fast, it founds to the Tourist Compton PARE-STERS, beam Officer of the Forget, appointed by the King's Letters Patent, to walk the Forest, and to worth the Vernand Verland is a first beat the Advanced all Teclpidins against both, within his Ballivick or Will, forester, the Particular Stephen Compton of the Compton forces. See Pears in the patific according to the Cof-ference. See Pears, to be putilité according to the Cof-ference. See Pears and the Particular Compton of the Compton forces. See Pears and the Particular Compton of the Pa

to the Forest CORDETY.

That the Letters Patent of a Forester be ordinarily only granted, quam din lene se gessen; yet they are granted to some, and their Heira; who are bereby callest Forester in Fee. See Fax. in Fec. See Fig. Sir William Temple relates, that the Franks baving fub-dued all Gand, their Princes reduc'd Flanders into a kind of Government; and gave the Quality of Forefler, with part of the Frevince, to the braveit of their Captains. This Quality of Lord Forester held till the time of Cher-lemaign, or, according to others, of Cherles the Bald, in whole Time Flanders being erected into a County, the Ti-te of Forester was chang of into that of Count. Sec Count, FORFEITURE, originally signifies a Transgression, or Offence against some penal Law.

Offence against some penas Law.

But with all, it is now more frequently and for the Effect
of such Transgression, or the losing some Right, Privilege,
Efface, Honour, Office, or Effects, in confequence thereof;
than for the Transgression is telf.

As, Perfeiture of Effects, its., &c. Forfeiture of Goods, &c.
A Pec becomes vacant by the Ferfeiture or Rebellion of

his Vaffal.

his Vafial.

Goods forfeited, and Goods confileated, differ: Thole
which have a known Owner who has committed fome Offence, whereby he lofes his Goods, are faild to be forfitted.

Those which an Offender differows, as not his own; and
which are not claim'd by any other, are faild to be confileate. Stat. 25 Edu. 3.

Forfeitner, or Forfeit, again, is rather more general; and Conflication more particular, to fuch as forfeit only to the King's Exchequer. See Confiscation.

the Kingt Exchequer, Sec. Currier a rob.

The Word is found of the blat Lant, Furifidation, whence Feyfinium, and Feyfidium, and the Firad Furification, comes of furifivery, which, according to the Company of the Com

Full Forverivere, plens forisfaltura, call'd also plens wits, is a Forfeiture of Life and Member, and all elle that

a Man has

a Man has.

FORFITURE of Marriage, Fertifactura Maritagii, a
Writ, which laid againft him, who, holding by Knight's
Service, and being under Age, and unmarried, refused her
whom the Lord offerd him, without his Disparagement, and married another.

and matried another.
FORFEX, an Inflamment to draw Toeth withal.
FORGE, properly fignifies a little Furnace, wherein
Smiths, and other Artifices in Iron and Steel, 826, heat
their Merals red bot, in order to foften and render them

more malicable and manageable on the Anvil, &c. See FURNACE. Farriers Forge, Silversmiths Forge, Cutlers Forge, Lock-

fairbies 1 wee, Six of the feveral Operators in Iron, is very fimple: We shall instance in that of the Blacksmith, to The Ferge and by the feveral Operators in Iron, is very subtial the real reconcilion.

The Harst's, or Firesphere, is a Mattire of Brick, about revolved, in the Property of the Property of the Martin, or Firesphere, is a Mattire of Brick, about revolved, in Harst's, or Firesphere, is a Mattire of Brick, about revolved to the Property of the Propert

By drawing down this Handle, the moveable Board of the Bellows rifes, and by a confiderable Weight a top of its

the Bellows rifes, and by a confiderable Weight a cup of its upper Board links down again; and by this alternate Agisting performs the Office of a pair of Bellows.

He was a support of the performance of the Bellows of the Agisting Performs the Office of a pair of the Bellows.

Bellows a rectar defected of confidence of the Agistin But this is not so properly call'd a Porge, as a Furnace.

Ste FURNACE. TORGE IS more properly us'd for another kind of Furmoc, wherein the iron Oar, melted down and feparated in
a former Furrace, and there caft into Sows, and Piggs, is
betted, and fully orer again, and beaten with large HamSters, and thus render'd more fost, pure, duclile, and fit for
the Continue.

See IRON. Of these Forges there are two kind; which the Iron suc-The first, call'd the Finary, where the Pigs are work'd

into Groß tron, and prepar'd for the fecond, which is call'd the Grofry, where it is further wrought into Bars, fit for DRGCERE, Policy Dende, Significe others birth, after production of the property of the Großere. See the property of its declared in the Sate, p. Elies, eaph 44.

PORKING, I also be comission this of the property of its declared in the Sate, p. Elies, eaph 44.

PORKING, the Act of seeining, a transmering loco on the first property in order to ballion, and extend it to various from the Groge in order to ballion, and extend it too various Fours, and extend it too various Fours, and

Iton is hammer'd, and forg'd two ways: Either by the Force of the Hand; in which there are usually several Persons employ'd, one of them turning the Iron, and hammer-

fons employd, one of them carring the Iron, and harmor-ing livenity, as of the erd only hammor-jich resident and the property of the con-duction of the control of the control of the con-sultance, because the control of the control of the order to brokes whereof the Workmon prefer large by the Aorling, of the control of the control of the Celling of the Forge. This list way of Forging is only well as the largeful Works, as Anches for Ships, 5°C, which usually weigh feveral thou-fand Founds. See Astrona.

ANCHOR.

The design of the control of the con

FORLET Land, was fuch Land in the Bishoprick of Hereford, as was granted or leas'd, dam Epistosas in Epis-copatu stetrit; that the Successor might have it for his pre-

But now that Culton it difus'd, and the fame Lands are But now there, by Leafs yet they fill retain the Name. States field's Sarvey. for Sarvey, are Sonce, or fittle For-FORLINS, or FIRED FORN, are Sonce, or fittle For-treffes, whole flunk'd Angles are generally diflam one from another 120 Falton, but their Fament and Figure are dif-ferent, according to the Situation and Nature of the Ground, form of them having whole Sattions, and other only Demi-

They are made use of only for a time; either to defend the Lines of Circumvallation, or to guard some Passage or dangerous Post.

dangerour Folt.

FOLM, in Phillophy, is the manner of being peculiar to each field y or clar which conflictes it field a pericular to each field y or clar which conflictes it field a pericular The Philophyse of the Philophyse of the Charlest Afferts, as the common Both, or Subtraction of all, and which the parties and delitioguistics each and which the parties and delitioguistics each and which the parties and delitioguistics each and which will be provided the provide

ner of the Effence, or Being of a thing; for as were detories Subflance, as well as Effence, a mighty Controverly has seede in the Schools, in which fenfe the Word is here to be used; and whether Forms are to be accounted finflantial, or only effential: i. e. Whether the Forms of Bodies be any real Subflances, and have an Exiftence difflict from that of Matter, or not.

"Tis certain, the most antient Philosophers never dreamt The certain, the most antient Printerphers never dream of making Form a Subflance. Paramaties and Telefine expectly after, all natural Things to confit of one and the lame kind of Subflance, and only to differ in Accident. And the Empedentes allowed of a fubflantial Form in mixed. Bodies; yet he deny'd it in the Elements, and only held an effential one

Galen allow'd of nothing in Matter more than the Terr trature of the primary Elements, in which he was for

persture of the primary Elements, in which he was not by flex. Approachest, Philoponus, and or hers. Subflantial Forms form to have been first broch'd by the Followers of Artifletts, who though Matter, under dif-ferent Modes or Modifications, not inflicient to conflict the substantial production of the property of the 100 March rerent Modes or Modifications, not inflicient to conflictute different Bodies; but that formething fubliantial was neeffary to fet them at a inflicient Diffase: And thus introduc'd fubliantial Events; on the footing of Souls, which specify and diffitinguish Animals.

The Confiderations which the Peripateticks principally infish on, in confirmation of this Dottine, are: 1° That withinfish on, in confirmation of this Dottine, are: 1° That withinfish on, in confirmation of this Dottine, are: 1° That withinfish on, in confirmation of this Dottine, are: 1° That withinfish on, in confirmation of this Dottine, are: 1° That withinfish on, in confirmation of this Dottine, are: 1° That withinfish on, in confirmation of this Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of this Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on, in confirmation of the Dottine, are: 1° That withinfish on in confirmation of the Dottine, are: 1° That withinfish on it is not the Dottine, are: 1° That withinfish on it is not the Dottine, are: 1° That withinfish on it is not the Dottine, are: 1° That withinfish on it is not the Dottine, are: 1° That withinfish on it is not the Dottine, are: 1° That withinfish on it is not the Dottine, are: 1° That withinfish on it is not the Dottine, are

What contributed much to their Error, was the Circum thances of Life and Death: For, observing, that as from as the Soul was departed out of a Man, all Motion, Refigura-tion, Neutrino, Ex. immediately cas'd, they concluded that all those Functions depended on the Soul; and consequently that the Soul was the Form of the animal Body, or that which conflicted it fach: And that the Soul was a Sub-itance, independent of Matter, no body doubted; whence the Forms of other Bedies were concluded equally fubilian-

But to this it is answer'd, that the 'the Soul be that by which a Man is Man; and consequently is the Form of the buman Poly, as buman; yet it does not follow, that it is properly the Form of this Pody of ours, as it is a Body; nor of the feveral Parts thereof, confider'd as difficel from

each other

each other.

For those several Parts have their proper Porms so closely connected with their Matter, that it remains infeperable thereform, long after the Soul has quitted the Body: Thus, Elesh has the Form of Flesh; Bone, of Bone, Se, after the

Fields has the Form of Fields Hone, of Bone, 556, after the Soulis removéd, as well as before.

The Truth is, the Body does not become incapable of performing its acculton 49 Benefitons, by reason the Souli bas delicted it; but the Soul takes its leave, by reason the Body is not in a Condition to perform its Funditions.

The antient and modern complicator Fallosophers there-

fore, with the Cartefians, exclude the Notion of Substantial Forms , and fliew by many Arguments, that the Form is

fore, with the Carryfiner, casiled the Nacion of Rahlassial Fronty 1 and live by many Agaments, that the Jerres in Carrynt 1 and live by many Agaments, that the Jerres I and And as there are only three primary Modes of Matter, etc. Pilpars, Real, and Motton; with tree others assign all Bodies they had to condit thereins and impose the Varieties when the Anderson expended to the Statistics to prefence all all Bodies they had to condit thereins and impose the Varieties we calcularly for refulls from changes in Many Varieties we admit for the Modes; which many very well paid for Difference of the Modes; which may very well paid for Difference of the Modes; which may very well paid for Difference of the Modes; which reside the Modes is designed to the state of the Modes of the M fame Bedy, by mere Motion, and Reft. The Philotophy of fubitantial Forms, its Rife, Ufe, and Extent, are fer in an excellent light by Fa. Matlebranch. The way of thinking, that first introduc'd it, is this:

The way of timking, that first introduced it, is this: Every thing I perceive in stalling, feeing, and handling this Honey, and Sait, is in the Honey, and Sait: But it is cer-tain, that the things I perceive in the Honey, a.g., the Co-lour, Tatle, Sc. differ effentially from thois I perceive in the Sait; configuently, there is an effential Difference be-the Sait; configuently, there is an effential Difference be-

tween the two.

recen the two.

Hence it follows, that they are grolfy deceived, who take
all the Differences between those Bodies to consist in the
different Canaginations of the component Pars; since the
different Figure is not at all estimate to the different Figure
different Figure is the Figure of the Parts of the Hency how
you will; and even give them those of the Parts of Selt;
yet it is Honey full.

There must therefore be some Substance added to the There mult increase he some suntrance agong to the common Matter of all Bodies, to make them effentially different. And thus are fulfilantial Forms book'd in; those fortile Subliances, which perform every thing that we fee in

all Nature.

Since then in every natural Body there are two Subfiances;
the one common to Honey, Salt, and all other Bodies;
and the other, that which makes the Honey, Honey; the
Salt, Salt; and all other Bodies what they are: It follows, that the first, viz. Matter, having no contrary, but being in

out inbitantial Ferms, all natural Things would be of the different to all Ferms, mud remain without Force, and Actions Species, Nature, and Effence q which is imposed an integration of the control of

they keep confished watch; and entertain mortal Emmittee and Antipathies against those other Forms, which only walt to destroy them.

If now it happen, that one Form feize the Matter, or Receptacle of another; that the Form of a Carcali, for in-fance, feize the Body of a Dog; it is not enough, that this new Form annihilate the former; but its Hared must be further gratify d with the Defiredtion of all the Quali-

that new period and the Destruction of all the Quali-ties, that took in Enemyly part.

The Hair of the Carasia, then, must be turn'd white, by a Centain of a new Colour In Blood must become red, but of field a red, as in nex to be injected in the Interest Qualities, rully to their new Matter, both they are ode-sered with all the Power the Qualities of a Carasia can have, at Ill field time a being corepored, in the From piece way too, in its turn, to the From God Magnets, Worman [5].

In the Colour Colour Colour Colour Colour Colour Colour Bank in place of Red, it follows, that even the Fire must likewish have in Counte, whither its natural Levity always prompts; it, that it my remain at red, it cased to burn, and

prompts it, that it may remain at reft, cease to burn, and even quit its Heat, which it only maintains here below for its Defence.—

Their may serve as a Talte of the Consequences, drawn from that important Principle, Subflantial Forms; which is infinitely sertile, and furnishes every Philosopher with all forms of Solutions, according to his Ability, Adrets, Inclina-

tion, 85c. Forms are diffinguish'd into Effential, and Accidental,

Effective Forms. Though the five Modes above-men-tion d, generally taken, be adventitious; yet, to this, or that Body, e.gr. to Fire, or Water, they are effectial: Thus, it Body, e.gr. to Fire, or Water, they are eltential; Thus, it is accidental to Iron, to have this, or that Magnitude, Figure, or Situation; fince it might extil in difference one; yer, to a Knife, or Hammer, the Figure, Magnitude, and Polition of Farts, which coeffitted is a Hammer, or Knife, are offential; and they cannot exiff, or be conceived without

Hence it is infer'd, that the' there be no Substantial there are Effential Forms, whereby the feveral Species of Bodies become each what they are, and are diffinguish'd

from all others. See Essential.

Accidental Forms are those really inherent in Bodies; but in such manner, as that the Body may exist in all its Perfection, without them.
Such is Whiteness in a Wall; Heat in Water; a Figure

of a Man in Wax, &c.

of a Man in Wax, Ger. spacing citc but freeld: Difference, Metaphylical Fax as it is nothing (ic) but Centar.

Thus, Ratemal, is the Metaphylical Farrar of Man, Shiftighte Forus is a just Division, both of the Terms, in refpect of Freelicate, and Sabject; and of the Proposition Fax and Sabject; and of the Proposition Fax and Sabject; and of the Proposition of the Proposit

See SYLLOGISM

The Disposition of the several Terms, being, as it were, to many Steps or Degrees of a Syllogistic Form; is call'd the Figure of the Syllogism. See Floras.

The Disposition of the Premistics alone, being as it were

nother Degree, is call'd the Mode of the Syllogifm. Sec Mone. Forms, again, are diffinguish'd into Simple, and Compound.

Simple Forms are those of Simple Bodies, i. e. of fuch as have but few Properties.

as nave use sew Properties.

Compounded Bodies; or fach, as have more Properties.

Thus, e. gr. If the Form of a hard Endy be compared with the Form of Wood; the former may be accounted. Simple, and the latter Complex; icalmuch as a hard Body, confider'd only as bard, has fewer Properties than Wood. Abfolately focal inc.

Absolutely speaking, however, Simple Forms are those of the Elements; and Compound, of mixt Bodies. Lastly, some distinguish Forms into a Natural, and Ar-

Natural, are those inherent in Bodies, without any thing of Marble.

of Marbo.
Artificial, are thole arising from human Industry: Such is that of a Statue. But this Diffinction is uffolds; and does not imply any intrinsic Difference in the Forms themselves.—Forms of Corporately, according to Acciount, and the Scattling is that which confiltrates Hody in the generical Effe of

riffs, is that which conflictes Body in the generate Life or Body at the first field and the Life of Body at the first field and the Life of Body at the first first field and the Life of Body, but by the first first

Form, in Theology, is one of the effential Parts of the Sacraments; being that which gives them their Sacramen-

Skeraments, "Design and which gives the on the or and man affire. See Sacraments."

The Form conflits in certain Wards, which the Prieft procounces in administrating them.

In fome of the Romally Sacraments the Form is depre-

in tome of size Komino Sacraments the zorns is depre-cative; in ourse it is abfoliate, or indicative.

The Pathers and anticer Divines held, that the Sacra-ments conflicted of Things, and Words, Rebus & Ferbit.

William of Austrie was the first, who, about the Beginning of the XIII! "Century introduced the Terms, Matter, and Form in liou thereof. Form is also the external Appearance, or Surface of a Body; or the Disposition of its Parts, as to Length, Breadth and Thickness: In which sense it ensected with Figure.

See FIGURE.

FORM is also us'd in the Mechanic Arts, for a kind of FORM 35 and us of in the Maccalline Lists, for a some of Mould, whereon a Thing is fathiorid, or wrought. As the Hatters Form, the Papermakers Form, &c. Hatters Form, is a large Block, or piece of Wood, of a cylindrical Figure 5 the Top thereof rounded, and the Bottom only 61 as

tom quite flat

sein quite fix.

Its 1/E st, to mould or faithion the Crown of the Hat, after the Maitor thereof has been besten, and full?——
To from a Hat, to necedity on the Wood, Hating &c. br.
D from a Hat, to necedity of the Wood, Hating &c. br.
Papelermakers Foats in core of Woods whereth the Sinces are found & See Paras. Notice whereth the Sinces are found & See Paras. Note of which we were the Papelermakers Foats in a Feene, or Board, compand of diverse Lotters, range di n Order, and diplord into Pages, when the Compositor; from which, by means of lak, and 1 Perfs,

Rever Form to define.—

Every Form is inclused in an iron Chafe, wherein it is firmly lock'd by a Namber of pieces of Wood; fome long, and narrow; and others in form of Wedges. See Chase.

and narrow; and others in form of Wedges. See CHASS.
There are two Forms required for every Sheet; one cach fide; and each Form confifts of more or fewer Pages, according to the Volume of the Book. See PRINTERS.

Forms is also weld in a Moral feefe, for a manner of being,

Later which according to B. the

or doing a thing according to Rules or doing a thing according to Rules.

This Republic has frequently chang'd its Form of Government; that is, its antient Order, or Conditution. Paradose generally express a Remittion, or Abolition of a Crime; in what Form, or Mansor foever it were committed. He

som general, or Manner foever it were committed. He was admitted Doctor in Form: Put your Argument in Form. Foans, in Law, Inspired to certain clashiful Rales, to be observed in Proceedings, in which legisle the World Hands opposed to the Ground or Matter in the Control of the Control of Control of Matter in the Control of the Control of C

diffuser. The very contrary Maxim through or fewary as the Matter I The very contrary Maxim through the traction. The very contrary Maxim through the traction of the Matter I The very contrary Maxim through the Rendez in the Christ of Canucha, of the three Maxim Through the Maxim Through through the Maxim Through the Maxim Through through the Maxim Through through throu

ceria, vel Formaria. FORMA Pauperis, or In Forma Pauperis, is when a

FOLKOM 3 "Alloyer" to The Format "Analyers"; is when Gerean last Caulle of Suls, and is for poor that he cannot different has Caulle of Suls, and is for poor that he cannot different he cannot different he cannot be supposed to the cannot be supposed t

FORMAL, any thing that regards the Form; that gives the Manner, or Form.

Thus, we say, The formal Cause joining it self to the material, produces the Body, or Compound. The Schoolmen also apply it to any thing which has a kind of Form, either Effential, or Accidental; at least, in

our Conception.

our Conception.

Thus, we frequently hear the Philosophers talk of the formal Object of Knowlege; the formal Reason of any things, formal Unity, gis. The formal Case.

FORMAL Canfe, is defined by certain Philosophers to be formething implanted in Matter, wheteby it is diffinigateful from other Matter.

from other Matter.

For Matter is suppos'd common to all Bodies; consequently, that they are dislinguishable from one another does not artic from their Matter, but the Form which is peculiar to each: So that what is produc'd by such Caufe, is faid to be

cuch is to that what is preduced by fuch cauch, it field to be formed. See Mary that the Condition of Matter, and Form, is not to the function of the Component Fowly, and the Achail Composition are different. Contrary to the Opinion of the Conceality of Schoolinea, who maintaining Form of the Conceality of Schoolinea, who maintaining Form to the Conceality of Schoolinea, who maintaining Form component Fart, as much as Matter it field. See Carvar, Form, Substrance, and Substrance, Inc., Substrance, and Substrance, and Substrance, Substrance,

FORMAL IS also used in a rough company precise.

Thus we say, A formal Agreement; a formal Text; formal Answer Se.

FORMALITER, or FORMALLY, is variously used in the

Schools. Sementines it is underfixed of the Subject, when a PreSementines it is underfixed of the Subject, when a Preformula taken, difficult the Light; of a the form laberest in this Subject, or Whitenesh, it the Case why the Sub-ject disperient the Light; we do not be the contrained to signify as that is no Expositions a More being formula lapped, when it is taken for the Hing it was in-tunded to signify as that is no Exhibition, the Case of the Case of the Case of the Case of the model to signify as that is no Exhibition, and totally. Thus, a Subjectify formulay, it, a adequately, and totally. Thus, a Subjectify formulay, it, a adequately, and totally thus, a religiously, it as the case of the formula taken as a religiously formula.

Sometimes it is an out on a grant and a second formally taken is a realonable Animal.

Formally is allo add for Really, in opposition to objectively: And a thing is faid to be formally linch, when it is fach in the proper Notion of the thing inoke of—

Formally, again, it is d in speaking of the Manner where the second in the second in

Formally, again, is used in speaking of the Manner wherein a Thing is contained in another; in opposition to Firstally, and Emineutly. See Virtually, and Eminently.
FORMALITY, the Quality of a Form, or Formula; or
that which conflictes, and denominates them fuch. See

Forms, and Quality.

Formality, as defin'd in the Schools, is any Manner, or Notion, wherein a thing is conceiv'd: Or, a Manner in any Object, importing a Relation to the Understanding, where-by it may be distinguish'd from another Object.

by it may be dissinguist a rom anomer surject. Thus, Animatiny, and Rationally are Formalities, The Society make great use of Formalities; in opposition to the Variabilities of the Thomalities of Society. The Society bold, that the Mesaphyfical Degrees in Man are so many Formalities, really distinct from each other; as Man, Laving, National, Soc. And the sime they hold of the Man and Confederation of the Confederation of the

Attributes of God: The Thomifts, on the contrary, con-tend, that they are really and intrinsically the fame. See DEGREE. In Matters of Law, Formalities are frequently us'd for the

Formula's themselves; or the Rules prescrib'd for judiciary Proceedings. In Contracts of strict Law, all the Formali-ties must be strictly observ'd. An Omission of the least nes must be strictly observed. An Omission of the least Formality may ruin the whole Convention. The Term is also set for a certain Order, certain De-cencles, and Ceremonies observed. This Composition of the Convention of the C

cencies, and Cremmines obferval.

This Composition of Formalities, December, and Circumfrechium, may form a political relative jour nor in Ambelfichet, who must be a chairat Man. Weigerfor:

The Ambel of the Chairat Man. Weigerfor:

The Formatism of the Chief in the Eggs is admirably

capital of by Multipley, in an express Treasity, Der Forma
time Publis 100 or. See Too.

The Formatism of the Letter, the Embryois the Worth,

The Formatism of the I texts, the Embryois the Worth,

See Concervency, Derytte, &C.

See Concervency, Derytte, &C.

See Concervency, Derytte, &C.

See Conception, Fortus, &c.

Sec LONGEFFION, FORTES, &C.

The Formation of Metals is effected in the Veins of the
Earth, of Funces or Vapours rais'd by the fatherrancous
Fire, and first, of condensed as they arrive toward the Surface of the Earth. Sec Matals, Minerals, &C.

The Formation of an Abbects in the Body, for As-

FORMATRIX, or FORMATRICE. The antient Philo-fophers admitted a Virius, or Facultas Formatrix, where-by all Bodies had their Forms given them. See Facul-

FORMé, or Formy, in Heraldry. A Cross Formé, or Formy, is a Cross narrow in the Centre, and broad at the

Ferming, is a Louis narrow in the Centre, and because it clear Extremes for call'd by Leigh, and Margars, though most other Authors call is Pates. See Partia. FORMED, or Finenans Nowers, among Naturalists, are facilities and the properties of the property of the found in the Earth, to formed as that they better a near Re-femblance to the extremal Figure of Markets, Cockles, Os-thers, and other Shells, or Flants.

Authors are greatly divided as to their Origin: The fe-veral Opinions fee under Fossil, Shell, Stone Plant,

SFAR, &c.

in Heraldry, fee SEATED. Forwin, in Heraldry, fee SEATED.
FORMEDON, in Law, a Writ which lies for him who has Right to Lands, or Tenements, by virtue of any Intail, artifung from the Statute of Weights. 1. 1.
There are three Kinds, vis. Forms Donationit, or Formedon, in the Defender; Formedon in the Reverter; and Formedon in the Remainder.

Formedon in the Remainder.

Formedon is the 'Defender, lies for the Recovery of Lands, \$60. given to one and the Heirs of his Bedsy, or to a Man and his Wife, and the Heirs of their two Bedies; or to a Man, and his Wife, being Coufin to the Donce, in Frak Martiage, and afterwards alleasted by the Donce.

After his Deccafe, his Heir fhall have this Weit against

the Tenant, or Alience

Fits. Nat. Br. fol. 211. &c. makes three forts of Ferme-n in the Descender: The first is that now express'd: The fecond, for the Heir of a Coparcenor, that aliens, and dies: The third he calls, Infimal tensis; which lies for a Coparce-nor, or Heir in Gavel-kind, before Partition against him, to whom the other Coparcenor or Helr has alienated, and is

Formedon in the Revertor, lies for the Donor, or his Heirs (whole Land is entail'd to certain Persons, and their flue, with condition, for want of fuch liftee to revert to the Donor, and his Heirs) against him to whom the Donoe alle-

LOUNCE, and HE HELDS against him to whom the Dence alle-nates after the liftue extinct, to which it was entail'd.

Formedou in the Remainder, lies where a Man gives
Land in Tail, the Remainder to another in Tail, and after-wards the former Tenant in Tail dies without Hide, and
a Stranger abates; then he in Remainder shall have this

With the Company of the Remainder shall have this

With the Remainder shall have this

FORMICA, literally fignifies an Ant, and is us'd to ex-refs little Tumours, which appear like the Bites of efs little

FORMING, is us'd for the Act of giving Being, or Birth to any thing: Thus, GOD is faid to have form'd Man af-ter his own Image. Every thing generated, is form'd of

ter his own Image. Every tang generator, as seriate or fomething corrupted.—

The Word is allo fimply us'd for giving the Figure to any thing. The Potter forms his Veffels as he pleases. Geometry eaches, how to form all kinds of Figure.—

Allo, for the producing of a thing: Thus, Thunder is form? of Exhalations: The Lines of his Face began to be

FORMING of a Siege, is the making Lines of Circumofing things for the

Formans of a Negg, as the making Lines of Greun vallation, to fortify the Camp, and disposing things for th Attack of a Place, in form: SC SIGA: They alid say, to form a Squadron, or Barralion; mean ing, to range the Soldiers in form of a Squadron, Efs. The Torm is alio and in speaking of a Body of Forces

In term is also use in epechang of a Body of reacce; which being out of any order of Squadrons, Batalions, &c. do halt, range themselves into Order, and put themselves in a Condition for the Attack. Affoon as the Ememy observed this Motion, they began to form themselves.

FORMING, is allo used in Grammar, in speaking of cer-

ain Toules of Verbs, which are made from others, by a

tain Tentis of Vertos, which are inside from outers, by a Change of certain Letters.

The Prefent Tenfe is form'd from the Infinitive. Compound and Derivative Words, and even all that have any Etymology, are alfo faid to be form'd.

FORMS, in Hunting, the Geat of an Hare; or the Flace

or Time when and where the iquats.

FORMULA, a Rule, or Model; or certain Terms preferib'd, and decreed by Authority, for the Form and Man

ner of an Act, Instrument, Proceeding, Sc.

The Roman Law was full of Formula's. Divorces, Adoptions, Stipulations, Sc. were perform'd by certain Formu-

s, or in certain Terras.

Cuejus Flovius publish'd a Collection of the Fernantas of his Time; which were well receiv'd. The leaft Slip or Failure in any of the Terms of these Formula, render'd the whole Transaction Null. The Formula's of Marculpbus,

with M. Biguon's Comment, are in great Efferm.

FORMULA, in Church Hiftery, and Theology, is a Formulary, or Protession of Faith.

The Council of Seleucia was dissolv'd by Leonas, the

Emperor's Commissary, as not able to bring them to fign FORMULA is particularly us'd for a little Form, or Pre-feription; (uch as Phylicians direct in extemperaneous Pra-

Citice; in Diffinction from the greater Forms, which are the Officinal Medicines. See Parscraft 10N.
FORMULARY, a Writing, containing the Form, or Formula of an Outh, Declaration, Artefizition, or Abjuration, See, to be made on certain Occasions.

There are also Fermularies of Devotion, of Prayers, &c. Liturgies are Fermularies of the publick Service in most Churches. See Liturger.

FORNACALIA, or FORNICALIA, a Feath held among the anticat Romans, in honour of the Goddels Fornax, or

rain, Furnace. See Frast. It was folemniz'd with Sacrifices, perform'd before the Mouth of a Furnace, or Oven, wherein they dry'd their

Com, bak'd their Broad, &c. The Fornaçalia were moveable: The Grand Curio

claim'd the time of Ccicbration every Year on the twelfth of the Calcuds of March

They were first instituted by Numa. The Quirinalia were instituted for the take of such as had not kept the Fornaca-

infinition to use visit ALLA.

FORNICATION, WHORLIPOM, the Aft, or Crime of Incontinency between fingle Persons: For if either of the Parties be married, it becomes Adultery.

Parties be married, it becomes Adultery.

Parties be married, it becomes Adultery.

St. Thomas labours to prove fimple Permication, contrary
to the Law of Nature. See Concentration

By the ansient Law of England, the first Offence herein
was pensifted with three Months Impessoment: The second
was made Fectory, by an Akl in the time of the late Usurpa-

tion. See WHOREDO

tion. See Weeks Inton.

FORMER YOUR IS SECRETION OF THE SECRETIC OF THE SECRETION OF THE SE CEST, SODOMY, &C

FORNIX, in Anatomy, the Extremity of the Corpus FORNIX, in Anatomy, the Extremity of the Corpus Callofam, next the Cerebellum; which is feparated or diversitated into two Legs, forming a kind of Arch, or Fornis. See Coapus Callofam.

FOR PRISE, in Law, an Exception, or Reservation: In which Sense the Word is used in the Statute of Exon, 14 Edw. 1- but there written Horseprise.

We fill use it in Conveyances and Leases, wherein Excepted and Foreprised are synonymous.
FORPRISE is also us'd for an Exaction: In which Scale it

Forgrams is also used for an Exaction: in which some is the fame with Forceapium. Tosum prasum, &c. fire quacunque Forprità in execus-tism pro places decis: FORRAGE, Provision for Cattle, of Hay, Oats, and Straw; particularly in War. In Marching, Encamping, &c. care must be taken, that

the Cavairy may find Forrage. To go to forrage: They were fent a forraging. A Ration of Forrage is the Portion of Hay, Straw and Oats, allow'd each Horfeman, for the Sub-

fiftance of his Horfe one Day; which is 12 Pounds of Hay, 25 much Straw, and three Pecks of Oats. See RATION.

as much Straw, and tirce recess of OBN. See NATION.
Skinner derives the Word from forat agere, by reach
they go abroad to feek Forrage: Others, from Far, which
autiently fignify'd any kind of Corn, or Grahas: Menage,
from Fodergram, of Foderum, or Foderum, which the Komans ut d in the farme Senfe. Cujut, and dis Gauge, derive it from the German Futter, Horfe-meat: Voffitts, from the German Faden, or voeden, to food : Nicod, from Farrago ; which iterating fignifies what we call Forrage; and figura-tively, a Mixture of divers kinds of Things. Hicks de-rives it from the Saxon Fodre, or the English Fodder, or the belt Latin, Fodrum.

FORSTALLING, Sec FORESTALLING. FORSTALLING, FORT, a little Caffe, or Fortress, or a Place of small Extent, fertify'd by Art, or Nature, or both. Sec CASTLE,

and FORTERS.

A For's a Work encompaS'd round with a Most, Ram-par, and Parapec, to focure fome high Ground, or Paffage of a River; to make good an advantageous Foli; to fortity the Lines and Quarters of a Siege, &c.

Regal For, it is Fort whole Line of Defence is at leaft

STATEMENT SOME STATEMENT AND STATEMENT OF THE STATEMENT O

Freid FORT, See FORTIN FOR TERESSE, or FORTRESSE, a general Name for all fortify'd Places, whether so fortify'd by Nature, or Art: Such are fortify'd Towns, Caftles, Cittadels, Forts, Towers, Re-

doubts, Sconces, &c.

FORTIFICATION, call'd also Military Architecture, is the Art of fortifying, or ftrengthening a Place; by making Works around the lame, to render it capable of being

greets due acomissis virtuium J. A. sur Cuspe ains Ju. h. is to Societo of thole who fortify of Blace. To which Su, h. is to Societo of the Perfection of the Ifratlites, who built the Cities of Philom and Ramyles. Zwol. i. i. But how anticas lower the Intromading of Cities with Walls, Towers, Ge. may be; the Name Periffication, and the Art now understood thereby, are of no very old Stand-

the Art now undershoot thereby, are of no very old Stand-"The plat diet." Rulés face the invention of Cannons; the terrible Britche whereof render'd it necessiry to change the Struckure of the antient Walts, and add fo many Thians thereto, that these Changes were thought crough to condi-tion a new Art, which was called *Artification*, by Teation of the Strucyglis it structed these in Circles, to decined them a "The first Anthors who have wome of Fartification*, conf-

The first Authors who have wrote of Fortification, confi "The first Authors who have wroe of Fortification, confided as a particular form'd Art, are Ramelli, and Catasov, defend as a particular form'd Art, are Ramelli, and Catasov, of France, Stevium, Engineer to the Prince of Grayer, Africa, the Chest after, and the Marchial & Paulou. Which two hall Noble Amand the Marchial & Paulou. Which two hall Noble Amand the Marchial & Paulou. Which two hall Noble America and Office of Principation, from General Fundamental Rules or Aktoms may be drawn, as "That the Manusco of ferriliging fineal be a common-first the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a common-first than the Manusco of ferriling fineal be a ferriling fineal by the second for the Manusco of ferriling fineal by the second first than the Manusco of ferriling fineal by the second first than the Manusco of ferriling fineal by the second first than the Manusco of ferriling fineal by the second first than the Manusco of ferriling fineal by the second first than the Manusco of ferriling fineal by the second first than the Manusco of ferriling fineal by the second first than the Manusco of ferriling fineal by the second first than the Manusco of ferriling fineal by the second first than the Manusco of ferriling fineal by the second first than the Manusco of ferriling fineal by the second first than the Manusco of ferrilin

¹⁰ That the Manner of forrifying flowed be accommended to that of Attachiga; to that no me Manner on me of the control of the state of the foreign age at the Time when it was built, must be conducted from the Time when it was built, must be conducted. The state of the stat

they must not be exper'd to the Enemy's Guus and Mortars, but the Aggrefiors be exposed to theirs.

Hence 5° All the Paris of a Fortification should be so differed, as that they may defined each other; in order to this, every Part thereof is to be flank'd, i. c. capable of being seen and defended from some other; so that those be no Place where an Enemy can lodge himself, either uniters, or

under Shelter. under Shelter.

6º All the Campaign around must lie open to the Defendents; so that no Hills or Eminences must be allow'd, behind which the Enemy might falleter himself from the Guns of the Fortification; or from which he might amony them with

The Fortrels, then, is to command all the Place round about; confequently the Outworks must all be lower than

about; contequently the Commune them.

The Body of the Place.

To No Line of Defence to be above Point blank Musket
Shot, which is about 120 Fathom.

The acuter the Angle at the Centre; the flronger is

the Place, as confifting of the more Sides, and confequently more detentions.

Such are the General Laws and Views of Fortification:
The Particular ones, respecting each several Work or Member thereof, will be deliver'd under their proper Articles.—

Sec FORTIFIED Place. FORTIFICATION is also us'd for the Place fortified; or the feveral Works rais'd to defend and flank it, and keep

off the Enomy.

All Fortifications confift of Lines and Angles, which have various Names, according to their various Offices. See Line,

ANGLE. and ANOLE.
The principal Angles are those of the Centre, the Flankand Angle, Flank D Angle, Angle of the Eraulethe principal Lines are, those of Cincumpallation,
of Contravallation, of the Capital, &c. See each

in its Place.

Fortifications are divided into Regular, and Irregular; and again into Durable, and Temporary.

Regular FORTIFICATION, is that wherein the Baltions are all equal; or that built in a regular Polyson; the Sides

and Angles whereof are generally about a Musket Shot from each other. See Polygon.

In a Regular Fortification, the Parts being all equal, have the Advantage of being equally defentible; fo that there

fregular FOR TIPICATION, is that wherein the Battions are unequal, and unlike; or the Sides, and Angles not all equal, and equidiffant.

equat, and equidifiant.

In an Ireogular Fortification, the Defence and Strength
being unequal; there is a Necessity for reducing the Irregalar Figure, as near as may be, to a Regular one.

And, as the Irregularity of a Figure depends on the
Ouantity of Angles and Softe, the Irregulation of a Footifi-

And, as the Irregularly of a Figure depends on the Quantity of Angles and Sides, the tregularly of a Fred-guesty of Angles and Sides, the tregularly of a Fred-Sides being too long, or too flowers being two posted to be fortifyed; all the Angles, with the Quantity of the Sides, madi-tor of the Company of the Company

ripeations of Chines, Frontier Flaces, Scc.

Tempforary Post-tries Arrives, is that erocked on fome conergent Ocashon, and for little time.

Such are Works calk up for the feizing and maintaining a Poli, or Faffige; those about Gamps, 25c. as Gircumvillations, Contravallations, Con

tions, Contravaluations, Redombis, Trenches, matternes, oct-FORTHED Place, a Ferrereft, or Partification; i. e. a Place well flank'd, and fineherd with Works. Places fortified, after the modern way, confile thirdly of Baffinis, and Carrains, and fometimes of Demi-Baffinis.

Battont, and Lawrans, and tomenimes of Denni-Battont, according to the Struation of the Ground, of Casoliters, Ramparrs, Faulle-brayes, Ditches, Canuterfoarps, Cover's Weys, Half Monns, Ravolins, Horomoreh, Crowworks, Epianades, Redents, and Tenailles. See each under its proper Article, Bastron, Contains, Ramears, Cayalers, Faussenbars, Directs, &c.

There are other moveable and additional Parts, as Brr-es, Parabets, Banquettes, Emerasures, Cordons, oyaur, Moulinets, Chevaux de Frije, Chaussi-BOYAUX, MOULINETS, CHEVAUX de Frije, CHAUSSE-TRAPES, GALLERIES, MANTELETS, BATTERIES, SAFS, MINES, BLINDS, GABIONS, 2nd PALISSADES. See each

Several of these Works, again, consist of divers Parts, which have different Denominations: Thus a Bastion confifts of Faces, Flanes, Casemates, Orillons, Gorge,

The Methods of Fortifying, that have been invented, are various; and new Methods continue fill to be pruped. The principal, and thole which chiefly obtain theo Europe, are those of Coebern, Pagan, Vauban, and Scheiter, from

are those of Coebern, Wegan, Vauben, and Scienter, trom which all the rile are easily conceived—— For yet extress, according to the Dutch Method, is that, which making the Elina perpendicular to the Curtain, makes the Flank indeaple of the Face, and fabringle of the Curtain; and the Angle of the Bintino, equal, either to two thirds of the Angle of the Polygon; or to half thereof, with the Addition of 150 vs. Dogeco, to make it equal to a right Angle.

Freitach determines the Quantity of the Flank in a square

Frettash determines the Quantity of the Plank in a quarte to be fix; in a Fenzagon, feven, in a Hozsago, eight; in a Heptagon, nine; in a Enneagon, cen; in a Decagon, eleven and in all other Figures, twelve Rivindar Periches Confe-quently, the Flace 24, and the Cartuln 36 Perhes. "To draw the Profile of a Perithication after the Dutch memory: Draw the inner Polygon G II Tab. Furtification, Fig. 6, this few equal Varus." The Demigsage A B is to

contain one of them; and the Capital A B, two. Then di-vide the Curtain E A into four Parts; and make the Flank A B one.
This is Freitach's Method: But the French make both
the Demigorge, and Flank a fixth Part of the Polygon; and
in Squares, and Pentagons, fetting afide the fecond Flanks,
deferibe a Semicircle upon B S, that the Angle of the Ba-

countries a commence upon B S, that the Angle of the Ba-ilion C may be a right Angle. The Haliam giving the isame Dimensions to the Gorge and Flank; make the fecondary Flank half the Cartain, in Polygons exceeding a Hexagon, and a third of the Cartain in the reft.

in the rett.

Laftly, the Spaniards giving the fame Dimentions to the Flanks, omit the fecindary Flanks.

But Flanks perpendiculate to the Curtain, with fecundary Flanks, are in Difference, on second of the Obliquity of the Defence; to that the Durch Method of fortifying, with the

other antient ones, founded on the same Principles, are now ont of Doors.

One of DOORS.—
FORTIFICATION, according to the COUNT de PAGAN'S Method's imposes in the larger Fortification, the exceeding the Polygon AB, Fig. 7, to be 10.0, the Face AG, 50 Ferches; in the finaller, the first, 80, and the fecond, 37; and in the middle Size, the first 90, and the Fortification CD, 15, and the Finals GP and HE perpendicular CD, 15, and the Finals GP and HE perpendicular to The Lates of Deferee AF and BE, overel'd with

(80)

an Orillen, and tripled; and a Ravelin, Curtain and Baffiens built on the Outlide the Rampart. built on the Unitade the Kämpart.

This Method was received with great Applaafe, and must be allow'd greatly preferable to size Dute's Method.

But it has its Defects, for besides that the foreifping of Pileces by it is very expensive, its triple Flanks are too clock, so as to like exposit on the Volonzee of the Bombas, the

clock, to as to the expose to the solution of the blanks; the other Rampart of the Bathion is too big. 3c. the other Rampart of the Bathion is too big. 3c. Fourtier Armon, according to Month Bloodel's Method; has a great Affinity with that of the Count de Pagan, only that the Quantity of the Lloss and Angles are differently that the Quantity of the Lloss and Angles are differently

Thus, a Right Angle being fabtracted from the Angle of the Polygon, and to a third part of the Remainder, as added; the Sum gives the diminish'd Angle. In the greater source; the ours gives the dimining angle. In the greater Fortifications, the outer Polygon is root, in the finaller 85. The external Polygon being divided into ten parts, feven of them give the Lines of Defence; and the Faces are baif those of the Tenaille.

This Method is very well calculated for the Purpofes of Architecture; only, being formewhat expensive, 'tis but little

FOR YIFIGATION, according to Monf. Vauban's Method, supposes the outer Polygon in the larger Fortifications to be supposes the outer robys in the larger robustances where too, in the finaller, 86; and in the middle Size so: The Faces are made 5 of the fame; the Perpendicular, in a figurar, 5, in a Fenzagon 5, in the other Polygons 4 of the fame. The Complement of the Face to the Line of Defence, bemakes equal to the Dillinner of the Epsale: It will see that the property of the Polygon of th

makes equal to the Dillance of the Espaule: He uses re-entering and errorked Flanks, and places a low Tensille be-fore the Cartain; and the Dutch Ravelin with Lunettes. This Method of furtifying pleates most People; both as it increases the Strength, without much Espance; and as it is perfectly well accommodated to the Principles of military Asthericans above bid down

Architecture, above laid down.

Yet it feems defective in this, that the Faces are too much expos'd to the View of the Enemy, and that the Lunctus are a little too long to be defended.

Monf. Vauban's newer Method of FORTIFYING, is that

Monf. Vauban's newer Method of Forrevine, is that which builds large Battions before fmall ones, and covers the Courtin with a double Ravelin; drawing a low Tenaille

before the fame Curtain. Detached Baltions are perfectly fuitable to what we have deliver'd in the former Method; excepting that the Flanks are rectilinear, and deflitute of an Orillon.

are rectilinear, and defilired of an Orillon.

FORTIFICATION, according to the Mothed of Scheiner, Burpoles the external Polygon, in the larger Terrifications to Hugge the Polygon of the Polygon of the Company of the Polygon of the Lines of Defence; and the Lines of Defence in the greater Fortifications 70 Perches, in the lefter 6e, and the middle Sine 6;
It denthes Biffition from the Certain, and forms a kind of near Record behind the Certain I: a filtence the display

of inner Receis behind the Curtain: It alliumes he Angie of the Ballion, in a Square, to be 64 Degrees; to this ad-ding 8, the Product is the Angie in a Pentagon; to which adding fix Degrees, the Sum is the Angie of the Batilion in a Hengon; and adding 5 to this, the Sum is the fame An-

gle in a Hepungen.

FORTIN, a Diminutive of the Word Fort, imp EXACIIN, a Liminative of the Word Fort, importing a little Fort, or Sconce, call'd alfo Field Fort, built in Hafle, for defence of a Pafs, or Poft; but particularly to defined a Camp, in the time of a Siege, where the principal Quarters are joinly, or made to communicate with each other by Little definded by Fortins and Redoubts.

Fortists being very small, their slank'd Angles are generally 120 Fathom distant from each other; but their Figure and Extent is various, according to the Piace and Occasion; some having whole Bashions, and others only half Bashions. Sec REDOUBT.

Star-For yan, is that whose Sides flank each other, &c.

See Star For T. See Saw Fort.

FORTUNA, in our antient Law Books, is the same with
what we call Treasure-Trove. See Treasure-Trove.

Trefarmen advaceste Fortuna invenire inquirendam of the
12 Turatures for Regs. &c. quad fidditer prefinantum, &c.
emust Fortuna, adjurationes, appella, &c.

Speiman tella us, it also figuines Fortuits occifor; but this

Speiman tella us, it also figuines Fortuits occifor; but this

Sjemma rella us, it also figuithes Fortutio ecopies; but time Genes to be very fanciful. Soc Sac. Robana. A FORTUNATE Ilfamét, in the santene Geography, an Appellation which has given the Criticks and Antiquaries a world of Perplexity; being a Denomination of a Place fa-mous for Golden Apples, which grow therein: Or, as Farre fay, for Sheep, with Golden Floeces.

The Anticus delective them as flourare without the Straights

of Gibraltar, in the Atlantic Ocean.

The common Opinion of the Moderns takes them for the Ganary Illands; grounded principally on the Situation and Temperature of those Islands, which renders the mic of Cloaths unnecessary; and the Abundance of Oranges, Le-mons, Grapes and other delicious Fruit growing therein. Sec GOLDEN Fleece.

Ol. Rudbecks has found a very different Place for them. That learned Author, who makes his native Country Sus-den the Scene of all that is great and extraordinary in antient Tradition and Fable ; will have the Fortunate Islands

to be Sweden. The delicious Fruits, talk'd off by the Antients, his Ima-gination fuggeds, were nothing but the Virtue, and good Manners, which antiently flourish'd in that cold Hyperborean

FORTUNE, fee Providence, Fare, &c.
The Name Fortune, riys, was unknown in the earlier
Ages; and does not occur either in Homer, or Hefted; as not being yet invented.

In After-days, it was introduc'd as a Machine; and made to ferve divers Perpofes in Natural Philosophy, and Theo-

logy.

Men observing a world of Evils, and Diforders to fall out;
and not daring directly to complain of Providence; and being willing withal to excuse themselves from being the Occasions of their own Misfortunes, had recourse to the Notion of Fortune: Against whom they might vent all their Resentments impuni

Plutarety, in an expects Treatife of the Fortune of the Ro-mans, accounts for the Practice of the antient Poets, who feet on make Jupiter the Author of all the Evils of Life. Mankind, he observes, before the Name of Fortune had got into the Weeld, perceiving a certain arbitrary Cases, disposi-tion of thions in an inselfable season. ing of things in an irrefaltible manner, call'd it God; but the fame Caufe being often observ'd to act at random, and without any Rule or Order at all; the supreme Being came knowledg'd in his flead. See Dasvine.

It is not caff to unravel, what the Antients meant by the

Name Fortune

The Romans understood by it, I know not what Principle

The Remain suncertood by it, know not want Principle of Fortners, whereby things came to pals, without being no-cellitated thereto; but what, and whence that Principle is, they do not feem to have ever precilely thought: Whence their Philosophers are often intimating, that Men only fram'd the phantom Fortner to hide their Igorance; and that they call Fortner whatever befalls a Man, without his knowing why Javenal affirms, it was Men who made a Deity of For-

Nullum Numen abest si sit prudentia; sed te, nos fa-imus, Fortuna, Deam, Calogue locamus.

According to the Sentiment of the Heathens, therefore, Fertune, at Bottom, was only the Artival of Things in a fud-den and unexpected Manner, without any apparent Caufe, or Reafon: So that the Philosophical Senfe of the Word, coincides with what is vulgarily call d Chancer. So CIANCE. But in Religion it had a further FORCE I Alters and Temes in great Numbers were confectated to this Fortune, as

Deity This intimates, that the Heathens had perionify'd, and en deify'd their Chance ; and conceiv'd her as a fort of Godeven desity of their Chance; and conceived her as a lort of God-defs, who dispost of the Fate of Men at her pleasure. Hence that Invocation of Horace, O Diras gratum que re-git Antium; in the 35th Ode of the first Book, where he recommends Anguifus, then preparing for a Visit to Britain, to her Protection

From these different Sentiments it may be inser'd, that the Antients at one time took Fortune for a peremptory Caufe, bent upon doing good to fome, and perfecuting others: And fometimes for a blind, inconftant Caufe, without any

View or Determination at all. View of Determination at all.

If then the Word Fortune had no certain Idea in the
Mouth of those who erected Altars to her; much less can it
be ascertain'd what it denotes in the Mind of those who use the Word in their Writings.

They who would subtitute the Name Providence in lieu of that of Fortune, cannot give any tolerable Sense to balf the Phrases wherein the Word occurs.

the Tanies wherein the Word occurs.

To thefe, or, or we must always difficul Fortune, but effectively when the Icems to fister to most? The Contempt of the Icems to fister to most? The Contempt of their Merit against the Injustice of Fortune, by a Contempt of those very Benefits the deprives them off! Fortune is to blind, that samidt a Croad, wheelin there is but one wife Man, we must not imagin the will trace him out, to accumulate him with the Favour.

On these and the like Occasions, the Word Providence On their and the like Occations, the Word Y'POststews cannot be fabritured in lite of Fortune. The Idea answer-ing to the Expection, is Pagan, as well as the Expection it felit. Add, that it is Fault, even in point of Accuracy, to we a Term that fightlic nothing; as much as it is in point of Religion, to efficient Persume with Providence, in the Di-

rection of the Universe.

Horace paints the Goddels, preceded by Necessity, holding Nails and Wedges in her Hands, with a Cramp-tron, and meteod Lead to fasten it; rarely accompanied with Fidelity, unless when she absodons a Family; for in that cale

Addity, under when the absordant Family, for in that off-Edicity sever filial to open with the year used as Friends. The Painters repretent her in a Woman's Habyr, with a Bandage before her beyes, to flow that the dis without Dif-Bandage before her beyes, to flow that the dis without Dif-Tale Roman, floy Jaffattirin, reprefered her with a Com-montyla, and the Holm of a Ship, no flow that the dain-bare Roman, floy Jaffattirin, reprefered her with a Com-monityla, and the Holm of a Ship, no flow that the dain-bare Roman and the Company of the World. In ef-fect, the with fall than flow, that we for her prejected as Q. I. and the Company of the Company of the Com-pany of the Company of the Company of the Com-tant of the Company of the Company of the Com-tant of the Company of the Company of the Com-tant of the Company of the Company of the Company of the Roman Man and Male, and Fernic Personse for the The Roman Stat Alle, and Fernic Personse for the

Cornscopia in the other.

The Remosts had a Male, and Female Ferture for the
Objects of their Adopation: The Fertura Firliti, becourf of
by the Men, and the Fertura Mattlevis, by the Women.
On the Reverie of a Medal of Commoduli, we have a Representation of Ferture, under the Quality, or Surrame of
Maneus, i.e. flable, permisent; helding a Herle by the
Reim. On the Greek Medals we mere with Arthitic or

MAAH TTXH, Good Fortune. Constantine gave the Epithet Anthonsia, i. e. flourishing, to the Fortune of his new City

Guifactiustic.

FORCM, in Andquity, is u'vl is diver Acoptation.

Sometimes for a Pinc of Negritation, or Merchandrish,

adverting neur Index Pince; in which feels it has utilised deviceing neur Index Pince; in which feels it has utilised Market; Forum Pification, the Hift Market; Olivarious Forum, the Hoth Market, Olivarious Forum, to Justice and Forum, again, it and for any Pince, where oligomer, also coeding to Courle of Law Whence a Man is full Forum gere, when he keeps the Affiness Forum indicers, when he appoints the Pince where they are to be keep (50° or Forum in the part of the Pince of the Courle of the Cou

ver'd to the People. ver'd to the People.

Of the'b Forum; there were leveral; at first only three, viz. Romistimus, Julianum, and Angustimu. But that Number was afterwards increased to fix, by the Addition of the Transferium, call'd also Palladium; the Trojosum, and

Sainftii Forum. The first, and most eminent of these, was the Forum Romanum, call'd also Forum Vetus; and absolutely, Forum,

or the Forum.

or the fortim.

In this was an Apartment, call'd the Roffra, where the Lawyers pleaded; the Officers harangued; Fascral Orations were deliver'd, &c. See Rosvra, In the fame Forum was the Comittium, or Hall of Juffice, with the Sanctuary of Saturn, the Temple of Caffer, &c.

See COMITIUM Forum is allo us'd among Cafuitts, &c. for Jurifdiction. Thus, they fay in Fore Logic, or the Outer Forum, i.e. in the Eye of the Law, or the common Courte of Juffice: In Fore Confeientie, or the Inner Forum, i.e. in the Eye of

GOD, or a Man's own Confcience.

GOD, or a Man's own Confedence.
There are a great many things not condema'd in Fere Legit, which yer are criminal in Fere Confedentes—FOSS, in Fortification, E.c. a Dirter, &c. Most. See Dirter, &c.
The Word is form'd of the Participle Foffum, of the

Verb fodio, I dig.—

Foss, in Anatomy, a kind of Cavity in a Bone, with a large Aperture, but no Exit, or Perforation.

When the Aperture is very narrow, it is called a Sinus. In the Cranium there are fix internal, and fourteen extend Fosses. The Cavity of the Orbit, which contains the ternal Foffes.

Eye, is a Foß. Lye, is a Fift.

Foss is particularly us'd for a Cavity, or Denture in the Back Part of the Neck. See Necx.

Foss. Wey, was actiently one of the four great Highways of England; to call'd, because in some Places it was never.

Perfected, but leit WATLING Street. ed, but left as a great Ditch. See Way, see also

WATLING 37fet.

FOSSA Magna, or Novicularis, is an oblong Cavity, forming the Initial of the Puleculum Multibre, and which preficate it fell upon opening the Labias and it in the Middle whereof are the Garmanda Myrifforms. See Punxanum Fossa, in our antient Callone, was a Dirch, full of Water, where Women; committing Felony, were drowned; but Mark had a seed to the Carlo of the Cavity of the

en hanged. Nam & ifft in omnibus tenementis fuis omnens ab antiquo legalem habucre justitiam, videlices ferrum, fostam, furcas, & fimilia. See Funca.

In another Senfe 'tis taken for a Grave, 2s appears by

thefe old Verfes;
Hie jacent in Fofså Bron venerabilis offa, Hic oft foffatus, qui bes crat bic cathedratus.

FOSSARII, in intiguity, a lind of Officers in do Eulem Construction of the Construction of Tradelines I leaded, but they were exempted from Takes, when he sook out of the Construction of Tradelines I leaded, but they were exempted from Takes, but the Faffert were citability in the times of the Age-off the Construction of the Construction of the Age-off Amazir, and those Ferrins full of the Fose of COD, who inserted So. Stephen, were of the Number.

The Construction of the Construct

Place among the Clerks: But he is to be underflood of those who had the Direction and Intendance of the Interment of FOSSIL Kingdom. The Chemifts divide all Bodies into three Claffes, or Kingdoms; viz. Folfil, or Mineral; Vethree Claffes, or Kingdoms; viz. Foffil, or Mineral; Vo-getable; and Animal. See each in its Place, Fossit, Vz-

ONTABLE, Sci.

Forsit, is in Natural Hiffory, is us'd, in a general Senfe, for any thing dug up, or found under Ground. Such are all Minerals, Medicals, Rock Sairle, Feffi Beras, Eff.

There are allo Feffi Sair Jerre, Feffi Beras, Eff.
Fossits may be diltinguish I don't Such as are Natives' of the Earth; and a Such as are asternations and are described as a declaration of the Earth; and a Such as are asternations and are dependently Medicals. Be and expenses the such properties of the Earth; and a Such as a series of the Earth; and a series of the Earth

Deluges, Sc. Native Possits, or Possits properly fo called, are firifily defind to be fenfible Bodies generated, and growing in, and of the Earth; whose coeffitment Parts are so simple, and homogeneous, that there is no apparent Diffinction of Veffels, and Juices; between the Part, and the Whole.

Native Fosits are either Simple, or Compound. Simple Possits are thole, whole Parts, however divided,

are all of the same Nature, i.e. of the same Gravity, Mag-nitude, Figure, Hardness, and Mobility. Such is Quickfilver, which, however divided, is always found the fame.

Compound Fossies are those which may be divided into

different, or diffirmilar Parts.

As Astimony, which may be refolv'd by Fire-into Sulphar, and a Metalline Part.

phar, and a Metalline Part.

The Simple Fifth are all Metals, Sales, Stones, both valgar and pretions, and Earths. See Metal, Salty, Stones, and Earths. See Metal, Salty, Stones, and Earth.

The Compound Fossils are all Sulphurs, all Semimetals, and the second or what we properly call Minerals; and all Bedies com-bin'd out of any two, or more of the preceding, either Simple, or Compound Foffils. See Sulphur, and Semi-

METAL.

Attention. Advantage Fostis, include the fubtera-cross Exarise of Sea and Land Annuals, and even respon-bers as Solich, bosses, Techs. Learner, Solis, C., subhase to the control of the control of the control of the Thefe Extrasona Ediffi have employd the Candidity of Fevent of our lateful and bell. Naturalist, who have each their fevent Sytlem to account for the furprising. Appear-ances of perifyld Societies, in Places in cronect from the Sea, and on the Tope of Mountains Shelis in the Middle of Quarters of South Explanta Techs, and Boze of Girl of Quarters of South Explanta Techs, and Boze of Girl

of Quarries of Stones: Elephants Teeth, and Bones of di-vers Animals, peculiar to the Southern Cümates; and Plants only growing in the Eath, found in our Northern and We-ffere Parts. See SHELL, &C. Some will have these Shells, Spr. to be real Stones, and Stone Plants, form'd after the usual manner of other figured Stones, and Stones Plants: Of which Opinion is our learned

Dr. Jifer.

The Author, the' he allows of petrify'd Shells on the Sea Shores, will by no means agree, that there are any flash Petrifactions in the Middand Countries. The Shell-like Stones, found in our Quarries, he contends, are Inspident just general; and never were any Part of an Admini. His Reafons are, that their Matter, and Texture, is perfelly the farm with that of the Rock, or Quarry, where they

are taken; as Iron-flone Shells are all Iron-flone; Spar, or Cryfialline, all Sparr, &c. That Quarties of different Stoop yield different Sorts of thefe Shells: And that there are no Animals in Nature, which yield any thing exactly like them?

Animals in Nature, which yield any timing exactly like tockin.

See Syone, and Syone Plant.

But 1º Thefe Shells found under Ground, are perfettly
conformable to thole in the Sea in Figure, Sabiliance, Magnitude, 25c. 2º The Subtance of their Fifths differs either
tillly from the commen Subfinance of Sonose. This tract, we thatly from the common Subflance of Stones. "Tis tree, we frequently find them cover'd, or incrediated with a Mineral, or Stony Matter, which has gradually infinuated is felf into the Fores, but it is eatly dilliogathing that Matter from the Subflance of the Shell.

Subtrance or the Shell.

The common Opision is, that thefe fuffit Shells, with all other foreign Bodies, found within the Earth, as Bones, Trees, Plants, &c. were buried therein at the time of the universal Delage; and that having been penetrated either by the Bituminous Matter, abounding chiefly in watery & Places.

Places; or by the Salts of the Earth, they have been pre-erv'd entire, and fometimes petrify'd. See Deloce. Others think, that those Shells, found at the Tops of the highest Mountains, could never have been carried thither Algoris Mountains, could never have been carnot chisher by the Verex, seen of the Delege; indimach as medt of by the Verex, seen of the Delege; indimach as medt of always remain at the Bottom of the Water, and never more but cofo along the Ground.

They imagine, that a Year's Cominumor of the Water, or the Delege; intermited with the fall Water of the Sea, upon the Sarface of the Earth, might well give occasion to the Poolskin of Shells of Givens thush in different Cli-

mates; and that the univerful Saltness of the Water was the real Cause of their Resemblance with the Sea Shells. The Lakes form'd dayly by the Retention of Rain, or Spring

The Lakes form d dayly by the Recontinum or scans, or space, Water, produce different Kinds.

Others think, that the Waters of the Sea, and the Ri-vers, with those which fell from Heaven, turn'd the whole Surface of the Earth upfied downs after the finne manner as the Waters of the Loire, and other Rivers, which roll in Condo Beatth upfied consult their Scotle and creat as the waters of the Lorr, and other Gives, which rou in a Sindy Bottom overturn all their Sinds, and even the Earth it felf, in their Swelliegs and Insudations: And that in this General Salverfron, the Shells come to be istered here, Fiftes there, Trees there, 65. So the Fourza et al. Gazuna, M. DOC N. p. 19. and the Ment. & Tree.

del outward, an EMCAT. P. 19. can common format of the Till.

Till.

Dr. Woodward, in his Nat. Hilbery of the Earth. That legenious Author maintains the whole Mals of Earth, with legenious Author maintains the whole Mals of Earth, with a legenious Author maintains the book when the book, and diffully a legenious three the Delaye, that a new Earth was found in the Edoton of the Waste, conditing of different format in the Edoton of the Waste, conditing of different cases. form'd m the Bolom of the Water, conshitting of dimersal Strata, or Bods of terrefirlial Matter, ranged over each other nearity, according to the Order of their lipecifick Gravities. See Straxars. By this means, Plants, Alminsis, and effor-cially Filhnes, and Shelis, not yet difficived among the rela-tion of the strategy of the strategy of the strategy of the fill Matters; where the strategy of the strategy of the retained their Figures and Imprecisions, either indennetity, or in Patients. in Relievo.

in Relievo.

Comerarius attacks this Sentiment of Dr. Woodcourd, and
goes yet higher. He supposes to "That the greatest Part of
the Shils now dug from under Grand, had been placed
there before the Delage, that is, at the Time of the Creation, when God separant the Earth from Waters. of "Dat
without having recourts to the Dissolution of the Earth by
the Waters. commission for the Shill Waters. The Shill Waters are maintained for the Shill Waters. the Waters one might suppose most of them to have slipped in at the Chinks and Crevices naturally happening after the Waters were retird, and the Earth sufficiently drain'd. 3° That particular Inundations might have fwept me thefe Shells into the Places where we now find them. That the Sea may have wrought, or east up most of these Shells through fubrerraneous Spiracles and Canals. 5° That Shells through fubterraneous Spiracles and Canals. 5° That GOD has created divers Stony and Metalline Bodies, per-fectly like the Vegetables and Animals, we fee on Earth,

and in the Sea

and in the Sex.—
To all their Sexportions, Dr. Hondard and notes, a "That I'm a ways probable, God floudd create fact a Number it is no ways probable, God floudd create fact a Number ways probable, God floudd create fact a Number with a Defign to deferre the same species, wits easy to distinguish different Ages. That form a prepare precisely safe integrated for the same process, which was the probable of the fact of the same process, and under Ground, but all Sensor of Quadroports, Planta, and Trees of extensionary Sixes and which are not of the Number of extensionary Sixes and which are not of the Number of extensionary Sixes and which are not of the Number of extensionary Sixes and which are not of the Number of extensionary Sixes and which are not of the Number of extensionary Sixes and which are not of the Carlo of the Sixes when the Hall Days and this none of their Ground by a sixes of the Sixes when the dipped prepared to the sixes of That we floudd fomestimes find of them in the Ceffs of the Earth, of which there is some has where they are breket. «That we have nodequatantone with may of their premended intensitions." That they could rever how brooks the fine flourist the properties of the second of the country of the second of the second of the second of the second flower, to register and earth of the present place and for the second of the second of the second of the second second of the second of the second of the second of the second second of the Supposition it must be held, har God deline only central their sevent Bodies in the Tartils of the Earth is het their for veral Potters, and the features Proces and Fragments of those França Frice of a Solid, for Instruce, as Bodie of Solid, which their sevent is the second country. Bodies of Solid, which was the second country and their second

Analysis, a Quantity of Sea Salt: That among the felfill Texts of Fifhes, we meet with some apparently worn: And latily, that the Shell Fish called Purple, has a long sharp Tonaum, by means whereof it pierces other Shells and Intity, that the Shell Fills called Yimpir, has a long filter Trongue, by means whereof it pierces other Shells, and picks the Fifth out of them; and that in digging under Ground we acknally meet with divers of their Shells thus pierch. Can fach minner, there packed Refemblances be accidental Effect of a Lagint Nature!

This is the Sabblance of what has hitherto been advanced on the Frient.

vanced on the Feint.
FOSTERLEAN, antiently fignify'd Nuptial Gifts: Much
the fame with what we now call Jeinture. Sec JOHNTONE,
The Word is originally Saxon, and fignifies Ciberam
exhibitio, that is, a Stipend which the Wite has for her Maintenance.

Posten sciendum est cui Fosterlean pertineat, vadiet koc Brigdunie, & plegient amici sui. FOTUS, in Medicine, the same at Fomentation. See

FOMENTATION

FOVEA Cordit, the Hollow of the Heart. See HEART FOUGABLE, or Foodass, in the Art of War; a kind of little Mine, in manner of a Well, learner cording ton Food in Width, and twelve in Depths, dug under forme Work, or piece of Fortification, and charged with Barrels or Sacks of Composeder. This fet on firm like other Mines, with a Saucidge. See Minn.
The Word is French. M. Hast derives it from focata, of

Ei.

FOULE, in the Sea Language, is pa'd in various Se tive. When a Ship has been long untrimm'd, fo that Grals, Weeds, Petriwinkles, Barnacles, or the like flick or grow where Melec under Water, her is find to be found. Applies, Rece is fail to be fail, when it is diverte ranged in it fail.

A Ship is fail to be fail, when it is diverte ranged in it fail.

A Ship is fail to make fail Water, who being under Sail, fill the control into fails. Show, or low Water, but the fails Keel on set work the Ground yet the comes is keen in that the Berman, and fo fair the Water.

EOUNDATION, that Part of imports making under Gound.

EVENT AND A SHIP IN to her Sides under Water, the is faid to be foule.

rais'd. See Building.

The Foundation is properly fo much of the Masonry, as reaches as high as the Surface of the Ground; and is always to be proportion'd to the Load, or Weight of the Building it is to bear

Sometimes it is maffive, and continued under the whole Sonoctimes it is maistree, and continued under the whole Building a sin the antique Arches, and Aqueducht, and fome Amphitheatres: More ufually it is only in Spaces, or Intervals; either to avoid Expence, or bocade the Vacuities are at too great a diffance, in which latter cafe they make use of indicated Philars, bound together by Arches.—
That we may found our Habitation firmly, Jays Sir H.Wotton,

That we may found our Habitation nrmmy, 18\u03b3 cor Lifetium, we mail first examine the Bed of Earth, upon which we are to build; and then the Under-ciclings, or Subfruction, as the Anticase call'd it. For the former, we have a general Precept in Virturains, Subfruction in Pundations foldants, if guest investing as foldants of in foliate: By which he recommends to the property of the property o not only a diligent, but even jouloui Estaministico of what the Soli will beary a dividing an ost on the question goodslity, ander the whole Mould that which we car, have likewish been field. But how deep we fload go in his board was a whole of determined, as perhaps desirable posters, and the source of the property of the Work 12 or Palladio has versuled to reduce it up a Rule; allowing for the Coraffors, i.e. bollowing or under-diging, a first in Farr of the Height of the whole Palladio, water there he Cellus under forces to the Height of the whole Palladio, and the property of the work of the property of the property of the property of the work of the property of the work of the work of the property of the work of the wor not only a diligent, but even jealous Examination of what

The Foundations of Buildings are either Natural, or Artificial.

Natural, as when we build on a Rock, or a very folid Earth; in which case we need not seek for any further Strengthen-

the.

But, if the Ground be fandy, or marflay, or have lately
been dug, in facts cale recourse must be had to Art. In the
former Cale, the Architect must adjust the Depth of the
former Gale, the Architect must adjust the Depth of the
former Gale, the Architect must adjust the Depth of the
former Gale and the Height, Weight, Efc. of the Estilding: A
former Gale and Gale and Gale and Gale and Gale
former Gale and Gale and Gale
former Ga Where the Natural Foundation may not be trufted, they cither fartify the Ground by pallifying it, i. e. driving it full of Piles; fee PALLIFICATION: Or elle lay large wooden Planks at the Bettom of the Trenches, dug for the Founda-

In fome Places they found the Peers of Bridges, and other Buildings near the Water, on Sacks of Wool, laid like Ma-traffes a which being well prefi d; and greaty, will never give way, not rot in Water. FOUNDATION is also us'd for the Establishment of a City.

or Empi

The Romans reakon'd their Years from the Foundation of Rome, Ab Urbe Condita; which we fortestimes express by of Renms, At Urbe Condities which we Contentine expect by a U.G. Chronologues make 479. Crease from the patting a U.G. Chronologues make 479. Crease from the patting for the Chronologues and the pattern of the Contentine of Co

FOUNDER, He who lays a Foundation 4 or who founds and endows a Church, School, Religious Hosfe, or other Work of Charity and Tiery. See Foundation. The Founders of Churches may preferve to themfelves the Right of Patronage, or Prefentation to the Living. See

PATRONAGE.

PATRONACE.

FOUNDER, is also an Artist that meles, or casts Metals into various Forms, for divers Ufes; as Gans, Bells, Statuce, Bomhs, Types or Prinsing Characters, and other famil Works, as Candelinkes, Bitus, Buckles, Gr.

The Ward is form of of the Process fronders, to melt, or fule. In the Roman Law they are call'd Patrantic.

From the diffreent Productions, or Works of the Punders, form the diffreent Productions, or Works of the Punders, form the diffreent Productions, or Works of the Punders, for the Punders of the Pun

From the different Probabilism or Works of the, Pranders, they we differently denominated, a Almane of joint Works, 20th Swaders 5 Gar Founders, Letter Founders) and even What belong to each, fee under the Article Eventury. Youwna, in the Sea Language; a Ship in fail to friender at Sox, when by an enternellatury Each, or by a great or Sox, when by an enternellatury Each, or by a great fails with the Weight thereof.—Each, or by a great flaw with the Weight thereof.—Garden in More, where of there are two Kinds, wite in the Feet, and in the Cliff. Prandering in the Feet, and for home Alkilling, for Labour, great Hears, Indeen Cook, gre, which inflame the the Creek, and there feetly well-the freetly well-the control of the Press of the Press of the Cook of the Cook of the Press Blood, mick the Greafe, and make it defend downward to the Feet, and there freigh which cauche sich a Nambodis, the Feet of the Great of the Great of the Great of the Necling thereof, being hardly able to itsud, or when he does, flashing and trembling, as if he had an Ague. A Hode may likewife be founded by weening frieight and the great of the Great of the Great of the Great I may be known when he is founder's on his Droffeet, and not his Hindfeet, by his treading only on his Hindfeet, and great the Great of the Great of the Great of the Great of Feet of the Great of the Great of the Great of the Great of Feet of the Great of the Gre

on no national sources.

Sometimes, the rately, he is founder'd on his Hindfiet, and not his bore; which is known by his lecturing weak behind, and refling as much as politicle on the Forcinet.

The general Michael of carrier is his Difference, are first by paring all the Horie's Soles, so thin that the Quick may be leen; then bleeding him well at even "the "he may be leen; then bleeding him well at even "the "he may be from the mine the difference of the mine that the contract of the second se

I have been at the three the control of the three three three the left be leen, then belong him well at every The, Hopping the Vein with Thilow and Rodin; and having tack how the left belong the three thr

him siter it.

The Effect of whitch, is, that his Body is opprechied with
The Hamors, which take away his Strength, and pat him in
fach Condition, that he can neither go, nor bow his Johns,
and being once isale, cannor rife again, gif. His Legs fredit;
and foon after begin to pect: He has a dry Cough, which
makes his Eyes water, his Nofe runs with white phelgma-

tic Matter, & tie Matter, Ed.
FOUNDRY, or FOUNDRY, the Art of melting and
cating all forts of Metals, particularly Brafs, Iron, Bell
Metal, Ed. See Maraz, Foston, &c.
The Word is allo m'd for a Fisco, or Work-house, furnish'd
with Furnacce, or Forges for this Purpole. See Founace.

FOUNDRY of Small Works, or the Manner of Cashing in Sand.

The Sand us'd by the Founders, in casting of Brais, &c. is yellowish, pretty fost, and greaty; but after it has been us'd, becomes quite black, by reason of the Charcoal Dust

as'd in the Moulds. Every time they would use this Sand, they work and two its feveral times over in a Board about a foot figure, placed over a kind of Trouk, or Box, 'anto which it may fall from off the Board. This Tewlog is perform'd with a Rolleyer of Vinders, about two Foot long, and two Inches in Diameters; and a kind of Knift, made of the Blade of a Sword's With theic two Intruments they alternatively roll and cut the Saud, and at length turn it wn into the Box under neath.

down into the Box under neath. Then, raking a wooden Bornt, or Table, of a Length and Breath proportional to the Quantity of Things to be made a reaching proportional to the Quantity of Things to be made a form of Mondo. The Mondi the vegli with the Sun before peper, d, and a little modificitif. This does, they take wooden, or meanism Models, or Perezus of the Things where wooden, or meanism Models, or Perezus of the Things when the wooden or meanism Models, or Perezus of the Things of the wooden of the Wood is a list half in little Cylinder of Beful, which is no be the Malter Jee, or Canal is ir enamed the wooden of the woo one Side, and only to reach to the last Pattern on the other.

From this are plac'd several lesser jets, or Branches, reaching to each Pattern, whereby the Meral is convey'd thro'

the whole Frame.

This first Frame thus finish'd, they turn it upside down, to take out the Fatterns from the Sand: In order to which they first loosen them a little all round, with a small cutting

After the same manner they proceed to work the Coun-ter Part, or other Half of the Mould, with the same Parterns, in a Frame exactly like the former 5 excepting that it has Pins, which entring Holes, corresponding thereto in the other, make, that when the two are join'd together, the two Cavities of the Pattern fall exactly on each other.

Cavities of the Parier hill exactly on each other. The Frame thus monided, is carried to the Founder, or Melier, who after calarging the principal Jet, or Canal of the Counter Part, with a kind of Knife, and adding the Cro's Jets, or Canals to the feveral Patterns in both, and frinking them over with Mill Daff, sets them to dry in a frinking them over with Mill Daff, sets them to dry in a

Farnace.

When both Parts of the Mould are fufficiently dry'd, they join them together, by means of the Pins; and to prevent their flarting of flipping afiele by the Force of the Metal, which is to come in flaming hot thro' a Hole contriv'd at the Maiter Jet, they lock them in a kind of Prefi, either with Screws; or, if the Mould be too big, with

The Moulds thus put in Press, are rang'd near the Fur-nace, to be in Readioess, to receive the Meral as it comes

ont of the Crucible. While the Moulds are thus preparing, the Metal is put in Fusion in an earthen Crucibic, about ten Inches high, and

four in Diameter. The Furnace wherein the Fution is made, is much like

The Furnace wherein the Fusion is made, is much like the Smith's Forey, sharing like that a Chimney, no carry of the Smith's Forey, sharing like that a Chimney, no carry of the Smith, a pair of Beliows, to blow up the Fire; and a shifting, or Hearth, where the live is made, and the Garchies placed. This the Ule of this Muslim, that chiefly a bard of the Carchies placed. The chiefly carry in the true lands which, which goes no the very Buttom. It is divided into mose, by an immortant En opportunition freeze to held the Carchie and the Forey, to are crete the After.

When the Fewel, which is to be of dry Wood, is pretty well lighted, they put the Cruelble full of Meral in the Nid-dle, and cover it with an earthen Lid! And to increase the Force of the Fire, befide blowing it up with the Bellows, they lay 4 Tils over part of the Aperture or Cavity of the

Ferrance. The Metal being brought to a Floor, they fill the Cra-tible with pieces of Brah, Seaten in a Mortar. To part them to prove the Brah, Seaten in a Mortar. To part them to the theory of the seaten of the seaten of the seaten Sanda at the East theory, from the about Cy-linder, one of which the Ball is drop?. And the seaten of the Cracible out of the Fire, and carry it in a Fair of iron Traguate (which Ferra beat, the better to enclaste the Toy of the Cracible) to the Moulat into which he pour Moulat. The Cracible of the Moulat into which he pour

Thus he goes fucceffively from one to another, till his Cracible is emptied, or there is not Matter enough left for another Mould.

another Mould.
Then, esting cold Water on the Moulds; they take the
Frames our of the Peelles, and the Cail-works out of the
Soud, which they work again for another Cailing. Latily,
Soud, which the, work again for another Cailing. Latily,
the who belipke it, without any further repairing.

FOUNDRY of Statues, Great Guns, and Bells-

The Art of Cashing Statues in Brass, is very antient; In much that its Origin was too remote and obscure, even so the Refearch of Pluny, an Author admirably fkill'd at dif-

the Melearch of Piney, an Author admirably Build at edi-covering the Inventors of other I, that it was pedicived in: All we can learn for certain, is, that it was pedicived in mong the Remarker: And that the Number of Stausac con-ferenced to the Gods and Hero's, furguist all Bellef. The fingle Civics of Athers, Depleys, Robert, &c. had each score Statues; and Marcus Seasurus, tho' only Addie, adorn'd the Circus with no left into 2000 Statues of Brafis, adorn'd the Circus with no left into 2000 Statues of Brafis,

for the time of the CarcenfianGames.

tot the time of the CircuiflanGames.
This Talle for States was carried to fach a Pitch, that it became a Proverb, That is Rome the People of Brais were not less numerous than the Romes People.
Among us, the eatling of Statues was but little known, or pathled before the Sevencenth Censury. See Sparus.
An observation of Statues was but little known, or pathled before the Sevencenth Censury. See Sparus.
An of the Coffing of Game, the quite Modelen and it were pathled to the Modelen and it were pathled to the Modelen and it were pathled to the Modelen and the Modelen and

All the Authors agree, that the first Canon were cast in the fourteenth Century; the' some fix the Event to the

Year 1338; and others to 1380. See Canon, Ordnance, The Casting of Bells is of a middle Standing, between

The capting of Bean is or a microscorology.

The Ufe of Bells is certainly very ancient in the Weifern Church; and the fame were likewife sa'd in the Church of the Eaft. But at prefent Pather Vanflet affairs us, in his fecond Account of Egypt, he had found but one Bell in all the Eaftern Church, and that in a Monaftery in the up-

per Egypt. See Brll.

The Matter of these large Works is rarely any simple Metal, but commonly a Mixture of several, as Brais, Bell Metal, Es. We shall here give the Process in the Foundary

Method of casting Statues, or Figures.

There are there chings chiefly oncyld in eating of Su-tres.

There are there chings chiefly oncyld in eating of Su-tres.

The Rend, the Mould, Wax, and Shell or Cost.

The Abould, or Core, (thus call from Getre, a being in the Heart, or Middle of the Stene) is a rode, impuls its the Heart, or Middle of the Stene) is a rode, impuls its on as its off cases, through crough to fishin it, and is froughead withinfied by foreral Bean or Ribs of Iron.

It may be made indifferently of two Series of Marter, at

the Difcretion of the Workmen, vie. Potters Earth mix'd the Direction of the Workmen, one. Focus Earth mixed with Hofest Dung and Hair, or of Phaifice of Paris, mixed with fine Brick Dull.

State of Paris, and fixed Wealth of the Workmen and fixed Metal. In Bellis it takes up all the infide, and preferres the vacant Space where the Chapper is hung. In Genet Guas it forms the whole Birrel, from the Mouch to the Breech: And in Mearars, the Barrel, and Chamber.

"The Was is a Repreferation of the intended Statuse in

If it be a piece of Sculpture, the Wax mail be all of the Sculptor's own Hand, who usually fashions it on the Mould it felf. The it may be wrought a-part in Cavities

the Scalpear's own Hend, who usually faithens is on the Monal is fell. The it may be wrought a part in Cavidea and all fell. The it is may be wrought a part in Cavidea and the control of the fell of

the Shell and the mount.

The Matter of this outer Cover, or Shell, is varied according as different Lays, or Streat are applyed. The first
is a Composition of putry and old Crucibles well ground,
and fifted, and mixed up with Water, to the Consistence

- Colour five For Paintine, Accordingly, they asnow it with and sired, and mixe up with water, to the Considence of a Colour from Fatness, Accordingly, they apply it with a Feed, laying it feven or eight times over; letting it dry betwist whiles. For the focused impercifies they add Horfe's Dung, and natural Earth to the Gromer Composition: The third impercificon is only Horfe's Dung and Earth. Laftly, the Shell is finish'd by taying on several more Impressions of this last Matter made very thick with the Hand.

The Shell thus sinish'd is secur'd and strengthen'd by fe-

woral Bands or Girts of Iron wound around it at haif a Foot's Diffance from one another, and fiften'd at Bottom to the

Grate under the Statue, and s-top to a Circle of Iron, where they all retrainate.

wacre they all eterminate. Here it mad be objected, that if the Statue be so big, that it work be easy to move the Mould when this provided, it must be arought on the Spot where it is to be east. This is performed two ways: In the first, a square Hole it dug under Ground, much bigger than the Mould to be made therein; and its Josses when the Mould to be made therein; and its Josses when the Mould to be made therein. flone or Brick. At the Bottom is made a Hole of the tione or Brick. At the Bottom is made a Hole of the time Materials, with a kind of Funnete, baving in Appr-ture outwards. In this is a Fire to be lighted, to day the Moudd, and aforemark melt the Wax. Over this Funnes is placed the Genre; and on this the Mould, Eff. iramed at above explaind. Laffly, at one of the Edges of the fequare Pat is made another large Furnace to melt the Metal, as hereafter mention'd.

hereafter mention (a. In the other way, 'is sufficient to work the Mould above Ground; but with the same Precaution of a Furnace and Grate underneath. When finished, four Walls are to be run up around it; and by the Side thereof a Mattire made for a melting Furt

For the rest, the Method is the same in both.

The Mould being finish'd and inclosed between four Walls, whether under Ground, or above it; a moderate Fire is lighted in the Furance under it; and the Hole cover'd with Planks, that the Wax may melt gently down, and run out at Pipes contrived for the purpose at the Foot of the Mould, which are afterwards very exactly clos'd with Earth, as on as all the Wax is carried off.

This done, the Hole is fall'd up with Bricks thrown in at

random, and the Fire in the Furnace augmented, till fuch time as both the Bricks and the Mould become red hot; time as both the Entex and the Mould become red not; which ordinarily happen, in 24 Hours. Then, the Fire being extinguished, and everything rold again, they take out the Bricks, and fill up their Pirce with Earth, monitorid, and a Bittle beaten, to the Top of the Mould, in order to make it the more firm and flexible.

Things in this Condition, there remains nothing but to cit the Metal, and run it into the Mould. This is the Office of the Furnace above; which is made

This is the Olice of the Furnace above; which is made in manner of an Oven, which three Apertures; once to par in the Wood, another for a Vent, and a third to ran the Metal out at. From this lift Aperture, which is kept very close all the time the Metal is in Fufion, a lifted Tube or Canal is laid, whereby the molten Metal is conveyd into a large carbier Belon over the Month, into the Borton of a large earthen Bason over the Mould, into the Bottom of

a large earthen Bilon over the Mound, into the Bottom of which all the big Brunches of the Jets, which are to carry the Metal into all the Parts of the Mould, are inferred. It must be added, that thick Jets are all terminated, or flop'd with a kind of Jegs, which are kept clofe, that upon opening the Furnisce, the Brail, which guites out like a Turner of Pier, may not enter any of them, till the Bilon Turner of Pier, may not enter any of them, till the Bilon and the Bilon of the Bi Upon which pon which occasion they pull out the Plugs, which are ing iron Rods, with a Head at one End capable of filling the whole Diameter of each Tube. The Hole of the Fur-nace is open'd with a long piece of Iron, fitted at the End of each Pole; and the Mould filled in an Inflant.

The Work is now fmilh'd; at leaft fo much as belongs to the Casting; the reft being the Scalptor's or Carver's Bufi-nels; who, taking the Figure out of the Mould and Earth, it is encompais'd withal, faws off the Jets wherewith it appears cover'd over, and repairs it with Instruments proper to his Art, as Chiffels, Gravers, Pancheons, &c.

Bell FOUNDRY, or the Manner of casting Bells.

What has been hitherto flown of the Caffing of Sta-tues, holds, in proportion, of the Caffing of Bells: All that there is particular in these latter, is as follows.

that there is particular in thele latter, is as follows.

First, then, the Metal is different; there being no Tin
in the Metal of Statata; but no lefs than a Fifth Part in
that of Bells. Secondly, the Dimensions of the Mould, or
Core, and the Wax of Bells, especially if it be a Ring of
feveral Bells that is to be cash, are not left no Chance, or the Caprice of the Workman; but must be measured on a kind of Scale, or Diapaton, which gives the Height, A-perture, and Thickness necessary for the several Tones required.

It need not be added, that 'tis on the Wax, that the fe-veral Mouldings, and other Ornaments and Interiptions to be represented in Relievo on the Outside of the Bell, are

storm d.

The Clapper, or Tongue, is not properly a Part of the
Bell, but is furrillt'd from other Hands.
In Europe, it is usually of Iron, with a large Head at
the Extreme, and is suspended in the Middle of the Bell.

In China it is only a huge wooden Mallet, firuck by Force of Arm against the Bell i Whence they can have but little of that Concordancy fo muchad mird in forme of our Rings of Bells. The Chinafe have an extraordinary way of increading the Sound of their Bells, wie. by leaving a Hole under the Canon; which our Bell Founders would recken a Defect.

The Proportions of our Bells differ very much from those of the Chimese. In ours, the modern Proportions are to make the Diameter fifteen times the Thickness of the Ledge, and twelve rimes the Height.

The Manner of casting great Guns, or Pieces of Artillery. The Calling of Canons, Mortars, and other Pieces of Ar-tillery, is perform'd like that of Statues and Bells: Espe-cially as to what regards the Mould, Wax, Shell, Fur-

naccs, &c nacis, tie. Material is famewhat different from both 5 as having a Mixture of Tin, which is not in that of Stunets, and the third of Stunets, i.e. at the rate of the Ting of the Composeder in made, and diminifiing these to the the Ting of the Composeder in made, and diminifiing these to the the Ting of the Composeder in made, and diminifiing these to the the Ting of the Ting

the Breech is fix. Its Length is measur'd in Callipers, i.e. in Diameters of the Muzale. Six inches at the Muzale require 20 Callip-pers, or ten Feet in length: There is about § of an Inch al-low'd Play for the Ball.

Letter Founday, or the Manner of casting Printing Letters.

The Invention of Printing Letters we fluil Ipeak of under the Articles Rev. note that the Articles Rev. of the state of the Articles Rev. The two Things principally to be regarded in the citility of Letters, when Mantire, and the Articles Rev. of Letters, which desire the Articles Rev. note that the Articles

or Mineral, as his Experience directs him, no reader his Composition the harder—
The mell stull Proportion of the two Metals, it a hundred Found of Lead to recursty or recent five Foundation of the Lead of Bendy in the Proportion of the two Metals of Bendy, in the Proportion of the Composition of Bendy, in the Proportion of the Card by the Composition of the Card by the Card by

ders Art.

The Matrices of the Letters are Pieces of Copper, whereon the Imprefition of the intended Character has been cut, on the Imprefition of the intended Character has been cut, on the intended Character has been cut, or the intended Character has been cut, or the intended Character has been contained in the intended Character has been cut, and in the intended Character has been contained in the intended in the intended Character has been contained in the intended in th

or tirack in Cross, by means of Functions, Ge. graven in Reliero. See Matracts, Puotenton, Sc. Each Letter has its proper Matrix, and there are particular ones for Points, Virgulai, Figures, Ruice, Head-picce, and other Ornaments of Printing; Excepting the Quadrats, which being only of Lead, and not intended to leave any Imperition, are call without Matrices, and only in Mould's:

when bettig only or actual survey of the mean surve

inclou'd between two this pieces of Board, two or three In-tent feature, the two upper Angele being cat off, to as to compole an Irregular Message, Message and the search manning, are his between the pieces of Wood; ser a "Two Sect Plates, with each in Screen, to keep them full, at a diffuser from the Boards, a "Long Pieces, 3" A Piece at the Component of the Component of the Component of the pieces and the Component of the Component of the Component of the Controller, and at the Enterchy whereoff the Martine Spate, 3" A Jet yo which is what properly forms the Body of the Controller, and at the Enterchy whereoff the Martine Spate, 3" A Jet yo which is often of their Bussach, a re-Reguler, forming to region the two Party of the Maula Line. Register, serving to rejoin the two Parts of the Mould, after they have been open'd to take out the Letter, when

On the Outside of the Moulds are three other Pieces, On the Outlide of the Mealds are three other Preces, which the Bow, ab bottom; and two Hooks a top. The Bow is a thick Steel Wire, two or three Lines in Diameter; and eight or ten Juckels leng, been in a mainer of a Bow, or Arch; whereof the lower piece of Wood is as it were the Chard, or String. One End is faiften'd to the Board, and the other, which is left at liberry, [cryes, by its Spring, Elithicity to precia and textin the Martice of the Charafter against the Extremity of the Blank, where the melted Matter running in, makes the Impression.

Matter running 10, makes the Imperimon.
The Hooks a top of the Mould are also of Wire, about
the fame Size with the Bow, and about an Inch and half
long; being hiten'd, one of them to one Board, and the
other to the other. Their Uie is, to open the Mould, and
to take out the Character when caff, fo as the Workmun may not be incommoded with the Heat.

may use he incumoded with the liters. Keep thing belonging on the Mould being thus difficult, they begin to prepare the Matter. The learner, whereas he listed in placel for the Matal. The learner, whereas the learner at learner at

raile it to a proper around no use "nessions" of Copper.

Gener the Paraces is placed the Meding Balon, or Copper.

It is about time flocks in Dismerer, and six up the whole Aperture acopy foliage ven larden to it all round, with Evener Earth. In Matter is a kind of Per Mend; and that it may be fit for meding both hard and for Metals, it field wided into two cquid farts, by a perpendicular Partition, that is, the Museus or Composition made in the Cralifiest above mention! A little into Lade ferves to kin of the Sensies or Immediate from the Surface of the medical Mendies of the Mendies of the

Scorize or Impurities from the Surface of the melted Me-tal. These Scorize are not all lost, but serve to melt over

again. Two Workmen are usually employed at each Furnace. Each of them has his Part of the Bason to empty; and they have a Table or Bench in common, where they lay the Cha-

ractors as fast as they are cast.

To run the Metal into the Mould, the Founder holds it in his left Hand; and in his right a little iron Ladle with a

in his lett Hand; and in his right a little fron Ladde with a wooden Handle, containing juit enough for one Letter. Having tow fill'd this Ladle with Highd Metal, he pours it into the Jet, or Fennel, whole Aperture is in the Middle of the two Hooks of the Mould; and thruting his Hand britisty forward wherewith he holds the Mould, makes the Metal run into the Matrix of the Character; which without

the Motion might grow cold before it arrived there.

He then subends the Bow, opens the Mould, and without one of the Hooks takes out the Chartcher; and without Lois of Time flust it again, replaces the Matrice, and cattle a new Letter. "Tis incredible with what Expedition and Address all this is done.

The Letter being caft, they view it, before they break; off the let; to fee whether it be perfect; otherwise to throw off the Jet; to ice whether it be perfect; otherwise to mrow it among the Refuse of the Feaunt.

If it be found complear, the Jet is broke off; the super-fluous Metal occasion'd by the Mould's not being exactly closed, taken off with a Knife; the long-tail'd Letters, as

cloted, fatch did with a Knute; the long-taird Letters, as f and f hollow'd at bottom, to give room for the Maffive of the other Letters to be place d undermeath. With the fame Knute free Franço the Letter, to funcch in two broaded: Sides, or Faces, and fit them to be locally on the Sounc. They also care only to rub thele Sides; for Fare of damaging a North on one of the other Sides, which is to flow the Sides to the Compositor when he fees his is to flow the Sides to the Compositor when he fees his

The Stone they grind them on, is a fort of hard, coarfe-grain d Free-floor, plac'd horizontally; before which the Workman fits. To lave his Fingers from the Friction, ha has a kind of Finger-flatls, made of fome old piece of Lea-ther; with which he covers the two Fingers next the thery with which he covers the two Fingeirs next tho Thumb. With their he works cach Side of the Letter. Thumb. The their he works cach Side of the Letter. The Letter has been a supported by the Letter has a support the Flyather would cally be descrived, and he ready to forcer they had all the while railed on the fame Side. For the Letter has been a support of the Letter has a support of the Letter has a support of the Letter has a letter support of the Letter has been a support of the Letter has a letter support of the Letter has been a support of the Letter has a letter had a support of the Letter had been a support of the two other Sides, vis. that of the Notch, and its Opporter. This they call Grangelisms.

The Compositor is a wooden Ruser, with a little Ledger at Bottom, against which the Letters are rang'd. On the same Instrument the Quadrats, Ruses, Borders, &c. are ad-

jafted. when the Letters are composed, they remain to be jul-lified, both as to Thicknots and Height. In order to this, they all a little Copper-place, which is a their Levolt. The Julifaction, as to Thicknots, is made on a piece of Marbie y and that for the Height, on a nino Composition. The Ju-dition of the Height, is guided by the m of fome Bocy of Characters already juilified. Letters are faid to be of their just Height, when the Part of the Plate, or Level bears equally on the flandard su plac'd

the trace, or Level bear equally on the Handland in placed on its Rou, in the little Compositor, and on the Face of two Letters newly call placed a-life of it to be justified: As to the Thicknois, the judication is performed by Isign the Stan-dard Letter flat on the little Marble, and two new Letters a-lide of its; and thus levelling the three, with the Plate. All that remains, is to get ready the Letters, i.e. to cat the Foot, or rather hollow it, and make that fore of Giosove

the Foot, or rather hollow it, and make that fort of Groove which every Letter has at bottom, precilely opposite to the Eye or upper Part, or Face of the Letter. In order or this they turn a long Line of them upfide down in the Julifeanor, which is an Infarament of polith? If no not Steet, confitting of two long Piccos join! of sugerier by Scrows. Detween their two, they eached as many Let-ers as it will have a long the proper properties of the con-Situation, as when compos'd for Books; excepting that the Face in the former cafe is downwards, and the Foot a-top, When the Jufficiators is full of Letters, they fet it on the Table of the Cutter, between two Checks of Wood; which preffing it very tight, enable the Workman to run his Plane along the Line of the Letters thus inverted. This Plane confifts of three Parts; two of Steel, and the

This Plane contains of inner Parity two of onces, was use third Wood. Of the Steel once, that at bottom conflist of two moveable Steel Plates, which may be drawn cloider, for fee further off, at pleaster, by means of two Screws. With-in the Interval between the two, they past the Feet of the Row of Letters, and thus it the Plane keep from decisiting. The Icond Part of the Plane, answering so the Eir of Scot in the common Planes, contiles of two Beaches, and

two Screws, which ferve to raife or let down the Steel, as the Groove is to be cut deeper, or shallower. The Position of this piece of Steel, which is four or five Inches long, is

of this piece of steel, which is not are manned expendicular.

The laft Part of the Plane, which is Wood, ferres to join the other two. Its Form is that of an Arch: One End of it is fallen'd to the potterior Extreme of the Plane, and the other to the Beanches, which carry the Bit of Stoel: So that the Plane courtee make a kind of Triangle. that the three Parts together make a kind of Triangle, voided in the Middle.

The Cutter is a Steel Instrument, with a wooden Handle, in manner of a Chiffel; ferving to pare off the rough
Wire Edge of the Letters when they are got ready.

The Letters are now fit for the Printer's Ulc. See

PRINTING

The Perfection of Letters thus cast, &c. confishs in their The Perfection of Letters that east, Efs. contins in there may all fermily figures and littin, on every fiele; and all, geocrafty of the linne Height, and evenly lined, without height of the line Height, and evenly lined, without height of the Height, well growd, fig. as the two Enterment of the Floot contain half the Body of the Letter; well ground, barb'd, and Ernil'd, with a fentility North, and Ernil'd, with a fentility North, and the Height of Letter is a Feour. See Flooryte Northerfor each kind of Letter is a Feour. See Flooryte Northerfor each kind of Letter is a Feour.

The Spirit of Spirit of Spirit of Spirit of Spirit of Spirit of Charders, or Letters of each Kind 5 all by the Letter bunder, and forced.

Letter bunder, see the Spirit of Sp

more use, and oftener repeated than others; their Cells, or Cases should be better fill'd and stored than those of the Letters which do not return so frequently. Thus the o and i for inflance, are always in greater Quan-

tity than the k or z.

This Difference will be belt perceiv'd from a proportional Comparison of those Letters with themselves, or some

others.

Suppose a Fount of a hundred thousand Characters, which is a common Fount: Here the a should have five thousand; the e three thousand; the e cleven thousand; the his thousand; the k only thirty;

and the x, y and z not many more.

But this is only to be underflood of the Letters of the Lower Cafe; those of the Upper having other Proportions, Lower Cafe; those of the Upper having other Proportions, which it would be here too long to infift on. See Latter.

which it would be here no ong to infat on. SOE LETTER, CHARACTER, Letter FOUNDRY, FOUNTAIN, Fons, in Philosophy, a Spring, or Source of living Water, riting out of the Ground. For the Phaenomens, Theory, Origin, Sc. of Springs or

Fountains, fee Spring. Among the Antients, the Fountains, or Sources of Ri-ers were held facred, and even worship'd as a kind of Divinities.

Screen observes as much in his Forty first Epistle: And Cicero L. III. de Nat. Deor. c. 2c. mentions, that the Ro-man Pricess and Augurs us'd in their Prayers and Invocations. mass Frield side august us on their frayers and appearance to call on the Names of the Tiber, and other Rivers, Brooks and Springs about Rome. The feveroth Infeription in ACLW of Granter has, FONT DIVINO ET GENO NUMINIS FONTIS. It was a Point of Religion, not to drilate or maddy the Waters in Waling or Bathing. See FONTINALIA.

Theirs gives an Inflance hereof in Nevo Annal. L. IV.
22. And Stravius Antiq. Rom. Syntag. c. 1. p. 16).
Roomyrans, or Artificial Fournars, in Hydraulicks, a
Machine, or Countivance, whereby the Water is violently
flowated, or dared up; call'd allo for & Ess. See Jar fpouted, or darted & Eau, FLVID, Sc.

There are divers kinds of these Artificial Fountains; fome founded on the Spring, or Elssikirity of the Air; and ethers on the Fresilive or Weight of the Water, etc.

The Structure of each hereof, being very pretty and currous, and affording a good Illustration of the Doctrine of Hydrausicks and Faceumaticks, shall be here explaind.

Construction of an Artificial FOUNTAIN, playing by the Spring, or Elasticity of the Air.

A Verific proper for a Resirrent; as A. P., 42 h. Hydran-field Fig. 11, a breaded of Ment, (above the Leg and-ing in a final Nech. 6, a step. Three this Neck I had to per, c. a, traversile has Middle of the Work, ill in lower Coffice, 6, activ, but not abblactly, reach the Bertom of the Verific; the Verific being first half first with Warn-ton and the Neck I had the Step of the Step of the ing Fig. may be frawed upon the Tube; by means where-of, a large Quantity of Air may be farmed throw the Tube into the Warrs, one of which it will diseasage; le felf, and several contractions of the Step of the Step of the Step Step of the Warrs, one of which it will diseasage in the Step Step of the Warrs of the Step of the Step of the Step of the Step of the Warrs of the Step of the Step of the Step of the Step of the Warrs of the Step of the Step of the Step of the Step of the Warrs of the Step of the Step of the Step of the Step of the Warrs of the Step of the Warrs of the Step of t Surface of the Water, C D.

Surface of the water, C.D.

Now, the Water here contain'd, being thus preft'd by the Air, which is e.gr. twice as denfe as the external Air, and the Elaffick Force of Air being equal to its gravitating Force: The Effect will be the fame as if the Weight of the Column of Air over the Surface of the Wagn, were double that of the Column, prefing in the Tube; 50 that the Wa-ter mult, of necessity, frout up, thro' the Tube, with a Force equal to the Exects of Fredirer of the included, above that of the external Air. See Aira.

Construction of an Artificial Fountain, playing by the Profitte of the Water

horizontal once

horizoneas ones.

Then will the Water, by the Preflure of the Superincumbent Column, be spoured up at these Jens; and that to the Height, or Level of the Water in the Relervoir; and this, howstower any of the Tubes he bent or incurvated: The

bowloover any of the Tubes be best or incurrated: I 'De-Demonffration hereof, for under FULTIS.

Thus may Water be fpoated to any given Height at pleafare: The Tubes may be fo proportion? as to yield any given Quantity of Water, in a given Time, or feweral Tubes of the Imme Foundair may be made to yield Water in any given Resion: Or, faitly, different Tubes may pro-tain the proposed of the Company of the C

ject the Water so omercut Austraces. Rules, for all which, the Render will find among the Laws of Furins.

These aerial, or aquatic Fountains, may be applied in various manners; so as to exhibit various Amplemances. And from these alone, arise the greatest Part of our artificial Water States. cial Water-works.

An Inflance or two, will not be difagrecable.

A FOUNTAIN that shall spout the Water in various Di-rections.

ferent ways .-

Or thus: Suppose the Vertical Tube A B, Fig. 19. thro or tour suppose the Vertical Tube A B, Fig. 19, they which the Water arise, to be fired a stop, as in A; and indeed of Pipes, or Jets, let it be only perforated with itiel. Hote all around, or only half, its Surface. Then will the Water Ipin forth in all Directions thro' the little Aperures, and to a Diltance proportional to the Height of the Fall of the Water.—

pail of the Water.—
And lence if the Tabe A B be fupped' the Height of And lence if the Tabe A B be fupped' the Height of And lence if the Tabe A B be fupped in the Cock, the Special sum, or Cock at C. you opening the Cock, the Special sum, or Cock at C. in the Matter, will be covered with a Shower.

It must be here softered, that the Diameters of the A. It is the Cock at C. in the C. in the Cock at C. in the Cock at C. in the Cock at C. in the C. in the Cock at C. in the Cock at C. in the Cock at C. in the C. in the Cock at C. in the Cock at C. in the Cock at C. in the C. in the Cock at C. in the Cock at C. in the Cock at C. in the C.

A FOUNTAIN playing by the Draught of the Breath.

Suppore A B, Fig. 20. a Glafs or Metal Sphere; wherein is fitted a Tube, C D, having a little Orifice in C, and reaching almost to D, the Boston of the Sphere. I flow the Air be fuck d out of the Tube C D, and the Orifice C be immediately immerged under cold Water; the Water will affect through the Tube into the Sphere. I flow the C D is t

Thus proceeding, by repeated Exhibitions, till the Veffel above half full of Water; and then applying the Mouth

be above hait tail of water; and then applying the Mouth to C, and blowing Air into the Tube; upon removing the Mouth, the Water will flout forth.

Or, if the Sphere be put in hot Water; the Air being thereby rarify d, will make the Water fpout as before.

This kind of Fanntain is call d Plin Heronit, or Hero's Ball, from the Name of its Inventor.

A FOUNTAIN, the Stream whereof raifes, and plays a Braft Ball.

Provide a hollow Brass Ball A, Fig. 21. made of a thin Plate, that its Weight may not be too great for the Force of the Water. Let the Tube B C, through which the Waof the Water. Let the Tube B C, through which the Water riles, be exactly perpendicular to the Horizon.

Then, the Ball being laid in the Bottom of the Cup, or Bafin B; will be taken up in the Stream, and futuarid at a confiderable Height, as A; alternately vibrating, or playing

up and down.

my and cown.

Hence, as the Figure of the Ball contributes nothing to lis reciprocal Rife, and Pall: Any other Body, not too heavy, may be fublitisted in lieu thereof; e. gr. a Bird with its Wings itretch'd forth. But, note, that as 'tis necessary the Globe, when on the Defcent, show'd keep the same precise Perpendicular, wherein it rose (since otherwise it wou'd miss the Stream,

and fall downright); fuch a Fountain shou'd only be play'd in a Place free from Wind. A FOUNTAIN which Spouts the Water in manner of a Shower.

To the Tube wherein the Water is to rife, fit a Spherical, or Lenticular Head, A B, Fig. 22. made of a Plate of Metal, and perforated a-top, with a great Number of little Holes.

The Water rifing with Vehemence towards A B, will be there divided into innumerable little Threads, and afterwards broke, and difperfed into the finest Drops-

A FOUNTAIN which foreads the Water in form of a Cloth.

To the Tube A B, Fig. 23, folder two Spherkal Segments C, and D, almost touching each other; with a Serew E, to contract, or amplify the Interflice or Chink at Pleasure. Others chuse to make a smooth, even Nitch, in a Spherical, or Leastical Head, fired upon the Tube.

The Water spouting theo' the Chink, or Nitch, will expand it felf in manner of a Cloth.

ROUNTAINS wherein the Wates Spouts out of the Figures of Men and other Animals.

Since Water may be deriv'd or convey'd by Tubes in sance Water may be derived or conveyed by Tubes in any Situation; and always retains the Direction of the A-perture: All here required, is to inclose Tubes within the Figures of Men, or other Animals, having their Orifices in

Figures of Men, or other Animals, having their Orifices in those Patrs whence the Water is to frout forth. From the Principles bitherto laid down, it will be very easily to deduce whatever relates to the Familiare of Four-tains, and the various Forms Water may be put into by their means: All depending on the Magnitude, Figure, and Direction of the Ajungage, or Apertures.—

A FOUNTAIN, which when it has done spenting, may be turn'd like an Hour glass.

Provide two Veffels, L.M., and N.O., Fig. 14, to be for much the bigger as the Financian is no july the longer; and as the Financian is no july the longer; and as the Warter is defed to form the higher as the Warter is defed to form the higher as a grooted Tube, farmiful will no with a Cock; and F.D. In other crowled Tube, farmiful will no with a Cock; and F.D. In other crowled Tube, farmiful will no Cock; and F.D. In other crowled Tube. Financial Cock, and S. In other crowled Tube. J. In one, the Veffal D. M. Be fill'd with Water; it will defect the control of the Cock of th the Refervoir, and make the Water spout up through the Cock D. Hence

if the Veffels L M, and N O contain just as Hence, if the Ventois L M, and N O contain jun a much Water as will be fipouted up in an Hour's time; we shall have a spouting Clepsydra, or Water Clock, which may be graduated or divided into Quarters, Minutes, &c. as shown under the Article CLEPSYDRA.

A FOUNTAIN that begins to play upon the lighting of Can-dles, and coafes as they go out.

Provide two Cylindrical Veifels, A. B., and C. D., F.g., a. S. Casself: them by Takes, eggen at both Ends, K. L., B. B., &c. G. bath and the C. B. C. C. B. B. C. C. B. B. C. C. C. B. B. C. C. B. B. C. C. B. B. C. C. B. C. into C D.

iano C D. Then, upon lighting the Candles H, &c. the Air in the configuous Tubes becoming natify d thereby, the Water will by the fame Contribute may a Statue be made the Total By the fame Contribute may a Statue be made to Grande, Grande and the Total upon the "referee of the San, or the lighting of Total upon the Trefere of the San, or the lighting of Total upon the Total upon

FOUNTAIN, with regard to Architecture, is an Affemblage of Monteny, Sculpture, Ed. either for the Decoration, or Conveniency of a City, Garden, or the like.

Fountains acquire various Denominations, according to their Form, and Situation; as, as their Form, and Situation; as, as they are conveniently of the state of

any Decorati

any Decontron.

Such is the Fountain of Trevi at Rome.
Courte Fountain, a kind of Favillion, built of Stone; clither Indiates, and figurate or roand; or Maltihternijor back'd:
And thus, either with a Trojecture, or Indenture: Inclosing at
Referrori, and fopuling, or dearing forth the Warer theroof
thero one or more Cocks; in the Middle of a Street, Square,
Garden, Court, or the like. Such is that in Lincuist-Long, London

London.
Open FOUNTAIN, is any fponing Fountain, with a Balon, Open FOUNTAIN, is any fponing Fountain, with a Balon, Cup, and other Ornaments; all open: As is frequent in our Gradens, and the Vinepards at Rome.
Symming FOUNTAIN, or fet & East, is any Fountains, whole Water is duried furth imprecuously three one, or more place in the Company of the Co

the like. See Jer d'Ean.

"Robe Fours van, en halded twee off of large of any
Robe Fours van, en halded twee off of large of the company

of the company of nate, and antique; being brought from the Baths of Titus at Rome. Pyramidal FOUNTAIN, that form'd of feveral Basons, or

Cups, rang'd in Stories over each other, and diminishing all the way; being supported by a hollow Stem, or Shaft. As the Fountain of Monte-Dragone at Freseati: Or else supported by Figures, Fishes, or Confoles; the Water whereof in its Fall makes New in divers Stories, and reprefents a kind of Water Pyramid: As that at the Head of the afcades at Verfailles.

Statuary Foundain, that which being open and infu-

lated, or even back'd, is adom'd with one or more St acted, or even outer, is atom't went eate of more Stanets, by way of finishing, or crowning: As the Fountain of Le-rent at Ferfallits; and that of the Shepherd at Caprarela. There are all Satutes, which four forth Water at from of their Pars; or at Sea Shells, Vafes, Urns, and other As-tributes of the Sea.

tributes of the Sea.

Ruftle Fouwrais, is that form'd, or enrich'd with Rockwork, Shell-work Petrificitions, Etc.

Satyrie Fouwrais, a kind of Ruftle Fourtais, in manner
of a Grotto; adorn'd with Termini, Malcaroous, Funns,
Syvians, Bacchantes, and other Satyrical Figures, ferving
for Ornaments as well at Jets d'Ean.

for Omments as well as Jens d'Eus.

Morine Fours, what compand of Aquatic Figuers, as
Morine Fours, what compand of Aquatic Figuers, as
Filtries, and Stellt. As the Fauntain of the Fine TubeFiltries as Rome, whose as Shell ingrence by four Doubles,
Firms as Rome, whose as Shell ingrence by four Doubles,
to this Condo Marine.

Next Fours are, is that made in Four of a Verlie's Sellto that of the Faunch Efficiency of Parin, repredenting a Boatton to the Faunch Efficiency of Parin, repredenting a BoatControl Fours are, is that made in FourGyudelized Foursers as, that where the principal Comfront to Vingord Marine as Rome, referebing a BoatControl Foursers, and the SellControl Foursers, and SellFoursers, referebing a Casilic fault's with Towers, and ZonFrentieria Rome, a mong which are the Fourser's Left. Fountains at Rome; among which are the Flower-de-Lis, and the Dove, the Bearings of the Family of Pope Innocent X.

Arch'd FOUNTAIN, that whole Bason and Jet are plac'd Archid FOUNTAIN, that whole Balon and Jet are placed perpendicularly under an Arch. Such are the Fountainst of the Columnade, and Triumphal Water Arch at Verfiniter.—
FOUNTAIN Pen, is a fort of Pen, contrived to contain a great Quantity of Ink, and let it flow by gentle Degrees;

to as to supply the Writer a long time, without a Necessity of taking fresh lak.—

The Fountain Pen, represented Tab. Miscellary, Fig. confish of divers Pieces F G H of Brass, Silver, Se. whereconfilts of divers Piscas IF G H of Braft, Silver, gls. where yet me the middle Perce F currents the Perc, which is ferred it most of the middle Perce F currents the Perce I was the Perce I considered a Male Server, for ferevaling on the Court, as a fine facility of the fame Engand, as the Isld G, its mides, Italia is didded at Male Server, for ferevaling on the Court, as a fine for flooping a little Hole as the Piace, and hindering the for flooping a little Hole as the Piace, and hindering the for the Perce I is a little Pipe, on the Court floor the Perce I is a little Pipe, or the Confider when the Manufacture of the Perce I is a little Pipe, a for the result of the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a for the Perce I is a little Pipe, a little Pipe, a for the Perce I is a little Pipe, a little Pipe, a for the Perce I is a little Pipe, the End of the Pipe, into which the Ink is to be pour'd by a Funnel.

To use the Pen, the Cover G must be taken off, and the Pen a little shaken, to make the Ink ran more freely. FOURCHEE, or FOURCHY, in He-raldry. A Crost Fourcher is that forked at the Ends. See Casss.

Upton rather represents it as Anchor'd, the Extremities turning in a circular manner to sharp Points; whereas the true Cross Fourebee, i. e. forked, has its Forks compos'd of strait Lines, and blunt FOURCHER, an antient Law Term,

fignifying a putting off, prolonging, or delaying an Action.

delaying an Action.

As by Hammering we draw out our Speech, not delivering that we have to fay, in ordinary time, fo by fourching we prolong a Sait, that might be ended in a fineter Space, in Wefim: 1.09, 2.1. we have thefe Words: Coparences and Jointenant faul in once fourch, but only fluid have one Effoyn, Efe. And Anno 6 Ed. 1.009, 10.18 used in the fame Scale; The Defendants shall be put to Answer without fourching, &c. In the Latin "its called fureare, and is used, Where a Man, and his Wife, or each of them cast a Estein. "Tis called fureare, because 'tis twofold. Cauent ure E miller implaciant, quad femere in Elfonio alterius alter compareat, quamdin turcure pollut : E cum ultra una polfur, concerrent coram Elfonia in fini locis . Alter autem aurum contum unum Elfonium de maio lecti babere pe-

 Hengham Mag. cap. 9.
 FOURTH, in Musick, one of the Harmonic Intervals, or Concords. See Concorp.

The Fourth, is the Fourth, in order, of the Concords. It conflits in the Mixture of two Sounds, which are in the Ratio of 4 to 3; i. e. of Sounds produc'd by Cherds, whole Lengths are to each other as 4:3. See Casen, and In-

TENAL Transfer Fourth, because containing four Terms, or Sounds between its Extremes; and three Degrees: Or, as being the fourth in the Order of the Natural Scale from the Fundamental See Deaces, and Fundamental The Antients call the Fourth, Distriptions, and focals of it as the first and principal of all Concords; and yet the

Moderns find it one of the most imperfect. Tis so very barren, and jejune, that it affords nothing good, either by Multiplication, or Division. See DIATESARON.

The Redundant FOURTH is a Differed composed of the

Ratio's of 17 to 10; and of 4 to 5. See Discorn.
FOUTGELD, or Four-GLD, antiently denoted an Amerciament, for not cutting out the Balls of great Dogs
Feet, in the Foreft. See Expeditary.

To be quit of Fougeld, is a Privilege to keep Dogs with the Foreft, unlawed, without Punishment, or Controul, FOWL, in its general Sense, is of equal Import with Bird. See BIRD.

Bird. See Bran. Forz, is in a more peculiar manner underflood of Poids. Forz, is in a more peculiar manner underflood of Poids. The second property of the Poisson of the P

Part or the lear, by their rectung on meets, worth, Shairs, Gleaning, or almost any thing eatable.

The oldest Hens are always the best for fitting; and the youngest for laying: But no fort will be good to either, if too fat.

The best Age to set a Hon for Chickens, is from two Tears old to five; and the most proper Month to fer them in, is February: Tho it may be done to good purpose any time between that and Michaelmas. One Cock will serve en Hens: A Hen fits twenty Days; whereas Geefe,

Dacks, Tarkeys, fit thirty.

Backwhest, or Fresch Wheat, or Hemp-feed, 'it's faid,
make them lay fafter than any other Food'. And the fame
Backwhest, either whole, or ground, and made into a Paite,

make thom hy failer than any other Food. And the large into them are the common of the failer of the common of the third them agant, and the common food for that propried is Barley-moal, or When-Rower, fackly in Milk, or Water, made iman 2 Rule, and carned down them? Trainers twice, a fire on my, but her own Eggs. A Hen, indifferently on alla. The lightent cloud Gode are the best 1 and tother hat begin to by the foront; as they have a Clause of Braching, lays 1 or 18 Eggs. Geren Gode in even for the starting at 3 Month add, and will be fix in a Month more. Old Contraction of the starting of the starting of the starting at 3 Month and will be fix in a Month more. Old Contraction, and will be fix in a Month more. Old Contraction, and will be fix in a Month more. Old Contraction, and will be fix in a Month more. Old Contraction, and will be fix in a Month more. Old Contraction, and the starting of the starting of the starting of the William Contraction, and the starting of the starting of the William English of the starting of the starting of the starting of the Journal of the starting of the starting of the starting of the property of the starting of the starting in the starting of the Month Hastle, Fallent, and other Briese; a in a for the college of the starting of the star

FOWLING Piece, a portable Fire Arm for the shooting of Birds. See Fire Arm.

of Birds. See Fara Axx.

Of Feming Poses, thois are required the bed, which have the beight Barret, this first? How, it of with an action to be seen a first of the bed. See the being the barret has been a first of the best of there are not of birds. But and this are being the being the best of the best of

The Word literally imports a Broken Number. See

NUMBER. Fractions are usually divided into Decimal, Sexugesimai, and Vaigar.

For Decimal, and Sexagefimal Fractions, for Deci-mat, and Sexagesimal Fractions.

Visigar Fractions, called allo Simple Practions, are always expresed by two Numbers, the one wrote over the other, with a Line between them.

order, with a Line between them.
The lower, of life the Denominator of the Prelilius, denotes the Unite, or Whole, that is divided into Party, and
notes the Unite, or Whole, that is divided into Party, in the
Party piece of the Preliminator of the Preliminator
the Pierry piece in the prefer Coff. See Nextsat varie, the
Thus, two third Parts of a Line, or other Thing, are
wore; I Where the Denominator a Piner, that the whole
Line is tipped to be divided into three equal Party, and
the Numerizor's Indicators or alligate two of fixed Parts.

Again, twenty nine Sixtieths it strote 11 where the Nathe Denominator of the Fradian and to the Product as
mentare 20 expertion 29 Parao (an integer divided into Starry
and the Denominator 60 gives the Denomination to the
nominator, 1, 4, conditions the Fradian copier's
Personal and Company of the Product of the Produ

The real Defign of adding the Denominator, is to flow what aliquot Part the broken Number has in common with

hat in the first in the state of the state of the period with a sile of the period in the period in

is a Fraction Thus, imposing \$ of a Pound equal to 155. "Tis evident, that \$1:4:15:20. Whence it follows 17 That there may be infinite Practions of the same Value, one with another; justinuch as there may be infinite Numbers

found, which shall have the Ratio of 3 : 4. See RA-Fractions are either Proper, or Improper. A Proper FRACTION is that where the Numerator is less than the Denominator ; and confequently the Fraction lefs

than the Dimentistance; and configuratly the Fredlen left than the Whole, or Integer; a size, the Dimentistant is of An Integrity in the Dimentistant in the An Integrity is in the Dimentistant in the An Integrity is in the Dimentistant in the An Integrity is in the Dimentistant in the Configuration of the Configuration of

Fraction given.—

The Arithmetic of Fractions confifts in the Reduction, Addition, Subtraction, and Multiplication thereof.

I. Reduction of FRACTIONS.

1° To reduce a given whole Number into a Fraction of any given Denominator: Multiply the given Integer, by the given Denominator: The Factum will be the Nume-Pator

Thus we shall find $3 = \frac{2}{3} \frac{1}{5}$; and $5 = \frac{10}{3} \frac{1}{5}$; and $7 = \frac{10}{3} \frac{1}{6}$ &c.

If no Denominator be given, the Number is reduc'd to a Fraction, by writing 1 underneath it, as a Denominator.

a Fradium, by writing a underenach it, as a Decominant.

That \$\frac{1}{2}\) \text{ first a prime Parlies is in length Terms, it, a three of Terms and the Terms and the Terms and the Terms and Terms.

Now, If faith the proof the Terms and T

Divifor of the second Division by the Remainder of the cond; and so on, till there remain nothing. The last Di-vitor is the greatest common Measure of the given Numbers. If it happen that Unity is the only common Measure of the Numerator and Denominator; then is the Fraction in-capable of being reduc'd any lower.

capable of being reduced any lower.

9 To reduce two, or more Fractions to the fame Demo-mination 1.6. to find Practions equal to the given ones, and with the fame Denominators: If only two Practions be given, multiply the Numerator, and Denominator of each, by the Denominator of the other: The Products given are

by the Damonium of the other; The Frobleth gives not here to Full first required.

"And 1) \(^2\) and \(^1\) \) and \(^1\) \(^1\) in the other to the property of the first required and Damonium of D

that \$2 of a Pound = 11 1. 3 d.

5° To reduce a min'd Number, as 45% into an improper Fraction of the same Value: Multiply the Integer, 4, by 12;

mountation, e.g., constitues the Praction required.
6° To reduce an improper Fuction into its equivalent
mint Number: Suppose the given Praction 44; divide the
Numerator by the Denominator; the Quotent 44; is the
Number fought.

7º To reduce a Compound Fraction into a Simple one;
Multiply all the Numerators into each other for a new Numerator, and all the Denominators for a new Denominator. Thus i of a of a roduc'd, will be it

11. Addition of Vulgar FRACTIONS.

1° If the given Frollium have different Decominance, we have the min the form at the flow of the second section of the form of the flow o

nomination of Pounds.

nomination of Pounds.

3º To add mix Numbers: The Intogers are fift to be added; then the fractional Fatrs: And if their Sam be a reporte Fraction, only annex it to the Sum of the lategers. If it be an improper Fraction, reduce it to a mix'd Namer; adding the integral Fatr thereof to the Sum of the Integers, and the fractional Fatr after it. Thus, \$\(\greve{c}_1^2 + 4\xi^2 \)

III. Substraction of FRACTIONS.

10 If they have the same common Denominator, substract the lefter Numerator from the greater, and fet the Re-mainder over the common Denominator.

minder our the common Denominator. Thus from 1, the ch and there remains \(\frac{1}{2} \) at the period the period by \(\frac{1}{2} \) at the period the period by \(\frac{1}{2} \) at the period to \(\frac{1}{2} \) at the period to \(\frac{1}{2} \) at \(\f

IV. Multiplication of FRACTIONS.

10 If the Fractions propos'd be both fingle, multiply the Numerators one by another for a new Numerator, and the Denominators for a new Denominator.

Thus & into & produces ##.

2° If one of them be a mix'd, or whole Number, it must be reduc'd to an improper Fraction; and then proceed as

in the last Rule.

= 10:

in the laft Rule.

Thus \(\frac{1}{2} \) into \(\frac{1}{2} \) givet \(\frac{1}{2} \); and \(\frac{1}{2} \) into \(\frac{1}{2} \) into \(\frac{1}{2} \) in Multiplication of Product is left in Value, then either the Multiplication, as Multiplicator, as because in all Multiplicators, as Unitry, is to the Multiplicators \(\frac{1}{2} \) is the Multiplicators, as Unitry, is to the Multiplicator \(\frac{1}{2} \) in the Product. Of, as Unitry, is to either Falchor, is the other Falchor, if the Product. But Unity is lugger than either Sattor, if the Thus in whole Numbers, if 5 be multiply'd by 8, it will

V. Division of PRACTIONS.

1º If the Fraflient propord be both fimple, multiply the Denominator of the Divilor, by the Numerator of the Di-vidend; the Froduct is the Numerator of the Quitent. Then multiply the Numerator of the Divilor, by the De-nominator of the Dividend, the Product is the Denominator of the Quotient.

tree of the Quotien.

Then § § § ; either Direlend, Divilor, or both, be whole or a bright of the property of

FRACTIONS in Species, or Algebraic Quantities.

1º To reduce Fractions in Species to their leaft Terms: The Numerators and Denominators are to be divided by the greatest common Divisor as in Numbers.

Thus the Fraction a a c is reduc'd to a more simple one $\frac{a}{L}$ by dividing both a a c, and b c by c; and $\frac{203}{667}$ is re duc'd to a more simple one 7 by dividing both 203 and 667 by 29; and $\frac{203}{667} \frac{a}{b} \frac{a}{b}$ is reduc'd to $\frac{7}{23} \frac{a}{b}$ by dividing by 29 c. And 60 $\frac{6a^3-9ac}{6aa+3ab+6b}$ becomes $\frac{2aa-3c}{aa+3ab+6b}$ by dividing by 3 a. And $\frac{a^3-aab+abb-b^3}{aa-b}$ becomes $\frac{aa+b}{aab+6b}$ aa-ab by dividing by a-b.

29 To reduce Fractions in Species to a common Denomi-The Terms of each are to be multiplied by the Denominator of the other.

Thus, having $\frac{a}{b}$ and $\frac{c}{d}$, multiply the Terms of one $\frac{a}{b}$ by d, and also the Terms of the other $\frac{c}{d}$ by b, and they will become $\frac{a}{b}\frac{d}{d}$ and $\frac{b}{b}\frac{c}{d}$, whereof the common Denominator is bd. And thus a and ab, or a and ab become and $\frac{ab}{c}$.

But where the Denominators have a common Divisor, it is sufficient to multiply them alternately by the Quotients Thus the Fraction $\frac{a}{hc}$ and $\frac{a}{hd}$ are reduc'd to these $\frac{a}{h}$

and $\frac{a \cdot c}{b \cdot c \cdot d}$, by multiplying alternately by the Quotients e and d, arising by the Division of the Denominators by the common Divisor b. Addition and Substraction of FRACTIONS in Species.

The Process is in all respects the same in Species, as in Numbers. E.gr. Suppose it required to add the Fractions and d. Thefe, when reduc'd to the fame Denomination, will be $\frac{a \, a}{b \, d}$ and $\frac{b \, c}{b \, d}$. Confequently their Sum is ad+b0

So, if the Fraction $\frac{a}{b}$ were to be fubtracted from $\frac{c}{d}$: Having reduc'd them, they will be $\frac{a d}{b d}$ and $\frac{b c}{b d}$, as be fore. Their Difference, therefore, is bd

Multiplication and Division of FRACTIONS in Species. Here too, the Process is perfectly the same as in Vulgar Arithmetic. Thus, E. gr. Suppose the Factors, or Fra-Gions to be multiplied, $\frac{a}{b}$ and $\frac{a}{d}$: The Product will be, 64.

Or, suppose the Fractions required to be divided, as $\frac{a}{b}$; the Quotient will be $\frac{ac}{bd} = \frac{abc}{abd}$ $\frac{abd}{abd} = \frac{c}{4}$

Hence, as $a = \frac{a}{1}$: The Product of a into $\frac{c}{d}$, that is, of an integral Quantity into a Praction, $\frac{c}{d} = \frac{a}{1} = \frac{ac}{d}$. Whence it appears, that the Numerator of the Fraction is to be multiplied by the Integer.

Hence also, the Quotient of $\frac{c}{d}$ by a, that is, of the broken Quantity, divided by the whole one, - 1 = -

Befide the common Notion of a Fraction, there is another necessary to be understood. Thus, Suppose tor 20 5. or a Pound Sterling, were the Fraction:

This Fraction inflicad of three Quarters of one Pound may be considered as a fourth Part of three Pounds; that it, by taking as many of the Integers, as the Numerator expedites (win. 2.) and dividing them by 4, the Denominator; for them to the Cambridge of the fame Value will artife for 4) 60; 1; 5. This shows the Realon of that manner of Expedit from us'd by Gezmators and Algebraists, who read 2, thus,

a divided by b. Logarithm of a Fraction, for Logarithm.
Summing of infinite Fractions, for Summarory Cal-

FRACTURE, in Medicine, and Chirurgery, a Breach, or Rupture of a Bone: Or, a Solution of Continuity in a Bone, when it is crush'd or broken, by force external Cause. Bone, when

In Fractures, the Bone is either broken breadth-wife, that transversely; or length-wife, which last is properly call'd Fiffure. See Fissure.

Transverse Practures are more easy to discover, but more difficult to cure than longitudinal ones. A Fracture in the Middle of a Bone is less dangerous than towards the Art culation. When the Fracture is attended with a Wound, Contunent, &c. or when the Bone is flatter'd into feveral Pieces, 'tis highly dangerous. A Fracture of the Fentur in Adults is very rarely, if ever cur'd; but there still remains a Lamencis. Fractures of the leffer Bones are usually cur'd in seven or fourteen Days; those of the greater, in 20 or 40

In the Cure of Fractures, the Chirurgeon has two Things to attend to: First to restore the fracture Bone into its na-tural Situation; and to keep it tight with Ferule, or Splin-ters, and Bandages: In which ease Nature takes on her selfthe Office of healing and conglutinating it, by forming a Callus thereon. See Callus.

Callus thereon. See CALLUS.
If there he as Inflammation, it must be cur'd before any
thing he attempted about the Fracture. If the Bone happen to be broke again, it never breaks in the Callus, but at
a diffance from it. After fetting or replacing the fracture. Bonc, Bledding is required, to prevent any Lodgment of Blood on the Part aggrievd, by the Violence upon the Fibres. A Fracture of the Cranium is certain Death, without Trepatating. See TREFARMING.

FR.E.NUM, BRIDLE, in Anatomy, a Name given to di-ers Ligaments, from their Office in retaining, and curbing the Mot ons of the Parts they are fitted to.

The Fransm Lingua, or Bridle of the Tongue, is a mem-ranous Ligament, which ties the Tongue to the Os Hyoi-za, Laryax, Fauces, and lower Part of the Mouth. See

Tonoux. In form Subjects, the Prenum runs the whole Length of the Tongue, to the very Tip: In which Cafes, if it were not cut, it would take away all Positivity of Speech. The Prenum of the Pent is a Bender Ligament, whereby the Prapuce is tied to the lower Part of the Glans. See PENIS.

Nature varies in the Make of this Part; it being fo fhort forne, that unless divided, it would not admit of perfect

See ERECTION. There is also a kind of little Frenum, faften'd to the lower Part of the Clitoria. See CLITORIS FRAIGHT, FREIGHT, or FRET, in Navigation and Commerce, the Hire of a Ship, or of a Part of it; for the Conveyance and Carriage of Goods, from one Part, or Place

to another: Or the Sum agreed on between the Matter and the Merchant, for the Hire and Ufe of a Vessel.

The Fraight of a Vessel is usually agreed on at the Rate of so much for the Voyage; by the Month, or per Tun.

FRAIGHTING, or letting out of Veffels on Fraight, or Hire, is one of the principal Articles in the Trade of the Hollanders: They are the Carriers of all the Nations of HERCHARDER'S AND ARE THE CHITCHES OF AN THE NATIONS OF Europhe, and their Purveyors; notwithflanding that their Country produces onthing stall, and that they are fored to to have every thing necessary for the Building of a Vessel from other Countries.

The principal Loves and Rules relating to fraighting, are: That if a whole Veffel he hired, and the Merchant or Person who hires it, don't give it is full Load, or Butthen; the Master of the Vessel cannot without his Consent. take in any other Goods, without accounting to him fe

That, the' the Merchant don't load the full Quantity of Good, agreed on in the Charter Party; yet he fhail pay the whole Freight; and if he load more, he shall pay for the Excela

Exects.
That, the Maîter may fera-finers fach Goods as he finds in his Veffel, which were not notify do binn; so rake ben at a higher Rate, than was agreed on for the refi.
That, if a Ship be finep? de d'estain d'air its Courie, either thor' the Maîter's, or the Merchan's Default; the Delin-thor the Maîter's, or the Merchan's Default; the Delin-

quent shall be accountable to the other.

The.

That if the Marter be oblig'd to refit his Verici during the Voyage, the Merchant shall wait; or else pay the whole Frago: It the Verici could not be refitted, the Marter is Fragget: If the venue could not be retricted, the Maiker is obliged to hire another immediately; otherwise only to be payd his Fraight in proportion to the Part of the Vorsge performed (tho), in cale the Merchant prove that the Ver-fall at the time it fet fail, where has proven that the Ver-fall at the time it fet fail, where has proven the Maiker mult hoofe his Fraight, and account for Damages he Maiker mult hoofe his Fraight, and account for Damages to the Merchant.

so the Merchant.
That Frieght shall be paid for Merchandizes which the
Mailer was oblig't to fall for Victuals, or refitting, or other
receiling Versions; paying for the Goods at the Raue the
receiling the control of the Control of the Control
receiling the Control of Control
receiling the Control of Control
receiling the Contro

hiệd w be brought back again, the Mather fluid only be pull Abregit for going of desired it is in Vysage, by an And if a Ship be sloped or desired in his Vysage, by an And if a Ship be sloped or the Desired notices to be hired for Month; Nor fluid the Prince of the Desired notices the be hired for Month; Nor fluid the Principle be increased, it is therefore the Vysage, but the Psy, and Vickland of the Month; Nor fluid the Psympton of Vickland of the Mather fluid take no Freight for all verses.

That the Mather fluid take no Freight for all verses, and the Mather fluid take no Freight for all verses, and the Mather fluid take no Freight for all verses, and the Mather fluid take no Freight for all verses, and the Mather fluid take the Psympton of the Mather fluid take the Mather fluid take the Mather fluid take the Psympton of the Mather fluid take the Mather fluid take

cate he man we paid me granger to the rance where no was takens; upon contributing to the Redemption. That the Mafter shall be paid his Fraight for the Goods fawd from Shipwreck; and in case he can't get a Vessel to carry them unto the Place where they were bound, that he shall be paid in Proportion to the Part of the Voyage already

That the Maffer may not detain any Merchandize in his That the matter may not uctain any incremandae in his Veffel, in default of Payment of Fragér; the he may order them to be feliad any time, or any where afterwards. That if Merchandizes in Cafks, as Wines, Oils, &c. have to That if Menhadines in Crits, as White, Oils, gich have for run out in Carrings, that the Veldia so left empty, out in the Critical sound of the Critical sound of the Critical Matter to oblight to tract them formation that and the Matter to oblight to tract them of the Critical sound in the middle of themselves, or thro Accidents. The Word Frager's is formed of the Perch Free, fight-mental sound in the Critical Sound in the Critical Sound in the Sasa the Oother chair to derive it from the Graman Fraction, or the Elembia Program, fighting Carring, fighting and States of all Recognitions.

Cown of France by the Captains and Matters of all foreign Vefficis at their Entirence and coming out of the Ports and Havens of that Kingdom. And note, that all Veffels not built in France, however they may belong to the Subjects of France, are repeated foreigners, and fabbet to this imposi-uables it be made appear, that two Thirds of the Ship's Crew are French.

Grew are Prench.

By the 11th Artisle of the Treaty of Commerce concluded at Urrecht between England and France, this Duty of 50 SMs for Tun Hould be remitted the English 3 and at the fame time the Duty of 51. Sterling should be Imperial direction of the Artisle, as well as the Tariff lettled between the two Nations, has

well as the Tariff lettled between the two Nations, has been fullpraded. The Dutch however and the Hans Towns are exempted from the Duty of Fres. Francer: is also the Burthen, or Lading of a Ship; or the Burthen of Goods, §C. the has on beard. See Burytess. FRAIL, a Basket of Rushles; or such like Materials, to the Burthen Blue. Besides 56.

pack up Figs, Raifins, &c.

It is also a cortain Quantity of Raifins, of about 75 Pounds.
FRAISE, in Fortification, a kind of Defence, confifting FRAISE, in Forthestion, a kind of Defence, consisting of pointed Stakes, driven parallel to the Horizon, into the Retrenchments of a Camp, a Haif Moon, or the like; to fend off and prevent any Approach or Scalade.

France: differ from Palistades chiefly in this, that the

Fraige differ from Pailifades chiefly in this, har the latter than dependicular to the Horizon 3 and the femore jet out patalle to the Horizon. See Parisanan.

Other Branch and Carlon and

Frans's and palifieded.

Frans's and palifieded.

Fransisto of a Batallion, is the lining of the Musqueteers all around with Pikes; in case of their being charg'd by a Body of Horio.

by a Body of Horio.

FRAME, in Joiney, Efr. a kind of Cafe, wherein a thing it fee, or inclord, or even imported; as a Window Frame, FRAME, in Joiney, Efr. by Window Frame, The Frame is also a Machine, November 1970.

Fine Frame is a fee a culty call? Glaff. See Crass. The Founders Frame is an exalty call? Glaff. See Crass. The Founders Frame is a kind of Ledge, inclosing a Board; which being fill dwith Sand, ferres as a Mould to eath their Work in See Foundary, and Mourzo.

Frame is particularly and for a Sort of Loom, whereon they directs their Lineas, Silia, Smill, Set. to be embraded to the state of the motimes call'd Reticula. Its Use is in the reducing of Figures from great to finalls

or from small to great. See REDUCTION.

or from final to genet. See Rajuerrono.

Flaxmuse of a floody, it at the Cimine Wooth Americal Plaxmuse of a floody, it at the Cimine Wooth Americal Plantane, and the Company of the Comp

for me Tennur to take.

FRANCHISE, a Privilege, or Exemption from the ordinary Juridiction; or an Afgium, or Sanchary, where
People are fecure of their Perions, etc. See Avenue.

Charches and Monafteries in Spain are Pranchise for Criminals: So were they antiently in England; till they were abus'd to fuch a degree, that there was a Necessity for abo-

lifting them. See SANCTUARY. One of the most remarkable Capitularies made by Charle-main, in his Palace of Heriffal, in 779, was that relating to the Franchifes of Churches.

The Right of Franchifes was held fo facred, that even The Right of Prouchifes was held fo faced, that even the lefs religious Kings offert dit to a degree of Strangton loufacils. But to fach Excels in time was it carried, that Cardennings reloid to bring it down. Accordingly he face that the provision being carried to Criminals excit di into Charles for Refree. See Refree Les Reseaux. Faancies is also and for an Immunity from the ordinates for Refree.

Franchise is also use for an infiliation time to order any Tributes and Taxes.

This is either Real, or Perforal; that is, either belonging immediately to the Perfora; or elfe by means of this or

ing immediately to the Ferina; or eile by mean of this or that Flaze, or Olice of Immunity. FRASCHISA ROYAL, is a Flaze where the King's Writ-FRASCHISA ROYAL BEAUTION OF THE ACCOUNT OF TYMORI AND EXPORMENT OF THE ACCOUNT OF THE FRASCHISS OF SUMMERS, is a certain Space, or Diffred, FRASCHISS OF SUMMERS, is a certain Space, or Diffred, at Rome, wherein are the House fish as retire, cannot be arrelated or faird by the Shirt, of Carganta, nor professed or TAW.

The People of Rome look on this as an old Ufurpation, and

The People of Rome look on this as an out Unurpation, and a fendulous Privilege, which Embedfinders, out of a Jest-loudy of their Power, carried to a great length in the XVbb Century, by enlarging infendibly the Dependences of their Platect on Houles, within which the Right of Afylum was XVV. Gryegery, Mirveral of the Peops, Mirter III. Privil XVV. Gryegery, Mirveral of the Peops, Mirch of Conditions and Condition of the Peops of the Condition able a Part of the City from their Authority, and render'd able a part of the Cuty from their nationity, and rendered it a Retrest for the mode Abundoned. At length Insocent XI. expectly refuted to receive anymered Embathaders but fach as would make a formal Remneiation of the Franchiff of Quarters. See Privilence by Place. FRANCHISING, for ENFRANCHISING, and MANUMILE.

FRANCIGENA, or FRENCHMAN, in our antient Co-floms, was a general Appeliation of all Fureigners, i. e. all Perfons who could not prove themfeives Engliffman. See

FRANGIPANE, an exquifite kind of Perfume, fre-tently given to the Leather whereof Gloves, Purfes, Bags, Sc. are mad It takes its Name from a Roman Nobleman, of the an

It takes its Name thom a Romins Nobleman, or the au-tient Family of Prantifami; who was the Inventor thereof. There is also a kind of perfum d Liquor of the fame De-nomination, said to have been invented by a Grandson of Matio Prantifami; and a perfum'd kind of Roy Solit, call'd by the fame Name. See Roy Solits.

UR ANK — The control liquid by the fame Name.

FRANK, or FRANC, 2 Term literally fignifying free, open, and fincere, exempt from publick Impositions and Chargest as Frank Confession, Frank Fair, Frank Letter, Sc. See

FREE. The Term Frank is much us'd in our antient Coftonis and Tonnes; where it receives various particular Medifica-tions and Meanings, according to the Words it is combined

wich, as

FRANK Allou, or Allodium, is a Land, Tenement, or De-meain, that does not hold of any inperior Lord. See Au-LODIUM, and FERE Land. FRANK Almain, or Free Alms, is a Tenare of Lands or Tenements beflow'd on God; that is, given to fach People as devote themselves to the Service of GOD, in pure and etual Alms.

Whence, the Feoffers, or Givers cannot domand any terrefirial Service, so long as the Lands remain in the Hands of the Feoffices. Briton mentions another kind of this Land given in Alms, but not free Alms; the Tenants be-ing tied in certain Services to the Feoffer. See Aragets. RANK Bank, fee FEER Bench

FRANK Fee, or Feudum liberum, is that for which no Service is perform'd to any Lord. See Frx. According to Frachin. 1. 7. 6. 39. Lands held in Frank Fee

According to Fractise. 1, 7.6. 39. Lands held in Frack Fee were exempted from all Services, except Homage. Frank Fee, as defined by Broke, is that which is in the Hand of the King, or Lord of any Manor; being antient Demenic of the Crown: In Contradilitation to that in the

Tenants Hands, which is only Antions Demefite. See Dz-In the Rev. of Writs, Frank Fee is faid to be that which In the Reg. of writs, Frank Fee is faid to be that which a Man holds at Common Law to him and his Heirs; and not by fach Service as is required in antient Demeine, according to the Cultom of the Manon.

"Tis added, that the Land in the Hands of King Belowship and the Common a

the Confessor, at the making of Domesday Book is Antient Demesse; and all the rest, Frank Fee. Upon this sooting, all the Lands in the Realm are either Antient Demesse, or Frank Fee.

Others define Frank Fee to be a Tenure in Fee Simple, of Lands pleadable at Common Law; and not in Antient Demeine.

Demefine.
Frams Ferm, or Ferma libera, is Lands or Tenements, wherein the Nature of the Fee is changd, by Foolfment, from Knights Services, to certain yearly Services; a and whence senher Homage, Waiefing, Marriage, nor Relief any be demanded: Nor any other Service, not constain in the Foolfment. See Fast Farm.

Dana Fall, is where the Lord bath the Benefit of feld-

ing his Tenants Sheep, within his Manur; for the manuring of his Land. See FALDAGE

FRANK Lave, is the Benefit of the Free, and Common Law of the Land. See Law.

He that for any Offence, as Confpiracy, &c. loofeth his Frank Law, incurs these inconveniencies. 14 That he may Fram Law, incurs more monvenences. It and no may not be impanted upon any Jay or Affine 5, or otherwise sa'd as an Evidence, or Winnels to the Trath. a' That if he have any thing to do in the King's Court, he must not approach it in Perfon, but appoint his America. "That had Lands, Cooks and Chattels he feld in on the King's Habit. and his Lands be effreated, his Trees rooted up, and his Body committed to Cuftody. See Consett acy.

Faark Marringe, or Liberum Martingium, is a Tenure in Tail Special, whereby Lands or Tenements are held to a Perfon and his Wife, and the Heirs of their Bedies, on condition of doing Fealty to the Donor from the fourth

This Tenure arises from these Words in the Gift : Sciant, &c. mo T. B. de O. desiffe as concessife. & presenti char-ta mea consirmasse A. B. silio meo, & Marie unori cius, sita mea confirmasse A. B. silio meo, & Marie uxori cius, si-lie vere C. D. in liberum maritogium unum Messuogium, the verse C.D. in liberum marinojim numa Medinojim, fi. Sc. Sce Tait.

Glanvil divides Marriage, Marinojim, into liberum, and fevitic obligatum. Sce Marriage.

Hets gives this peafar.

Fleta gives this reason, why the Heirs do not Service, till the fourth Degree: Ne donateres vel eerum beredes per bomagii receptionem a reverfione repellantur : And why in the tourth Dekent they shall do Service to the Donor, Quia in quarte gradu velomenter presumetur qued terra est o defects heredum donotariorum reverfura. Frank Marriage, or Liberum Maritagium, is more clear

From Marriage, of Laserian Marriagian, is more clearly accorded by Brancian, to be that where the Doson intends expected by Brancian, to be that where the Doson intends from all focular Service thas might be affectled to the Fee, to that he who gave it, fillad climb no amaner of Service from it, untill the third Herf, and the fourth Defcens, or Dogree; reckning the Doece in the fift Dogree, he first fill the first Defcens, and the parties of the first the feecht, the first first her first descend in the first her first first first first the feecht, the first first first first first parties and bit, again, in the fourth I first afterwards the first Land to become fabin the fourth! But afterwards the fame Land to become Indice to all the former Services; as being then fuppor'd to revert to the Lord for want of Heirs.

The Lands otherwise given in Marriage, viz. Servicio obligate were with a Reservation of the Services due to the

Lord, which the Donec and his Heirs were bound to per-form for ever: Only, Homage was not to commence till the

form to ever: Only, nothings was not to commence till the fourth Degree; when both Service and Homage were to be enjoind for ever. FRANK Pledge, fignifies a Pledge, or Sarery for a free Man; call'd allo Priburge. See FRIENKES.

The antient Culton of England, for Prefervation of the

publick Peace, was, that every free born Man, at 14 Years of Age (religious Perfons, Clerks, Knighns, and their eldedt Sons excepted) fhould find Surery for his Truth towards the King and his Subjects, or elfo he kept up in Prilon. Accordingly, a Number of Neighbours became inter-

chargeably bound for each other, to fee each Man of their Pledge forthcoming at all times; or to answer for the Offence committed by any one gone away: So that when ever one offended, it was presently enquired in what Pledge he was, and then those of the Plage either brought him forth with in one and thirty Days to his Answer; or fatisfy'd for his Offence,

This Coftom was call'd Frank Pledge; and the Circuit it extended to Decemna, by reason it usually confided of the Housholds; and every Person thus bound for himself and Neighbours, was call'd Decemnier. See DECENNA.

This Cufforn was so observed, that the Sheriffs at every County Court did from time to time take the Oaths of young Commy Court did brom time to time take the Oaths of young Perican, as they arrived at the Age of 14.3 and feet hey were feetled in one Diecemia, or Diecem or another. Whereupon this Branch of the Shorfill Office and Authority was called Vflus France Pleigs, i.e. View of Frank Pleige. See Lear, View of Frank Pleigs, See. Omnis bones, five dieter, five ferrom, aus eft, well debte of it is France Pleigs, as it do alicely in manupolits, will file of it is France Pleigs, as it do alicely in manupolits, will file the proper pleigs, as it do alicely in manupolits, will file the proper pleigs, as it do alicely in manupolits, will file the proper pleigs of the second proper pleigs.

aliquis timerans de leco in locum, qui non plus se tenest ad cumm quom ad alimm, vol quid babes quad sussimilation, Pranco Plogio, sicus signitatem, vel ordinem, vol liberum temementum, vol in civitate rem immobilem, 8cc. Braccon

tenementum, not in civilate rem immobilem, &c. Bracon L. III. Fract. & Cornia, c. 170.

Fa. Nan. Chace, is Liberty of Free Chace in a Circuit adjoining to a Forch, by which all Men, though they have Land of their own within that Compets, are forbidden to cart down Wood, without the View of the Foretter; though it be their own Demech.

FRANKINCENSE, or INCENSE, an odoriferous aromatic Gum, or Refin, antiently barnt in Temples, and still

matic Gum, or Reim, ameniny porto, in reimpos, and and wid in Pharmacy. See Gum, and Rasin.

For all the great Ufe of this Gum, both in the antient Religion, and the modern Medicine; the Tree that produces it, or even the Place where the Tree grows, is but little

The most common Opinion has always been, that it was brought from Arabia Felix, and was found near the City of Saba; whence its Epithet Sabaun: And yet the Namo Olibanum, which it fometimes bears, Icems to intimate, Olibanam, which it iometimes bears, feems to infimate, that there are of these thariferous, or incense bearing Trees in the Holy Land near Mount Libanon. And Travellers are politive, that there are others in the East Indies.

see pource; test there are others in the Log! Battes.

Ker are we less at a loss as to the Form or Kind of the.

Tree from which it flows. Phipy contents himfelf to fay,
that it a first reclambles the Pear Tree; then the MakitCTree;
then the Laurel; but that in reality it is the Tarpentine

Tree.

Prenkinsen, In cither Mole, or Femile.

Prenkinsen, In cither Mole, or Femile.

**Bin, or Tean, a lint yellowith, of a burer dispreash

**Bin, or Tean, a lint yellowith, of a burer dispreash

**Bin send Mole, in reject of in Tean, which we larger

**That hought from the Jofer, in some tree for good a that

from droite, or Moure Libenor. It is utality cut if Je
from the City. The duality in a Mile, but formetizes it from that City. It duality is a Mile, but formetizes in Duryl or Tean, Someouha reddith, and bitters to the Tatle.

The Manual of Prenskeregic in unjurk, round, city.

The Manual of Prenskeregic in unjurk, round, city.

The Manual of Prenskeregic in unjurk, round, city.

The Manna of Frankincense is only little, round, clear, insparent Grains of the Incense it self Soot of Incense is the fine Flower, rub'd or ground off the Gum in Carriage, and burnt like Rofin, to make Lamp-

Bark of Incense, is the Bark of the Tree that produces it. It has much the same Qualities, and the same Smell as the Incense it felf .-

the lacende is fell—
fressille heardle is only red Storax. See Sydnax.
Mail heardle or Oldenme, is an Ingredient in divers
Mail heardle, or Oldenme, is an Ingredient in divers
fressille heardle heardle heardle heardle tell
fressille heardle heardle heardle heard techThe Fennic is inferior to it in all respects.
FRANKS, France, Franksky, or Frankydy, a Name
the Tinks, drash, Growks, fice, give to all the Foople or
the Weltern Parts of Europe.

the Wellem Pars of Europe.

The Appellicas is commonly imposed to have bodies in the Track made in the Parket made the most confidence in the Parket made the most confidence in Figure among the Criticis. From which time the Turks, Survanent, Greeks, Application, Sox. and it as a common Term for all the Criticis areas, Sox and it as a common Term for all the Criticis areas, Sox and Adelessations, Bay Mode, Electricis, apply the Term Franks not only so the French (to whom the Mome originally belong 4) has to the Latins and Europe-Rome originally belong 4) but to the Latins and Europe-Rome originally stong 4) but the Latins and Europe-Rome originally stong 4) but

Frank, or Frenk, primarily denotes a Frenchman; and by Extonfioo, an European, or rather a Latin, by reason, give, the, the Franch diffinguished themselves above the other Nations, engaged in the Holy War. See Cassanz. But Es. Georg, in his Novae on Cadensa, c. V. m. 43, turnishes another Origin of the Appellation Frankt, of greater Assistant Parks.

sifiles another Origin or the Appellation Franks, of greater Antiquity than the former.

He oblieves that the Greeks at first confie'd the Name Franks to the France, i. e. the German Nations, who had feetled themselves in France, or Gaul: But afterwards they gave the fame Name to the Apultans and Calabrians, atter they had been conquer'd by the Normans; and at length the Name was further extended to all the Latins

In this Senie is the Word us'd by divers Greek Writers; as Commenius, Sec. who, to distinguish the French, call them

the Western Franks.

the Western France.

Bu Cange adds, that about the time of Charlemaign, they diffinguish'd Eastern France; Western France; and Latin, or Roman France, and German France, which was the antient France, afterwards call'd Franconia.

The Latin Language on Liming PRANCE, it's a kind of

the authent France, stresseads call of Pranouncies. The Park and Engaging, or Linguis Research, is kind of The Re Nauk, Sanguis Research, is kind of Handle and Perus of the Lensur; composit of Handles, Spanilly, French, valgar Gree, and other Language; and its has called from the France, in the United States, Spanilly, French, valgar Gree, and other Language; and its has called from the France, are common Appellation and in the Lensur to all the European Merchana and Traders, who come Linkers or trillies. The Carlly, arthum but the

In this Language, if it may be fo call'd, nothing but the Infinitive Mond of each Verb is us'd; this ferving for all the Infinitive Mond of each Verb is aid, this terving for all the Tenfes and Monds of the Conjugation: And yet this latter, muthated Dikton, this barbaroon Medity, is Lectur and me-tapate the Conference and Research of all Nations who repair thibtre-FRANK, or FRANK, is all 6 an antient Coin, fruck, and entered in Prances than call from its Imprefiles, which repreferred a Pronchman, Concilines on Borbcack, and formetting and the Conference on Borbcack, and formetting a front. Sec Curv.

The Frank was either of Gold, or Silver: The first was worth fornewhat more than the Ecu d'Or, or Gold Crown;

See Ecu.

See Licu: The focond was a Third of the first: But the Money has been long disa'd.
The Term Frank, however, is fill retain'd, as the Name of a Money of Account. In this Senie is is equivalent to a Litre, or a 60 So, or \$\delta \text{ f Permb Coven.}\$
Thus they fay indifferently, a hundred Franks, or a hundred Litres. See Livax.

FRATERNITY, BROTHERHOOD, the Relation, or U-nion of Brothers, Friends, Partners, Affociates, &c. Sec BROTHER, and COMPANY

BAOTHER, and COMFANY.

BAUTHAUTH, as GVHI Senff, is particularly will far a Gild, Afficiention, or Society, of breinn, united inns Body, and Grant Company. The ATTAINTY of the Company of by Royal reaches? A The Antiferral by these is Bubbles mem of any fine Parternity in his Discole. At Rome there is a Festerative guil'd the Archie Festerative of Grand where is a Festerative guil'd the Archie Festerative of Grand where is a Festerative guil'd to Archie Festerative of Grand where is A Bull of Pope Genera Will, in 1846.

The Antiferral Company of the Grand in Paragency a provide and confirm by a Bull of Pope Genera Will, in 1846.

The Archive is Festerative of Conference and Conference of Conference

Numa Pompilius is faid to have establish'd Fraternities of all the Arts and Trades in antient Rome; and to have preferibld the Sacrifices each Profession was to perform to the Patrons or Tutelary Gods he had affigued them. See

COLLEGE. COLLEGE.
FRATERNITY is also a Title, or Quality. See QUALITY.
Kings and Emperors gave it each other; so do Bishops and Monks. We meet with it frequently in Authors under the Eastern Empire, both Greek, and Latin; & States

FRATERNITY of Arms, was an Alliance, or Affociation in Arms, antiently concluded between two Knights, who there-

by agreed to go together, fhare their Fortune, and mutually affift each other against all the World.

Bertrand du Guestlin, and Oliver Clisson swore a Fra-

territy of Arms in the Year 1579. laying their Hands on the Gotpels. Hift. de Bret. T. 1. p. 295.

FRATICELLI, a Sect of Hereticks, who role in the Marquifate of Ancona, about the Year 1294-

The Word is an Hallaw Diminutive, figuifying Fratri-culi, or little Brothers; and was here as d, by reason they were most of them apostate Monks, whom the Italians

call Fratelli. The Founders were P. Maurato, and P. de Fostonbrone; so having obtain'd of Pope Celestin V. a Permission to live er of Hermits, and to observe in Solitude, after the manner of Hermits, and to observe the Rule of St. Francis in all its Rigor; feveral idle, vaga-

the Raine of St. Praesti in all in Rijore, feweral idde, vaga-bood Manka jarid them who having after tachet come Rain-cies, and making all Yerfellions to confift in Foresty, were foon condemned by Pope Brainfey VIII. and real-galitates ordered to proceed a grainer friend from the action and the concern published have Commence on the Aprac-lated no fooner published have Commence on the Aprac-lysfe, than they adopted his Berron.

They held the Ramijle Charle to be Brainfeyer and pre-pord to ethablith monther fare more prefet them published to provide the Apracham of the Apracham of the Commence of Carl by Infort Colf and his Arveille.

ferr'd by Jefus Christ and his Aposites. Some fay they even elected a Pope of their New Church:

At least they appointed a General, with Superiors: Built Monafteries, Sc. Befide the Opinions of Oliva, they held that the Sacraments of the Church were ufeles; by reason those whe administer'd them, had no longer any Power or Jurifdiction.

They were condemn'd a fresh by Pope John XXII; but feveral of them returning into Germany, were shelter'd by the Duke of Bavaria.

The Fraticelli had divers Denominations: They were call'd Fraticelli, by reason they liv'd in Community, in imitation of the Primitive Christians; Duleini, from one of their Doctors, and Bifactes, for what reason we don't know.
FRATRAGE, FRATRIAGIUM, or FRERACE, the Partition among Brothers, or Coheirs, coming to the fame In-

heritance of Succession. See Ranstrum.

That nate a laid and more particularly for that Part of
the Industruct, which comes to the younged Boethers to
the Industruct, which comes to the younged Boethers to
the Western Condition, to younger Brothers position for
the Pather's Bilato, they position trainer Franzegi, and are to
do Homage to the older Bowler for its, in regard lie is to
Homage for the Whole to the Superior Lend. See House.

PRATERS Garriarit, in our sweet Tales Boeth, etc.
deence forom Brotheriser, in our sweet Tales Boeth, etc.
deence forom Brotheriser, and the See Article See and the See
deence forom Brotheriser and for call did who were foren to defined the Kipic austim his Borniers. Len. W. r. c.e.t., we

community troy are ano to card who were twent to defend the King againsh his Enemies, Leg. N. 1. cap. 59 Prescipinus us omnet libert bomines sins Fratres conjurat ad Monarchism nestrant St. Regumm nestrant inimities pro pigle sine defendeation. Leg. Edu. cap 33.
FRATRICIDE, the Crime of murthering ones Brother.
St. Plantitus

See PARRICIDE. Cain committed the first Fratricide : The Empire of Rome began with a Fratricide. FRAUD, a fecret, under hand, Deceit, or Injury, done

any one.

To export, or import Goods by Frand, or freadulently,

To oxport, or import Goods by Frand, or freadulently,

To to do it by indirect ways, in order to avoid the paying of

Daty, &c. if they be permitted Goods, or if they be con
taband Goods, to avoid the Femalities adjudg d by the Laws-See DEFRAUD.

Frandulent Action, Frandulent Banerupy, &c. for BANERUPT. FRAY, literally fignifies to free; as Cloth or Stuff docs

by rubbing, or over-much wearing.

Among Hunters a Deer is faid to fray her Head, when the rubs it against a Tree, to eause the Pills of her new

Horns to come off. FRECKLES, a kind of little, hard, dufky Bubo's, or Putiles, arting on the Skin of the Face, or Hands; parti-cularly in Perfons of the faireft, finest Skins.

Some pick the Freekles out with a Fru; or squeeze them out with the Pingers

out with the Pingerss.

Freeklet, according to M. Homberg, are only the earthy, oily, and faline Part of the Sweat; retaind in the Piexus, or Maftes of the Skin. White the aqueous Liquer, which was their Vehicle, is evaporated by the Hest of the Bady-theig ground Parts are gradually accumulated, till it to Martin Company. fhes are full.

Some Parts of this Sweat, he observes, are continually ooxing some rats of this Swear, he observes, are continually occaling the the Check of the those black Specks on the Porcs of most Peoples Notes in Summer, call'd Freckles; which, as they may be fqueez'd out by a dexterous Application of the Fingers, many People have been induc'd to take them for little Worms, generated in the Skin, whole Head is the little Speck above-mentioned of whereas, in reality, they are little Peletons of Sweet, diried to the Ports of the Skin; the outer Tip, or Extreme whereof is dirty, and blacken'd with the Duft continually floating in the Air, arrefied by the glutinous Matter of the Sweat it folic en induc'd to take them for little Worms, generated in the

They are found more about the Nose and Skin, then any where else; by reason the Skin is more firetch'd there, and consequently the Pores more patent, to receive the

Duft, Ec.

Dutt, 26.

From this Theory it follows, that there can fearce be any fach thing as an adequate Remedy or Preventive of Preshles.

Temporary ones there may be, which shall draw out and diffinate, what Matter is already gather'd: But the Spaces will fill up again in time.

Bullocks Gall mix'd with Alum; and after the Alum Ballocks (Jall mix'd with Alam; and atter the Alam has precipitated, exped three or four Months to the Son in a clofe Philal, Monf. Homberg observes, is one of the best Remedies known for Freekler. It achs as a Lixivium; enters the Pores, and dilutes and disfolves the Congulum of the Freekler. Month. de / Adad. Royal des Science. An. 2703-

the Frechts. Mem. de l'Acad. Regul des Savens. An. 179-171: SC.

FREID, Thern variously stid, but spacessly in opposi-tion, and the stid, confined, peculitated. Sce France. Thus, a Man is fail to be free, who in our of Prifont. And a Bird is free, whon let out of the Cage: Free from Pain, i. e. vod of Pain a free Air: Free Pailage, Sc.

But in ipeaking of Things cadaed with Underlanding, the Word Free has a more peculiar relation to the Will, and

the Word Free has a more possible relation to the Will, and implies its being at full Liberty. See LIBERTY. The Stoicks maintain, that their fage or wife Man alone is Free. See Store.

Free is allo us'd in opposition to Slave.

Tree is a ro us a in opposition to Jairse. The Moment a Slave fers foot on English Ground, he becomes free. The finest Legacy the animat Remains could leave their Slaves, was their Freedom. See Slaves, SERVITUE, and MANUMISSION.
FRAK BUSH, fee WILL.

FRRE Will, ice Witt.
FRRE Thinker, ice Distr.
FRRE Majon, ice Mason.
FRRE Majon, ice Mason.
FRRE State, is a Republick govern'd by Magistrates elected by the free Suffrages of the linhabitants. Sec State
Free, or Imperial Cities in Germany, are those not rub-

Free, or Inferrial Circia in Germany, are table not table to any particular Prince, but programs, like Requbicts, feet on any particular Prince, but programs, like Requbicts, There were Free Circia, Likese Civitaties, even under the action Remains Empires. Sich were tooled to whom the Emperon, by the Advice, or Confent of the Scatte, gave the Printlege of appointing their own Magificience, and governing themselves by their own Laws. See Cert.
Than Stocky, or Frame Time, Register that Elizate in Coppitation Circia C

hold Lands, which the Wife hath after the Death of her Husband, for her Dower, according to the Custom of the

Manor. See Down. Manor. See Down.
Thus, at Orlecton in the County of Hereford, the Relief
of a Copyhold Tenna is admitted to her Free Bench, i. r.
to all her Husband's Copyhold Land, during her Life, at
the next Court after her Husband's Denth. See BaxenFriederbert calls Free Benna Calibon, whereby, in certain Cities, the Wife fluid have her Husband's whole Lands,
GFe, for her Down.

FREE Fee, fee FRE.

If he he Dover. Of this Per Breech, different Manoen have different Cafonus: Thus, Z. gr. in the Minore to End, and West Zuckens. Thus, Z. gr. in the Minore to End, and West Zuckens. The Minore to End, and the Section of the Section of the Section of the Section of the Section have History for the Section have the Section of Section have the Secti

Wett.
FRER Bord, Franc Bord. In Same Places three Feet, in Same mare, and in others left, is claim'd by way of Free Bord beyond, or without the Fence.

Et totum Bostum, qued cocatur Brendewood, com Franc

Its round research, quast constant increasement, come frame Bordo deserving feedom, if demist, per circulatum illius befoit. Mon. Ang. 21 Part, foi. 141.

Fare Chapet, is a Chapel founded by the King, and by him exempted from the Jarislickien of the Ordinary. See

Tho, a Subject may be licene'd by the King to build fach a Chapel; and by his Charter may exempt it from the Vi-fitation of the Bilhop, &c.

FREE Stool, fee FRIDSTOLL.
FREE Wayren, the Power of granting or denying Licence any one to hunt in fuch and fach Ground. See Warren.

FREE Fair, fee PAIR.

FREE Stone, a white Stone, dug up in many Parts of Eng-land, that works like Alabafter; but more hard, and dur-able; being of excellent use in Building, &c. See Syone. It is a kind of Greet, but finer fanded, and a smoother

FREEBOOTER, or FLIEUSTER, a Name given to the Confairs, or Pirates, who foom the American Seas; particularly fach as make War against the Spaniards. See Bu-

The French, &c. call them Flibusters, deducing the Word from the English Fisher, or Flybere; by reason the first Adventurers of this kind were the People of St. Domme-ge, who made their Excursions with Flyberes, which they had taken from the English.

FREEDOM, the Quality, or Habit of being Free. Sec.

FREEDOM of the Will, a State, or Faculty of the Mind, wherein all the Motions of our Will are in our Power; and we are enabled to determine on this, or that; to do good, or evil, without any Force, or Confirmint from any foreign Cau'c whatever. See Lizerry.

The Schoolmen diffinguish two kinds of Freedon

The Schoolmen diffingulfit two kinds of Freedom. Vie. Frazzow of Contradition, whereby we are at our choice to will, or will to love, or not love, &c. Thus, if I give my Friend a Power to take my Horle; that Friend has Freedom of Contradiction, with respect to the Horle; fince it is to his own Power, either to nie him, or let him alone. See Convarianties con-

or let him alone. See Contradiction.

Francos of Contrating, or of Contrating, is that whereby we are at our choice to doo good, or evil; be virtuous; or virtuous; take a Huefe, or a Lion.

Thus if I effer my Friend a Horfe, or a Lion; and give him his Ortice of the two, he is faid to have a Liberry of Contrating, over the Horfe and Lion. See Contradicty.

Centratively, over the Horic and Lion. Sec CONTRABLEY, But the Logisians charge this as a failty, or unartful Di-vision; in regard one Member of the Division is contain? in the other, as a Species in the Genus For whatever is free, in religed of Contradiction, is also free in religed to Contradicty the One vice organ. For if it be free for my Friend to take the Hord, or the Lion, it is allo free in him, to let them both above. Each be may be free to take

hum, to let them both alone: But he may be 17th to take,
one of them, whithout a Freedom of chaining which to take.
Ye is the Diffinction of fome use; as it intimates that
the Will is not always positive of both kinds of Preedom; a
and that the Manter, or Sabject of the two is different.
The Will, the free, has not a Liberty of Contrainer; a
Thus, may evident Truth being propord to the Mind, e.gr.
That the Whole is greater than a Part, we have a Power of

a nat not Whose is greater than a Part, we have a Power of not affending thereto, by diverting our Attention to fome thing else. But we have not a Power of diffenting from that Proposition, and judging that the Whole is not greater than the Part.

Hence, the Morshifts commonly hold, that with respect to the Supreme Good, Mankind has a Liberty of Contra-diction; institute to the may abbinit from the Love, or Parsait thereof: But not a Liberty of Contrariety, whereby to hate Goodn Add, that the the human Mind may have a Freedom of

Add, that the' the humin Mind may have a Freedum of Contractilities, with rejiect to all Optich, even the Supreme correlation with the Contractive section of Contractive section of corrier Particulars, which is off Contractive section of corrier Particulars, which is a strated Propendity to Good, that is cannot define cvil, but under the Notion and Appearance of Good. See Goons, and Ever, for all Nationary. Francisco of Thuising, for Datas.
Parkenous of Thuising, for Datas.
Parkenous of Confirment, for Liberty, and Tournary.

FREEDOM of a City, Town, &c. A Right, or Capacity of exercising a certain Trade, or Employment in a City, or Town Corporate; and of being elected to the Dignitios and Offices thereof, procur'd regularly by ferving an Apprentice-fhip; but forectimes purchas'd with Money; and fometimes conter'd as a Favour or Complement. See City, Conro

PARION, APPRINTICISHIP, &C.

FREEHOLD, FRANK TENMENT, or Liberum Tenesmentum, is Land, or Tenement, which a Man holds in Fec,
Fec Tail, or for Term of Life.

Fee Isi, of ror Irem of Life.

Freehold is froe kinds; in Deed, and in Law.

The first is the real Policition of Land, or Tenement in

Fee, Fee This, or for Life in The other is the Right a Man

has to fach Land or Tenement before his Entry, or Science.

Freehold is Reswite extended to fach Offices as a Man

holds in Fee, or for Life. See Fig.

British defines Figure Tenement to be a Policition of the

British defines Figure Tenement to be

Soil, or Services iffuing out of the Soil, which a Free-man holds in Fee, or at least for Life, the the Soil be charg'd with free Services.—
FREEHOLD is also formetimes taken in opposition to Vil-

lenage. See VILLENAGE.

TOLELAND.

FORELAND.

In Reg. Todicial, it is expected, that he who holds Land
ppm an Execution of a Strate Merchant, until he hath
ight of the Dels, regar to there meanments fift of the
ight of the Dels, regar to the transmission of the
ing of which focus to be, not that fich Tenuits are Free
builty, but as Precedent's for the Time till they have
ceived Profits to the Value of their Debtin the animal tasks of Soziolad, Precedent's are call'd Miin the control and on Soziolad, Precedent's are call'd Mi-

Knights.-

FREEZE, or FRIZE, in Architecture, that Part of the Entablature of Columns, between the Architrave and Cor-niche. See ENTABLATURE. The Prezz is properly a large, flat Face, or Member fo-parating the Architrave from the Comiche. See Connicus.

parating the Architeave from the Comiche, See Carasteens. The Amienta call'di tz.gelpren, Z-weefe, by reason it was nhaily enrich'd with Figures of Animals 4 and our Denomiation Freeze has a like Origin, being form'd of the Latin Phrygre, an Embreddera, because commonly adom'd with Scalpteras in Baffo Relievo, imitaring Embroddery, The Freeze is Jupped to be intended to represent the Heads of the termiverface Beams that full-time Kendo or Co-Heads of the termiverface Beams that full-time Kendo or Co-

In the Tufcan Order it is quite plain: In the Doric, en rich'd with Triglyphs: In the Ionic, 'tis sometimes made rich'd with Triglyphs: In the Ionic, 'tis sometimes made arch'd, or swelling; particularly in which case 'tis call'd by Vi renounts, Pulvinaini, q. d. pillow'd: In the Corinibian, and Composite, it is frequently join'd to the Architrave, by a little Sweep; and sometimes to the Corniche. And in these little Sweep; and tomotimes to the Corniche. And in these richer Orders it it usually adournd with Sculpture, Figures, Compartiments, Hilfories, Foliages, Fellocus, &c. Soc Tus-Can, Donz, Co., Dovic, &c.
As to the Height of the Freeze, 'its in the general much the fame with that of the Architrave.

The Tufcan FREEZE, Virtuoius makes to Minutes ; Vig-The Validate Freeza, Firstensis makes 30 Munites § Fig-suels, 35 Falladie, who makes it feedling, gives it but £6, and Scientensi 4a. The Storie, in Firstensia and Figurda, is 500 to 40 Min in Palladie, Sec. 45. The Instit, Firstensia makes flat, adorted with Manufey Leaves, Lions, £6, and makes it 30 Minutes high 1 Fagoda, who also makes it flat, gives 16,45 Minutes. And Palladie, who makes it convex. gives it a Minutes: And Palladis, who makes it convex, or feelings, 2 Minutes; and Scienman 2 S. The Caristian, Priravoisi excises with Administration Leaves, hautan of the Caristian Leaves, have an Administration of the Caristian Leaves, have an Administration of the Caristian Competition, which in Vitravoius is fee with Carnosies, and carry December, 1824 Min. Palladis who makes it like Vitravoius, only gives it 44 Min. Palladis who makes it feelings, only Leaves to the Caristian Caristian

From the Variety of Enrichments practic'd on the Freezes, they become variously denominated.

Convex, or Pulvinated FREEZES, are those whose Profile

is a Curve; the best Proportion whereof, is, when drawn on the Bale of an equilateral Triangle.

In fome the Swelling is only a-top, as in a Confole: In others at Bottom, as in a Balluster.

Ruffic Frenzes are those whose Courses are rusticated, or imbolt d; as in the Tustam Precese of Palladio.—
Flourist's Frenzes are those enrich'd with Rinds of imaginary Foliages; as the Corintbian Freeze of the Frontispiece of Nere: Or with Natural Leaves, either in Clusters; or Garlands: Or Continued, as in the Ionic of the Gallery of

Apollo in the Louvre. Marine Farezes are those representing Sea Horses, Tri-tons, and other Attributes of the Sea; or Shells, Baths,

Grotto's, &c .-Historical FREEZES are those adorn'd with Bass-Relievo's, representing Histories, Sacrifices, &c. as the Arch of Titus

Symbolical FREEZES are those adorn'd with the Attributes Oyunouscas FRENERS are those accord with the Attributes of Religion; as the Corinthian, of the Temple behind the Capitol at Rome, whereon are represented the Instruments and Apparatus of Sacrifice.

FREEZE of the Capital, fee HYPOTRACHELIUM FREEZE, in Commerce, a kind of Cloth, or Stuff; for

FRIEZING, CONGELATION, in Phyfiology, the Fixing of a Flaid; or depriving it of its natural Mobility, by the Action of Cold: Or the Act of converting a fluid Sabstance into a firm, coherent, rigid one, call'd Lee. See Ice, and COLD.

The Carrefront define Freezing to be the refting of a fluid Body, harden'd by Cold; which follows naturally enough

cepted, in freezing, i.e. take up more Space, and are frecifically lighter than before.

That the Bulk, or Dimensions of Water is increas'd by

freezing, is Matter of abundant Experiment; and here is may be proper to observe the Process of Nature.

A Glas Veffel, then, B D full of Water to D, being immerg'd in a Veffel of Water, mix'd with Salt, R S T V, the Water prefent-ly rises from E to F, which feems owing to the fudden Confirstion of the Veffel haltily P plung'd into fo cold a Medium. Soon after, rom the Point F it continually defeends, con H E denfing, till it arives at the Point G ; where, for fome time, it feems to remain at reft. But it foon recovers it felf, and begins to expand;

I, towards D, and if at length runs out at the Veffel. 2° That they lefe not only of their Specifick, but also of their Absolute Gravity, by freezing; to that when thaw'd again, they are found confiderably lighter than before.
3° That frozen Water is not quite to transparent, as 3° That frozen Water is not quite so transparent, as when liquid; and that Bodies don't perspire so freely thro

4º That Water, when froze, evaporates almost as much

5° That Water does nor freeze in Vacuo; but requires the Prefence and Contiguity of the Air.

quite fo readily as that which has not.

7° That the Water being coverd over with a Surface of Oil of Olives, does not freeze fo readily as without it: And

On of Olives, close har recess to readily as without it: And
that Nut Oil absolutely preferves it under a strong Frost,
when Olive Oil would not.

8° That Spirit of Wine, Nut Oil, and Oil of Turpenting don't freeze at all.

9° That the Surface of the Water, in freezing, appears
all wrinkled; the Roge, or Wrinkles being fomerimes in

parallel Lines, and fometimes like Rays, proceeding from The Theories of FREEZING, or the Method of account-

The Theories of PREEDING, on the second ing for thefe Phenomens, are very numerous.

The great Principles different Authors have gone apon, are either, That fome foreign Matter is introduced within the Pores of the Fluid, by whose means it is fix'd, its Bulk

or, that fome Matter naturally contain'd in the Fluid, is now expell'd, by the Absence whereof the Body becomes fix'd, ge.

Or, that there is fome Alteration produc'd in the Texture or Form, either of the Particles of the Fluid it felf, or of fomething contain'd within it. To fome one of which Principles all the Systems of Freezing are reducible.

L. The Carrellans, e. gr. who alcribe all to the Quictude of the Fars of the Fluid, before in Morion; account for Profession and Nexcels of the artherist Platters out of Profession and Nexcels of the artherist Platters out of fabric Marter, they hold to be that which gave the Particles of the Fluid their Morion. Configuently, upon the Athence of this Matter, the Fluidity must ceale.

A fine of the Matter, the Fluidity must ceale.

minution of the usual Force and Efficacy of the athersis Matter, occasion d by an Alteration in the Temperature of the Air, whereby it is incapacitated for agitating the Para of the Huid as usual.

II. The Gaffendift, and other Carpufularians, with more Probability aftribe the Preesing of Water to the logical of Multitades of cold or frigoristic. Particles, which entering the Láguer in Swarmay and differing themselves every way the life of the Water of the Water, and hinder the womed Agitation of its Parts; wedging it up, as it weee, into the hard and conditions they of ice. And hence its Increase of Dimensions, Coldness, Sc.

FRE

This Intromiffion of a foreign frigorifick Matter they sup-pole effential to Congelation; as that which characterises and diffinguishes it from Congulation: The former being effected indifferently by a hot, or cold Mixture; but the latter only

by a cold one. See Coaceration.

Of what kind thele frigorific Particles are, or how they produce their Effect, is Matter of Debate; and has given

cation to various Systems.

Hobbs will have it common Air, which intruding into the Water in Congelation, entangles it felf with the Particles of Water in Companion, cutting lat felf with the Particle of the Findly prevents which Monitor, positions the formattees Babbles obber'd in feet y that expanding its Ball, and em-dering it specified by lighter Dar that Copinson is overmally desired to the property of the Copinson in the Copinson in the Hermatically fail?, and into which the Alt can have no lo-graftly yet the Balbows will be an unservous berin, as in that times in the open Air. Add, that Cill is condemal, in free-colders, and those will be an unservous berin, as in that times in the open Air. Add, that Cill is condemal, in free-colders, and those the greater Names, will have the freezeng Antere to be a Salty anguing, that an Excell of Coll will reade Water tenglish by more compasil, with our Sair. They with these Particles, sky they, and doled differed Pressing Copinson besting a near existing to Cyrlating Pressing Copinson besting a near existing to Cyrlating.

and mix4 in a due Proportion, that are the Chief Came us Preceing: Congelation bearing a near relation to Cryffalli-zation. Sec Crystalleavion.

This Salt, they improfe of the Nitrous kind; and too be furnished by the Air, which is generally allow'd to abound in Nitre. See Airs, and Nitrre.

Lime the Purished of Nitrous property the Elability of

in Nitre. See Airs, and NYPRE.
How the Farticles of Nitro may prevent the Flaidity of Watter, is pretty easily accounted for: These Particles are supposed to be so many rigid, pointed Spicula, which are easily driven into the Samma, or Giobales of the Watter, cally driven into the Saimini, of Ciobalei of the Water; which that Scotting virially implicad energical described which that Scotting virially implicad energial described.

The faction this Effect of the property of the faction for the call of the faction this Effect of the faction of the faction of the faction of the faction of the orders of feedbas, is more than equal to the Fower or Principal of the faction of the faction of the faction. See Freueric kept in Montion, of This Option is imported by the largest Experiments of A Option of the Goromous Sair to Principal or with with

Artificial Preesing.

A Quantity of common Salt or Petre being mix'd with Snow, or for pattern's d; and the Mixmer difficial by the Snow, or for pattern's d; and the Mixmer difficial by the Snow, or for pattern's d; and the Mixmer and Solisations, the Warrs, that Patter of it near the Mixmer, and of the single word in warm Air. Where it is append, that the Spicals of the Salt, but Carvily of the Sultarree, and of the instance, and of the single warm of the Sultarree, and of the Sultarree and S mix'd with the Water: For that it is the Salt has the Battle, it evident; insignand as we know afferedly that the Particles of Water cannot find their Way thro' the bross of Glais. In great the Marson is aspected to the Particles of Water cannot find their Way thro' the Morson is aspected to the Water of Against this System the ingenious Author of the Nosvelle

Against this system the ingeneous nature of the Evouveuse Considers pour Expliquer in Nature de la Glace, objects, That it does not appear, that Nitre always enters the Composition of lee, but that if it did, it would come finer of accounting for fome of the principal Effects. For how, for inflance, thould the Particles of Nitre by contening the Peres (1997) and the Particles of Nitre by contening the Peres (1997). inhance, Bould the Particle of Nine by unring the Face of Water, and fixing the Parus, blight the Water to dilara and creder if focalically illpher? Naturally they flood about 1 This Diffically, with Sone others, there men is Weight. This Diffically, with Sone others, there are the properties of the Particle Particle and Water and Particle Particle and Water and Particle Particle and Water and Particle Pa

Bl. Water, then, foreas in the Winter only, because in Para being more delety juried tegether, meaning embarried County of the Gold County of the County of the County of the Gold Cou

their old Dimentions, and leave room for the Globules to

flow again. But this System has its Feible: The Principle on which it stands, may be demonstrated to be faile. The Syring, or Elisticity of the Air is not increased by Cold, but diminified, Air expands it self by Hear; and condenses by Cold. And ris demonstrated in Procumentals, that the calcilic Force of expanded Air, is so that of the slame Air condensed; as its

expanded Air, 50 to that of the fame Air concern a 3 so 185
Bulk when rarify d, to its Bulk, condended. See Ellari-city, and Air.
We don't know, whether it is worth mentioning, what fome Authors have advanced, to account for the Increase of Bulk and Dimination of specific Gravity of frozen Water : trie. That the aqueous Particles, in their natural State, were nearly Cubes, and so fill'd their Space without the Interpomeany cance, and so said their Space without the Interpo-fiction of many Pores: Bar that by Congelation they are chang'd from Cabes, to Spheres; whence a Necessity of a deal of empty Space between them. Cubic Particles are certainly much lels proper to conflictive a fluid, than spherical ones; and spherical Particles less disposed to form a fix'd, than coble ones. cubic ones.

Thus much the Nature of Fluidity and Firmness easily

faggedts. After all, for a confiding Theory of Freezing, we must recur either to the frigorife Marter of the Corpulcularium, confider'd under the Light and Advantages of the Neuronaum Buildoody: Or to the arborial Marter of the Correlate Hallondoor. flass, under the Improvements of Monf. Gauteron, in the Memorres de l'Academie Reyale des Sciences, fin. 1709.—
Each of which we shall here subjoin; and leave the Reader to make his Choice.

der to make his carace.

For the first: A Number of cold, faline Corpufcles being introduc'd into the Interflices between the Globules of Waintroduced into the intertifices between the Globules of Waters may be for an excludence, as to so which in the Sphere of one another's Attractions; the Goodsquence of which must be that the exploration of the other into one Gold, of nor Body. Till, the that they will of other into one Gold, of nor Body. Till, of the other into an Motion, breaks that Union, and Egaparter the Particles for from one another, that they get out of the Dilliton of the starteding Force, and not the Verge of the expelling Force, and then the Water radiations it final Form. For, that Gold and Foreign do said from from Substitute of the Control of the Co

thine of a taline Secure nearing in the AR, acting prosess ble bence, that all Salts, and more eminently fome parti-cular enex, when mix'd with Snow, or Ice, do prodigiously increase the Ferce and Efficile of Cold's Add, that all faline Bodies do produce a Stiffic's and Rigidity in the Parts of the Bodies, into which they cater.

picture for Presence a summer and the presence of the presence a folid Form. Further, there are many little Volumes or Particles of Air, included at feweral Diffrances both in the Porcs of the

Further, there are many first Valuence or Parisles of My, tacked of steven Dilutaces both in the Post of the Age of My, tacked of steven Dilutaces both in the Post of the Pos other Scalon of the Year.

other Scaton or the lear.

But further, from divers Experiments we have learnt, that the Air contains a Salt, supposed to be of the Nature of Nitre. This granted, and the Denfity of the Air allowd, it follows, that the Molecules of this Nitre mult likewife

be brought nearer together, and thickn'd by the Coodenfation of the Air: As, on the contrary, a Ratefaction of the Air, and an Augmentation of its Fluidity, must divide and feperate them.

If now the fame Thing happen to all Liquots that have imbibed, or diffolved any Sait; if the Warmth of the Li-quid keep the Sait exactly divided; and if the Coolne's of

qual keep the State couldly divided, and if the Condition of a Colling of the give occasion to the Molecules of the difficient of the difficult of the State of t

Dimination of Motion of the reft.

Now the Cherital Matter, wesk compaly of it felf in the Witners time, must lafe fittil more of its Force by its Aktion against Air condensed and lended with lange Madecate of against Air condensed and lended with lange Madecate of the Air control of the Air contr for all its forching Heat, is not able to prevent its Concre-

FREEZING Rain, or Raining Ice, a very uncommon kind of Shower, which fell in the Wolf of England, in December, Anno 1672; whereof we have divers Accounts in the Phi-

höpsbead 17-aujdilann.

This Rain, as foon as it much da say hing abore Ground, as a Rough, or the like; immediately fended into fee; and work in Weight of the like; immediately fended into fee; and with its Weight. The Rain that fell on the Stown, immediately from into fee, without finking in the Stown at all. It rande an interestible Definition of Trees, beyond only latted from into fee, without finking in the Stown at all. It rande an interestible Definition of Trees, beyond only find the finding of the store feel of the store of

Dr. Beale observes, that there was no confiderable Frost observed on the Ground during the whole; whence he concolere's on the Uround during the whole; whence he con-cludes, that a Froit may be very force and diagreeous on the property of the property of the property of the it keeps at two, three, or four Food dillner above the forcound, Rivera, Lakes, 6%. And may wander about very furious in forme Places, and remits in others, not fir off. The Froit was followed by glowing Hearts, and a wonderial For-wardness of Flowers and Fruits. See Facts. Factsins, in Commerce and Mangifedures; &c Pais-Factsins, in Commerce and Mangifedures; &c Pais-

PREDENSO Minture, a Proparation for the artificial Con-golidon of Water, and other Liquenza, and the analysis of the politicist, and the propagation of the analysis of the analysis, and the propagation of the analysis of

Monf. Homberg observes the fame of equal Quantities of

Mond. Humberg observés the fame of oqual Quantities of concritor Sublimura, and Sod Ammonds, with finer times the Research of the Control of Price. Soc Lawreaux.

Soc Lawreaux.

Soc Lawreaux.

The Language but McCley of feveral : Scarce my Language, but McCley of tevral : Scarce my Language, but McCley of tevral : Scarce my Language that period mond. The Language that prevail medi, and that are, as it the Control of the Cont

were, the Eafis thereof, are it The Celtie, whether that were a particular Language it felf, or whether it were only a Dialect of the Gether, as Ipake in the Weft, and North. 2 The Latin, which the Remant carried with them into the Gauts, when they made the Conquest thereof. And 2, The Transme, or that Dialect of the Transmis Ipake by the Practice, when they passed the Remains is and calabilist'd themselves in the Gauts. lves in the Ganis

Of these three Languages, in the space of about thirteen

hundred Years, was the French form'd; fuch as it is now

ts Progress was very flow; and both the Italian and Spa-

in reggess was very lows? and boin the Indian and open-if) were regular Languages long before the French. Palpjuter observes, it was under Philip de Falbis, that the French Tongue hift began to be polithid; and that in the Register of the Chamber of Accounts of that Time, there is a Parity feen almost equal to that of the prefer

Age.

Howeve, the French was fill a very imperfect Language.

Howeve, the French was fill a very imperfect Language.

If the Roign of Francis I. The Cultom of Speaking Latin at the Bar, and of writing the publick Acis and Instruments of the Courts of Jastices in that Language, had made the Language of the Language and the Language. them overlook the Freuel, their own Language. Add, that the preceding Ages had been remarkable for their Ignoone precening Ages had been remarkative for their light-stance, owing in good mealiver to the long and ealisations. Wars, which France had been engaged in: Whence, the French Nobletic determed it a kind of Merit, not to know any thing; and the General regarded little, whether or no they wrote and talk'd politely, provided they could but fish well.

fight well. But Francis I. who was the Reftorer of Learning, and the Father of the Learned; chang'd the Face of Things; and after his Time Henry Stevens printed his Book De to Pre-

fection: Which the Cardinal de Riebelieu compicated, by the Establishment of the French Academy; an Assembly, wherein the most diffinguish'd Persons of the Church, the Sword, and the Gown have been Members.

Sword, and the Gown have been Members.

Nor did the long Relgo of Lewin XIV, contribute a little to the Improvement of the Language. The perforal Ogdition of the Relgo of Lewin Live, contribute a did that of the Princes of the Blood, render'd his Court the political in the World. Wit and Magnificence kein'd 10 yes, and his Generals might have disjured with the Greeky, Remnan, Rev. the Glovy of Wirting well, if they could not

Remittally, &C. the trusty of Fritting wear, it may cover that of Fighting. From Court, the Elegance, and Parity of the Languagh pread it felf into the Provinces; and now there is no Body but writer and lipcake good Presch. Once of the Characters at the Fig. 12 Language is to be found in the Character of the First Provinces of the farme, and collection of the First Provinces of the Idea farme, Once is the Edward of Tasse where the Investigation of the farme, and the Edward of Tasse where the Investigation of the Ideas in our Minda; in which it difficult name order as the locas in our ninds; in which R difficts exceedingly from the Greek and Lating, where the invertion of the natural Order of the Words is a Beauty. Indeed, the Hebrew furpaffes even the French in this Point; but then it comes fiber of it in Copionineis and Va-

rety.

The state of the delta, however, that as to the Anatogy of Cernman, and the Simplicity whereith the Moods of Verba are form'd 4 the English into the Advantage, nor only over the French, but over all the known Languages in the Worldz But then the Turns, the Experiions, and the latter of the Anatogo of the English are formetimes to quants, and certain-clianty, that it loss a good deal of the Advantage which is grammatical Simplicity gives it over the refu. See Entertainty of the Company of t GLISH.

The French has but few compound Words; wherein if differs widely from the Greek, High Dintch, and Freight. This the French Authors own a great Diffadvanage a their Language; the Greek and Dutch deriving a great Part of their Force and Energy from the Composition of Words, and frequently expressing that in one founding Word, where and froquently expecting that in one founding Weed, which the Frieder found captels but by a Feriphrain. And the the Frieder found captels in the Feriphrain. And the The greatest Farr of those remaining in as the staying foil their deminators Springesteen. But what dillinguistics the Frieder med, I site Julinets, Purity, Accuracy, and heschiziny; on the Julius of the State of the State of the State of the Europet. The Felicy of States and Courts has readed at its needlay for the Ministers of Frinces, and their Officers, Set And the Title of Arrs and Sciences has had the Came of State And the Title of Arrs and Sciences has had the Came of State of States of States and States of States and States of States of

with regard to the Learned.

with regard to the Learned.
In Germany, and elfewhere, the Priocettes and Perioss
of Diffinction value themicives on understanding Frencis
And in fereral Courts of Europe, Frencis is almost as much
known as the Language of the Country; the 'the Court of
Frenna is an Exception from this Rule. Frence is there very
little aid in The European Leopald could not best to hear
it focks in his Court: The Latin and Intiens are there caltivated instead of it.

This Extensiveness of the French Language is no modern This extensiveness of the Preseb Language is no modern Advanage: William the Conqueron gwe Laws or England in the Preneb Language; and the anioent Cultoms of most of the Provinces of the Notherlands are wreet in the fame. Laftly, the Freneb is the fame Language every where a not only in all the Provinces of France, but in all the Places where its fpoke, out of France.

The feveral Nations who fpeak Sciannaic, don't fo much fpeak the fame Language, as different Dialocks of the fame Language. In feveral Parts of Europe there are as many different Languages, as there are States; and in Italy there different Languages, as there are Succes; and in Endy there are received in deserve than the convenient Dakelds, Some of the French, or Spanigh. In Hilliand, the Someon of the French, or Spanigh. In Hilliand, the Someon of Rarredom, and the Banks of the Morfe, dust understand those of doublewless, and the Coasis of the Zupier Zer. Language of Catellonian and Cardonian. The High Strate is not the furne in Sweeden, as in Tatland: in the Low Countries, as at Larbert. Belowing, History Creatia, &c. Countries, aux Lutedo. Bubenia, Hungary, Crantie, Re-arc Countries Designig to the Eurocay, set priest à Lan-paigo different from that fighte at Fusia. The King of Saucton, when the friends the Lunguige of the Guarry, Saucton, when the friends the Lunguige of the Guarry, I and, Re. And the like may be observed or the King of Demark, with regard to his Subject of Norway and Jestand: Whereas, at Sperker, the Lungiana, Marinion, S. J. Dumings, Photolopy, Rec. they just the fame Lunguige as at Yarri, and thoughout the rely of Francis. For a critical Regulations of this water regards the Francis

Tongue, fee the Remarques of M. Vangelas; and the Ob-fervations M. Corneille has made on those Remarks: The ferentiers M. Cornellie bas made on thole Remarks: The Remarques of Fa. Zamburs; and the Zondes of a Bei-Breton Gendeman by the fame Either: The Convergi-tions of Argie and Engene: The Objernation of M. Me-nage, and his Etymologies; with those of M. Hent: Ex-Patier's French Centumar; and that of the Abbe Reguier. And the two Discouries of the Abbe & Dangeam; one on the Vowels, and the other on the Confessions.

the Vowels, and the other on the Conforants.

FRENCH Bread, a Sort of Bread, valued for its Delicacy. See BREAD.

It is prepar'd by taking half a Bufhel of fine Flower, to ten Eggs, and a Pound and half of fresh Butter; and into that putting as much Yeft with a Manchet.

to that putting as much 1 cit with a Manchet.

Then, tempering the whole Mass with new Milk pretty hot, let it lie half an Hour to rife. Which done, make it into Loaves or Rolls, and wash it over with an Egg, beaten with Milk. The Oven not to be too hot. See Barnet. See BARING.

FRENCH-Man, fee FRANCICENA, and ENGLECERY. FRENDLES Man, was the old Sauss Name for him FRENDLES Man, was the old Jazon Name for him when we call an Outlow. So CUTLAW.

The Reason is, because he was, upon his Exclusion from the King's Peace and Protection, denyed all Help of Friends after certain Days: Name forist feet annex.

FRENZY, and FRENETIC, fee PHRENEY, and PHRENEY.

FRESCO, a kind of Painting; perform'd on fresh Plai-fler; or on a Wall laid with Mortar not yet dry; and with Wa-Colours. See PAINTING.

This fort of Fainting has a great Advantage : By its incorporating with the 202 tar, and drying along with it, it is render dextremely durable; and never fails or falls, but along

reader's extremely darabite; and neare fish or falls, but along with it. The Intensit, from who me between the Term, call is a Friger. Future with, it. B., r. c.; c. c. l. is it Che Schlerier. Patrician, B., r. c.; c. c. l. is it Che Schlerier. Patrician, B., r. c.; c. c. l. is it Che Schlerier. It is chiefly performed on Walls and Vaulus, newly plain. It is chiefly performed on Walls and Vaulus, newly plain. For which I man and Sand: But the Philiter is only to be laid, in proportion as the Painting goes on; so more being to be done at once, than the Palture can dispetch in a Doy, or be done at once, than the Palture can dispetch in a Doy,

on be done is once, than the Palmer can dilpanch in a Dry, while it is dry, gar to plant, a Catrone or Defign is stalling. Before Paper, so be called, and transfer do the Wall, about-half at Horse after the Pallett is applied.

The Antiens princed on Stock4, and we many remark in Parrowine, what infinite Core treby you is making the large in the Catronian and the Core treby you is making the large in the Catronian which is the Catronian with the Catronian and it does not dry to builting, and a being a little reconstit, it is that the Catronian and the Catronian and the Catronian and the Catronian and Catronian is fitter to lay Coloris on, than a Corona to white a coeter.

In this kind of Painting, all the Compound and Artificial Colours, and almost all the Minerals are let afide; and fearer any thing and but Earths; which are capable of preferving their Colour, defending it from the burning of the Lime, and refilting its Salt, which Virturnist calls its Bitterness.

For the Work to come out in all its Bearty; the Colours

For the Work to come our in all its locative; the Colorest must be laid on quick, while the Plaisiter is yet mosift: Nor must they ever be retouched, dry, with Colours mix'd up with the White of an Egg, or Size, or Gum, as form Workmen do; by reason such Colores grow blackish: Nor do the Colorest colores are restricted on Ladilla. crye themselves, but such as were laid on hastily

any pref

The Colours us'd, are White made of Lime flack'd long ago, and white Marble Duft; Oker, both red, and yellow; Violet Red; Verditer; Lapis Laculi; Smalt; Earth Black, Sc. All which are only ground, and work'd up with Water; and most of them grow brighter and brighter, as the

Fresco drice. See Colour, WHITE, BLACK, VERDITER, LAPIS, &c.

FRESH-Water, is that not tinctur'd or impregnated with Salt, or faline Particles, enough to be differentiale by the Serfe. See WAYER.

Scrife. See Water.

Such generally is that of Springs, Rains, Wells, Lakes,

Sc. Scanno, Rain, Well, Lakes, Sc.

Dr. Lifter is of Opinion, that the natural and original

State of Water it to be Salt: The Frieldreft he fuppoles to

be accidental, and to be oming to the Vapours of Fains, and

the Boach of Animals therein; and no the Erchsteine the Breath of Animals therein; and to the Exhalations raifed by the San.

catted by the Sam.

Others will have Water originally fresh; and take its
Saltness to be accidental: To account for which, a great
Number of Hypothesis have been framed. See SALTNESS.

The Saltness of Water is a foreign, and in most Cases a

samelal Oraline. It reaches it not got sandown to Tolka. The Sollencia or Water is a loreign, and in most cases a bartial Quality. It readers it not easy navious or to Taile, but greatly prejudicial to the Body: And it is generally aegreed, that those Waters, setzers; parabus, are beth, not only for drinking, but for excensional Uses, as Washing, Boiling, Brewing; which are the free "it from Sallencia".

Hence, various Methods have been contrived for examin-

Hence, various Methods have been contrived for examin-ing the Freshoest of Waters; and of making falt Water

frijk.

Mr. Beyle gives us a Method of examining the Frejknejfs
of Water, by means of a Precipitate, which caffs down any
staline Particles there floating therein.
Into 1000 Grains of dittilled Water, he pats one Grain
of Sait; and itsue the Scalation learn fail a few Drops of a finning
well filtrated Solution of well refin'd Silver, dittlov'd in citar
the staling of the Solution of the Solution

well dirated Solution of well rehalf Suiver, distored in case Appar Fortil; year which there immediately appears a whitth Cloud, which, he' but Howly, defeends to the Boston, and there forders to the Boston in a white Tree; jister, which is the faline Matter of the Fuild.

This Method, if it were required, would examine Walling the Company, than that here injectify it. It has been a suited to the company of the company of

of the Salt in 2000, nay 3000 times the Weight of Water.

in

The Experiment was tried before the Royal Society, in
1692. by Dr. Slosny, where it was likewife found that a
Drop or two, even of Spirit of Salt, mix'd with common
Water, weald be differer'd by the fame Method.——

Dr. Hock, in the fame Year, read a Lecture before the Royal Society, on a Method of his own, for differentiate fmalleft Quantity of Salt contain'd in Water, on a Principle of Hydroflaticks.

of Hydradisticki.

The Operation was performed by meetes of a large. Police of Globs, of the Sharpe of a Bold Head; the Ball thereof of Globs, of the Sharpe of a Bold Head; the Ball thereof belong for policy diversed to the property of the Ball the Harper of the Harpe

seak near half an inen sower in the water.

The Dulcitying, or making of fair Water fresh, is a Socret, and has been long fought with great Attention.

Dr. Lister takes the most casty, fafe, and natural way of procaring fresh Water from the Sea, to be by putting Sea Plants,

a Marina, or common Sea Weed into a Quantity of the Water, in a Glass Body, with a Head, Beak, and Re-ceiver: From which a fresh, sweet, and potable Liquor will continually diffill.

Monf. Hauton has at length declared his Secret of mak-

ing Sca Water fresh.
It confishs first, in a Precipitation, made with Oil of Tarat conflit fifth, in a Presipitation, made with OUI of Tattra, which he can prepare at a finall Raymen. North activities the Set Westr, with a Samuer contribit to take up to the conflit the Set Westr, with a Samuer contribit to take up to the conflict the Set Westr and the Conflict the Set Westr and Set Westra and Set Westr and Set West

FRESH Fine, is that which was levied within a Year paff.

Faran Fine, is that which was levied within a Xear pail.

(Mythan 2. 6.2). See Fine3. in Law, is a Force does
within ferry Days. See Foo.xx.

If a Man be distilled of any Lands or Terements, within
any City or Morogoly or coloined from them after the
any City or Morogoly or coloined from them after the
Death of his Terman for Life, or in Tally he many, within
forry Days after his Talle acrosed, have his Remedy by an
Allies, or Sill of First Forzer.

FRESH Sute, Recens Infecutio, is such a present and active Prolecution of an Oliender, as never ceases, from the Time of the Offence committed, or discover'd, till he be

Time of the Offence commined, or different, ell he be speechened. See for the first a Felin, it is the Breister of the Breiste the River.

As this is more or lefs, they call it a great or finall Fresh Shot. FRET, or FRETTE, in Architecture, a kind of Knot, or Ornament, confuling of two Liffs, or finall Fillets variously interlaced, or wove, and running at parallel Diffances, equal

to their Breadth.

A necessary Condition of these Frees is, that every Re-turn, and Intersection be at Right Angles. This is so indif-pensible, that they have no Beauty without it; but becomometimes the Fret confifts but of a fingle Filler; which, i

well managed, may be made to fill its Space exceedingly well.

The Antients made great use of these Frets: The Places the annuests made great ute of thefe Free; The Places they were chieffy applied on, were even, flat Members, or Parts of Building; as the Faces of the Cornea, and Eves of Cornices; under the Reofs, Soffits, Sc. on the Plinths of Bafes, Sc.

The Appellation was occasion'd hence, that the Word Prette literally fignifyd the Timber Work of a Roof, which confifts chiefly, of Beams, Rafters, &c. laid a crols each other, and as it were, fretted.

other, and as it were, freited.

Fran vewer, an Bearthment of Freit, or a Flace adord's Fran vewer, and Bearthment of the State of the France of the Freit of the



FRET, or FRETTE, in Heraldry, is a Bearing confitting of fix Bars, croft'd, and interlac'd, fret wite; a sin the adjoining Figure. He bears Diamod a Fret Topa: The Coat Armor fermenty of the Lord Mattrevers,

Coat Attended to the Lord Mattreeters, and now quarter'd by the Duke of Norfelk. When it conflits of more than fix Pieces, the Number mult be fpecified. Some call this the true Lovers Knot; others, Harrington's Knot, because it is their Arms, and Nodeforms the Motto. Gibbon is for calling it Heraldorum Nodus Amal

FRETTY, or FRETTER, in Heraldry, is where there are divers Bars laid a-cross each other.

Frettee is of fix, eight, or more Pieces. Azure, Fretty

Frettes is of fix, eight, or more Piecos. Azure, Fretty of eight Piecos Or: The Coar of the Lord Willoughly. Columbiere observes, that Fretzy ablottely sud, without any Addition, is fuppost to be of fix Piecos; that is, formany Bars or Piecos croffing each other t Wilch, therefore, need not be expected; but if there be more, as much mult be mentional.

be mention'd. And yet Guillim has Azure, Fretty of fix, Argent: The Coat of the antient Lords Elibingham of Suffex. Guillim derives the Word from the French Rets, Net:

Guillim derives the Word from the French Reis, Not: But the Reader will easily furnish himself a better Esymology from the Word Farr, in Architecture.

FRIABLE, is applied to Bodies, to denote them tender and brittle; easily cambled, or reduced to Powder between the Figger Their Force of Cobesion being such as easily ex-

pofes them to Solution. poles them to Solution.

Such is Purince, and all calcin'd Stones, burnt Alum, &c.

Friability is suppos'd to arise hence, that the Body confits wholly of dry Parss, tregularly combined, and white
are readily separated, 22 having nothing anchous, or glutinous to bind them together. See Constsion. nous to b

Reas to shid them together. So Contains, the Italians Fratter, the Italians Fratterlie, and the French, Frere, that is, Brother, is a Term common to the Monks of all Ordens; founded on this, that there is a kind of Fraternity, or Broderbod pretimed between the feveral religious Perfons of the fame

Convent, or Monastery. See BROTHER, MONE, &c.
The kinds of Friars are very numerous, Augustin Friars; Donunican, or Black, or Preaching Friars; Francifcan, or Grey, or Minor, or Begging Friars; Carmelites,

DOMINICAN, FRANCISCAN, CARMELITE, &C. FRIAR, in its more peculiar and proper Senic, is re-firsin'd to fach Monks, as are not Pricits; for those in Or-ders, are usually dignify'd with the Appellation of Fasher.

FRIARS, OF FRIERS Observant, Fratres Observantes, were a Branch of the Franciscant, which are Minores tam Observantes, guam Conventuales & Capucini. See Minor,

and OBSERVANT.

and OBSERVANY.

They were called Objervants, because not combined togother in any Clottler, Convent, or Corporation, as the Conventuals are, but only agreed among themselves to observe
the Rules of their Order, and that more strictly than the Conventuals are. ventuals did; from whom they separated themselves out of a Singularity of Zeal; living in certain Places of their own

of a diagnosisty of Zeas; Iring in colorable of Anglo-Saxon.

FRIBURGH, or Fritting of a mong our Anglo-Saxon.

Anceflors, denoted the ame as Frank-pledge did after the
Time of the Conquell. See Frank-planes.

Time of the Conquell. See Frank-Plenor.

Pretere of questen finame is maxima fearring, fer quam omnes flats fremilineo fulfamente, via. ut unsupujiga flashitat fe ful flashitat ful flashitat flashita

force Decemary, or Company of ten Families, who were pledg'd or bound for each other, to keep the Peace, and ob-ferve the Law. See Decenna:

ferre the Law. See Dacinsai.

If any Officer was done by one, the other nine, were to answer it. That is, if the Crimital Red from judice, they had their play spid or to apprehend him. If he was no had their play spid or to apprehend him. If he was no better to spid Bedge of the tem, should take two of his own Nambers, and the chilf Pedge of three objects and the child Prilary is, who were to purple themselves and their Prilary is who were to purple themselves and their Prilary is who were to purple themselves and their Prilary of the Prilary is who were to purple themselves and their Prilary of the Grimmial. If they could not do made Sufficient of Bedge, with the other cight, were to

make Satisfaction,

make Suffachke.

Great Mon were not combined in any ordinary Diceases, or Duesity at being deem of a fafficient Affarrace for them-fective and their mend Servisins. See Duesity. For experiment of the second servisins of the second servisins of the second servisins. See Duesity. For Fringe sea, and fafficed with Batter, Gil, or the like.

That we fine, Printing of Father, of Rubbins, of Trackes, of Tripp, of Freng, of Father, of Trackes, or Tripp, or Freng, of Father, or Freng, or Father, or Freng, or Father, or Father form of the Notice made by Batter, or other Fat, when melted in the Father. FRICTION, the Act of rubbing, or grating the Surface

one Body against that of another; called also Attrition.

The Phanomena arising upon the Friction of divers Bodies under divers Circumftances, are very numerous and confi-Mr. Hawkshee gives us a Number of Experiments of this

Kind: Particularly that of the Attrition, or Friction of Glass, under various Circumftances, the Reluit of which was, that it yielded Light, became Electrical, &c. See Ar-

Guits, uness, that is delided Light, become necessary, we, that it yielded Light, become necessary for the part of the part of

Fire, Light, Hear, Phosners, Diamond, &c.
Frierico, in Mechanicks, the Refiftance a moving Body
moots withal from the Surface whereon it moves. See Re-

SISTANCE.

Frillion, atiles from the Reughnels or Afperity of the Surface of the Body mov'd on, and that of the Body moving. For fact Neurisca conditing alternately of Eminences, and Cavities a cither the Eminences of the one must be waited ones their of the three facts. ange. Lev men Surines confiding alternately of Emfances, and the suriness of the con mult be surined as a strict of the con mult be surined over their period over their period over their period. He can do not off: But neither can happen without Maries, not can Morte be pended without a Fare imperiod. Hence on the surine suriness without the suriness of the surines

Laws of Paiction.

1º As the Weight of a Body moving on austher, is inreafed, fo is the Friction

erreft, f. pt the Friction.
This we be coprelimentally in a Balanco 3 which when
only charged with a finall Weight, eafly terms, but with a
greater, a greater Prote inequired. as meeting Body be
elision to the Surface meeted only the Friffinis is the greater,
that having the dimen Erifde as a nearest of Weight.
And hexce, again, as a perpendicular Stroke, or Imperfeit
in it on a tolique one as the whole Sine, or the Sime of
the Angle of Inchesce; and the Sine of the greater Angle
greater, as the Lite of Direction approaches paracter or a

is greater, and that of the lefter, left The Fritten is the greater, as the Line of Direction sproaches matter to a free of the left of th of: And, as the Toods of the Rukey, H, roffils the fame; it could not proceed without removing, or bracking either it could not proceed without removing, or bracking either it could not prough Surface upon another; where all the Profiles will the place, then can say way after from the place, the can say way after from the could not be a superior of the could be a superior of the land of the Ruker, then the Tool II will be blood to redd in whom the form the could be a superior of the Tools II will be a superior of the Manhelle filled a storg another, II it can be a woulded in

of the Machine filide along another; if it is on he avoided by Bar tather that they rol, or turn apan cach other. With Bar tather that they rol, or turn apan cach other. With the state of the state of

rriages

Carriages.
From thefe Principles, with a little further Help from the higher Geometry, Olass Resource determined the Figure of the Teach of Wheels, that floudid make the least Refifiance politiles, and which flould be epicycloidal. And the Same was afterwards demonstrated by \$de la Hires, the', which is to be lamented, the Thing is not yet taken into Pra-

Hence in Sawing-Mills, the Sides of the wooden Rectangle the Saws are fitted into, should be furnished with Results, or little Wheels, which would greatly leften the Fritisms; and the like in other Cafes. Add, that as Winches, or curved Axes percentall Fritisms, those should be used in lice of Wheels, as often as it is possible. See

Wincia.

Calculation of the Quantity or Value of Friction.

The Priclion is a Point of the utmost Importance in Machines; and by all means to be confidered, in calculating the Force thereof: Yet it is generally overlook'd in such

Calculations: But this, principally, by reason its precise Vahas is not known.

It is now yet could'd to creatin, and infaitible Rules: The common Method is, barely to compact the Advantage, and the state of the common Method is, barely to compact the Advantage, account of the Diffuser from a fact Pariety or of the Direction in which is afts. And in all the Demonstrations is in contrast to the contrast of the Common terms o hae is not known.

ceived. M. Amouson's Principe, is, that the Fridlers of two Bo-dies depends on the Weight, or Force wherewith they bear frinciple prefix or applied against each force are more frinciple prefix, or applied against each force are charged with a greater Weights And that it is a valgar Error, that the Quantity of Fridlion has any Dependance on the Biguels of the Surfaces rabld against each other; or that the Fridlinn increases as the Surfaces do.

Upon the first Perspoid of this Paradox, M. de la Here
had Recourte to Insperiments, which forecoded much in
Nood, on a rough Table: Their States were uncough; by
he laid Weights on them, for an or rooter them all equally
been, and he found, that the large precise front, or
here, and he found, that the large precise front, or
put each is Moriou, networking all the Insequinity of
the Surfaces. The Experiment faceocide in the firme manUpon this, M. de la Here brook himself to the Rationale
of the Thing; and han given as a Phicial Solution of the
Effect; And M. Ammercy feetlet a Catalase of the Vites
the States. The New Yorkiple.

the fooling of the New Principle.

Mood, Iron, Lead, and Braid, which are the principal in Machines, he finds the Refifiance couled by Fridien, to be nearly the fame, when thoe Materials are amointed with Oil, or other fatty Matters: And this Re-

are anointed with Oil, or other harty Marters And this No-filance, independant of the Quantity of Surface, he makes to be nearly equal to a third Part of the Forco wherewith the Bodies are predix against each other. Befide the Prifition, the Magnitude whereof determiner that of the Prifition 4 there is another Circumfiance to be considered, viz. the Velocity. The Frifitien is the greatery and the more difficult to furmount, as the Parts are rub'd against each other with the greater Swiftness: So that this Velocity must be compared with that of the Power needfary to move the Machine, and overcome the Friflien. stary to move the Machine, and overcome the Frittens. It is not Voicity of the Power be doubt in its of the Farr rub'd, it acquires, by that meant, an Advanzage that make it acquires, by that meant, an Advanzage that make contrary Force of Frittens by non-hair, and reduces it to a fixth Part of the Weight or Fredion. But this Velocity M. Amazonsi only confidences as Circumflance that augments or diminishes the Effect of the Fredion, i. e. the Difficulty of the Motion; So that the Fritten still follows the Proper of the Motion; So that the Fritten still follows the Proper of the Motion; So that the Fritten still follows the Proper of the Notion's so that the Proposition of the Weight. Only, we are hereby directed to dispose the Parts of Machines that rub against each other, in such manner as that they may have the least Velocity possible. And thus the Diameter of the Axis of a Wheel should be as And thus the Diameter of the Axis of a Whoel fluids be as final as positibe, white grant of onts of the Whoel is in that the leafer the Axis, the flower will be the Motion of the Serfices to the Motion and the Motion of the Serfices of Motion always pose adminishing from the Circumference to the Centre. And for the fame Reason the 'Leeth of Beared Wheel flounds be as final and this a positive is row a Took catching on a North, 1/6, multi-one of its fides ageinst a Sar-tial time by adding one or a North, 1/6 and the Motion and the training on the North Company of the Motion and the training of the Motion and the Motion and the Motion and the training of the Motion and the

face coult to its own, and is no diseagent feel in a scr-tim time by prifing over a Space copie to the Surface. Confequency, the list the Garler's the include the Confequency, the list the Garler's the list of the Confequency, and the Red-flace of the Prifing so can it is a less fortice that rads, but as there is a six Space to more. The surface of the Prifing so can be sufficient to the Red-flace of the Through of Priffing so the Public, not even the Anademy is fell where it was reposed, could not be brought great Briefs; and is, is many Cofes, the only Thing to be considered in Priffings: The 'roull be hard to perfused as also find the Conference of the Conference feet, the Contrary feems capable of a Metaphysical Demon-

If two Bodies with plain Surfaces, supposed infinitely hard, If two Bodles with plain Surfaces, fuppoded infinitely bard, and polified, be mere along each other, in Prefere will applied the control of the plain of the plai

the Sartice has nothing to do.

In the fector (Left, the Magnetia of the Surface would in the fector (Left, the Magnetia of the Surface) would be a being the shifted from the first; i.e. could the Farrar of one Bedy be rulyd and wors against those for the other, without ruling one of them; it being withlet that a greater Number of Farrar to be booke would make a greater Refiftence, than a left. But as in Fractice we never ruly, or grind without ruling the Magnetia of the Surface (Left, Magnetia of the Surface) when the Surface we never ruly, or grind without the surface that Good is the Refiftence arting from the Greatest for the Surface of th

rating the Body; a the Retifiance arining from the Grestred of the Surface is always combined in the fector Caulie with that from the Prefilion, may be alone, and uncompounded. Add, that what is were off a Body, is ordinarily very lic. tie, with regard to the great Number of times the Body muth have been raifed during the Prefilion 3, and all the lif-ted Highin 20dd together, which the Body muth have been

Hence, as the Refishance from Preflicin may be fingle; and as the time always accompanies that ariting from the Magnitude of the Surfaces; and is ufually much the more considerable of the two, when it does accompany it: For the Refiness in most of the Experiments that are made, it is the only one perceived, and the only one that need to be confider d.

But then, as 'its possible, in certain Cates, for the Pref-tion to be very slender; and the Namber of Paras to be rub'd very great: I must be own'd there are Cases wherein the Frittiess follows very sensibly the Proportion of the Surfaces

For the Friction of the Parts of Fluids, fee RESISTANCE, and RETARDATION of Fluids.
FRICTION, in Medicine, and Chirurgery, the Act of rub-

bing a discased Part with Oils, Unquents, or other Matters, der to cale, relieve, and cure it. See Unguent in order to cate, rolleve, and cure it. See Unioners. Prictions are much uted, of-pocially abrend, in Venercal Cafes; where they prefer the applying of Mercury externally, by way of Pritions; to that of giving it internally to table a Salivation. See Salivation, and Miles Cury. There are also Fritions with the Profiberary, a lines.

Clorb, or the Hand only: For the Effect of which last, see STROAKING

Friffions in the general, and of any kind, are a fort of Exercise that contributes very greatly to Health; as they excite and flir up the natural Warmth, divert Definitions, promote Perspiration, open the Porcs of the Skin, and car-

promote Fernandon, oper yo off Humore,
yo off Humore,
The Rielberule, Dr. Cheyne children, is an Exercise molt
uleful for permoting a full and free Perspiration and Circulation. Every Body knows the Effect of currying of Hories,
the Human San Wyelt, and active g is as to

Inton. Fereiry Body howe the Effect of carrying of Hories, but in makes them feels, pay, levely, and dilve; p is an what in makes them feels, pay, levely, and dilve; p is an William of the second of

FRICTION, or FRIXION, in Chymistry, is the same with what in Cookery we call Frying, via. a Preparation of cer-tain Matters in a Pan, with the Addition of some uncluous

rain Mattees in a Pan, with the Addition of fome unbluous thing, as Olf, Fast, Sc.

The Prinsion of Medicines is perform'd over a flow, mo-cente Fire; and that of Feods over a quick one.
FRIDSTOLL, and PRIVESTOW, in our antient Writers, fignifies a Seat, Chair, or Place of Pecco. See SANCTU-

In the Charter of Immunities granted to the Church of an toe waster of immunities granted to the Church of St. Peter in Tork, by Hen.; and confirmed An, 5; H. 7, we read thus,—Qued fi aliquit cofinos firitis agitarus di-shellor sully automation coffer prefumers in Castedra lapides justed Alizer, quod Angelic vecam Fridikol, in Castedra lapides justed Alizer, quod Angelic vecam Fridikol, for chiqui generalator fait milly juste tem flagified formigit generalator fait milly juste core, fait mille peeunde suntail claudechatur, feld ajust Angelis Beecles, hos cft, fine ementa,

escapatur.

Of these there were many others in England; but, the most famous was at Beverly, which had this inscription, Hee selects skylides Freedfield diction, i. e. Pacis Cathedra, ad quam reus fugiendo perveniens, omnimodam habes securitatem. Camb.

It fignifies also a Palace, which is usually a priviledg'd

FRIENDLY Swiety, fee Office of Insurance. FRIENDLY Swiety, fee Office of Insurance. FRIEZE, or Fraze, or Frazes, in Architecture, a Member, or Division of the Bratabature of Columns, by the Antients call'd Zapheyer. See Frazes. FRIGATOON, a Version Sviffe, commonly us'd in

Adriatick. It is built with a square Stern, and without any Fore-mast, having only a Main-mast, Missen-mast, and Bowspett. FRIGID, of the Latin frigidus, cold, is variously

A frigid Style, is a low, jejune manner of Diction, catting Force, Warmth of Imagination, Figures of Speech,

Sec STYLE. Faigip Zone, or Frozen Zone, in Geography. See

FRIGIDITY, is also used in the same Scale with In-FRIGORIFIC, in Physicks; formething that occasions cold. See Corp.

Some Philosophers, particularly Gaffeindes, and other Corputcularians, denying Cold to be a mere Privation or Abience of Heat, contend that there are actual frigorific Ablence of Heat, contend that there are actual prigoritie Corpulctes, or Particles as well as fiery ones: Whence proceed Cold and Heat. But the later Philosophers allow of no orcher frigorific Particles, befide thole nitrous Salts, which Boat in the Air in cold Weather, and occasion Precising. See FREEZING. FRIPPERY, a French Term, fometimes used in our

Language.

Frippery, or Fripperis, properly imports the Trade, or Traffick of old fecond-hand Cloaths, and Goods. The Word is also used for the Place, where such fort of Commerce is carried on, and even for the Commodities

The Company of Prippiers, or Pripperers at Paris, are a regular Corporation, of an antient Standing, and make a confiderable Figure among the Communicates of that City. See BROBER

FRIT, or FRETT, in the Glass Manufacture, is the Mat-ter, or Ingredients, whereof Glass is to be made, calcined,

ter, or ingredients, whereof Cista is to be made, cattines, or baded in a Furnace. See Crass.

A Salt drawn from the Afthes of the Plant Kall, or from Fern, mixé with Sand, or Flints, and baked together, make an opake Maß, called by Glaffmen Fris probably from fritance, to fry 5 or by readon the Frit, when melted, runs into lumps like Fritters, called by the Italians, Fritalians, Crass.

By the Antients it was called Hammonitrum, or Anmo-nitrum, of dung, Sand, and vibre, Nitre: Under which Name it is described by Pliny thus: Fine Sand from the Voltarnian Sea, mix'd with three times the Quantity of Nitre, and melted, makes a Mass call'd Ammonitrum; which being re-boiled, makes pure Glass. Hift. Nat. L. 56.

6. 20. Prit, Nori observes, is only the Cake of the Materials which make Glafs; which, the they might be melted, and Glafs be made without these sclaining them, yet would it take up much more Time. This Calcining, or making of Prit, ferves to mix and incorporate the Materials together, and to evaporate all the superfluous Humidity. The Frit once made, is readily fufed and turned into Glais.

There are three kinds of Priss: The First, Crystal Pris, or that for Crystal Metal, made with Salt of Polyetine and

The Second, and ordinary Frit is made of the bare Affics of Polverine, or Barillia, without extracting the Salt from them. This makes the ordinary white, or crystal Meral.

The Third, is Fris for Green Glaffes, made of common Afhes, without any Preparation. This laft Fris will require

Affices, without any Freparation. I are interest win requires to or 12 Hours laking.

The Materials in each, are to be finely powder'd, wasfi'd, and firered, then equally mix'd, and frequently tiltr'd together in the Melting Pot. For the reft the Grass, and CANNEAL.

FRITHBURGH, fee FRIBURGH.

PRITIGIAN, was anciently the fine we now call a grid for a Praternity, or Company. See Gran, Fig. 19.

Grid, or a Praternity, or Company. See Gran, the Enthbarre of Column, more usually were, and pronounced Praces. See Tarias, or Farsian, or Farsia, or Grandere, a kind of condition of the Company of the Company

FRIZING of Cloth, a Term in the Woolen Manufactury, applied to the forming of the Nap of a Cloth, or Stuff, into a number of little hard Buts, or Prominences, covering

aimost the whole Ground thereof.

simed the whole Ground chereof.

Some Cleaks are only friend on the Bret-field; a subset Gleaks to Others on the right Side, as colored and mixed Cleaks to Others on the right Side, as colored and mixed Princip may be performed two weary. One emit the Hand, i. e. by means of two Workmen, who conside a kind of Praise, may be performed two weary. One emit the Hand, i. e. by means of two Workmen, who conside a kind of Grand, that ferers as a Friending Influence, or a Handle, or Gonzelmen by Man. This intere is oftened the better way of Friending by perfora the Morion being miniora, and orapidar, the little Knobs of the Friendy for Grand more cognition, and side. The Groutmer of this widely Machales and the Company of th

is as follows,

25 as nuovos.

The three principal Parts are, The Prizer, or Crifpers
the Prizing Tables, and the Director, or Beam
the Viriating Tables, and the Director, or Beam
the was first are one capal breads, directing and
the the Prizing Table is lined, or coverf with a kind
of coar's Wooles Suiff, of a rough, furthy Nays, and that the
Prizer is incruitated with a kind of Coment, compoded of
Glee,

aing Tuble, which is a wooden Roller, befer all over with little, fine, fhort Points or Ends of Wire, like those of

http:, and, inter tours of Lines or wire, he take to Cards, used in carding of Wool.

The Difiposition and Ule of the Machine is thus: The Table fitneds immereable, and bears, or felfains the Cloth to be frized, which is with that Side uppermost, on which the Frize is to be rifled. Over the Table is placed the Frithe Frize is to be raised. Over the Table is placed the Frizer at fach Distance from it, as to give room for the Stuff to be passed between them: So, that the Frizer having a very slow semicircular Motion, meeting the very 1000 temericular Motion, meeting the long Hairs or Nap of the Cloth, twith and rolls them into little Knobs, or Buttons; while, at the fame time, the Drawer, which is continually turning, draws away the Stuff from ander the Frieer, and winds it over its own Points.

Frizer, and winds it over its own Points.
All that the Workman has to do while the Machine is going, is to firetch the Stuff on the Table, as faft as the Drawer takes it off, and, from time to time, to take off the Stuff from the Points of the Drawer.

It has already been observed, that the Frieing Table is lined with Stuff of a fhort, flist, stubby Nab; the Use whereof is to detain the Gloth between the Table, and Frizer long enough for the Grain to be form'd; that the Drawer may not take it away too readily; which must otherwise be the Case, inasmuch as it is not held by any thing at the other

It were needless to say any thing particular of the man-ner of frining Stuffs with the Hand; it being the Aim of Workmen to imitate as near as they can, with their den Instrument, the flow, equable, and circular Motion the Machine. It needs only be added, that their Frizer of the Machine. is bur about two Foot long, and one broad; and that to form the Nap more easily, they mostlen the Surface of the Stuff lightly with Water, mingled with Whites of Eggs, or

FRONT, the Forehead, or that Part of the Face above

the Eyebrows. See Os FRONTIS.

The Word is form'd of the Latin Front, and that from

ne Greek servis, to think, perceive; of oper, ment, Mind, Thought. Martinity, to make out this Etymology, observes, that from the Forehead of a Person we perceive omerves, that from the Forehead of a Person we perceive what he is, what he is capable of, and what he thinks of Du Laurens chuses to derive it from ferre, by tealon it bears the Marks of what we have in our Head.

FRONT is also us'd where several Persons, or Things are

FRONT is allo used where two-real Persons, or Things are ranged Side by Side, and flow their Front.

Those Troops ranged in form of Battel made a large Pront: The three Legions were here disposed in two Lines, as Cefar used to do, when with a few Porces he had occasion to the Company of the as Cayar us of to co, well to extend his Front. The Front of the Army confifted of so many Battalions, and so many Squadrons.

many Battalions, and so many Squadrons.

The Milistry Evolutions teach how to make a Frost of any Side, i.e. How to present the Face and Arms to the Enemy, what Side Soever he attack on. They attack d the

Energy in Front, and in Flank. See Flank, FRONT, in Architecture, the principal Face, or Side of a Building: Or that prefented to the chief Afpect, or View. See FACE The Palace confifts of a large Pile in Front, flank'd with

THE TRIBECCORDING OF A large Pile in Front, flank'd with two Wings. See FRONTISFIECE.
FRONT, in Peripeditive, a Projection, or Reprefentation of the Face or Fore-part of an Object; or of that Fart directly opposite to the Eye; call'd alfo, and more usually, Orthography. See ORTHOGRAPHY.

Orthography. See ORTHOGRAPHY. FRONTAL, in Architecture, a little Fronton, or Pediment, fometimes placed over a little Door, or Window. See PRIMERY.

See Federalt D., in Arstomy, See Of Frontis-Frontials, of Frontis, in Modicies, an external Form of Common Production, in Modicies, an external Form of Language and Common Production of Common Production, in Common Management, 1988, page 1889, page 188

of Unguentum populeum, Extract of Opium; or of Patter, In Frontals applied to ease the Violence of the Head ach in the height of Fevers, they frequently mix the Kernels of Cherries.

FRONTAL, FRONTLEY, or BROW-BAND, is also us'd in fpeaking of the Jewish Ceremonies The Frontal confifts of four feveral Pieces of Veillem, on

The Prental confilts of four feveral Fieces of Vellum, on each whereof is wrote four Text of Scripance. They are all laid on a piece of black Caires Leather, with Thongs to tye it by. The Jews apply the Leather with the Vellum on their Foreheads, in the Synagegue, and tie it round the Head

with the Thongs.
FRONT'ALES, in Anatomy, two Muscles, one on each Side the Forchead; commonly supposed to fpring from the

Gise, Gun Arabiet, and yellow Stad, with a life. Apper Stad, but one bown to affection the Occident Makietz Figs, our classes the Staff from the Occident Makietz which is a person that the Terrative and Staff and Table, which is a wooder Rokety, plet all over with the Staff from the Occident Makietz and Table, which is a wooder Rokety, plet all over with the Staff and Staff or the Perchad and Pyterlows. See OCCIPITALIS.

The Frontales begin to be thus denominated after they have begun to pais the Coronal Suture, with Fibres passing obliquely to the Eyebrows, where they terminate, and in the

ver Part of the Skin of the Forehead. They have each two Appendages; the superior, or ex-ternal is commonly fix'd to the Bone of the Noie; the lower is fix'd to the Os Frontis, and is by Voicherus Cotter made a diffinit Musice, and called Corrugator, from its Ufe in drawing the Eyebrows to each other.—— FRONTATED, a Term us'd by the Botanitts, to ex-

prefs that the Petalum or Leaf of a Flower grows broader nd broader; and at last, perhaps, terminates in a Right

In opposition to cuspidated, which expresses that the

In opposition to emptantes, which expresses that the Leaves terminate in a Point. See PLYALA.

FRONTIER, the Border, Confine, or Extreme of a' Kingdom, or Province; which the Enomies find in Prost, when they would enter the time.

A Frontier Town: Frontier Province. Frontiers were

The Word is derived from the French Frontiere, and that of the Latin Frontaria, as being a kind of Front to the Enemy. Skinner derives Frontier from Fro

afmuch as the Frantier is the exterior, and most advanced Part of a State, as the Front is that of the Face of a Man. FRONTIS Os, in Anatomy, the Bone of the Ferencad See FRONT The Os Frontis is a Bone of the Cranium, in form almost

round: It joins the Bones of the Sinciput and Temples by the Coronal Suture, and the Bones of the upper Jaw by the transverse Suture, and the Os Sphenoides, by the Sphenoidal Suture. See CRANIUM It forms the upper Part of the Orbit, and has four Apo-

It torms the upper Part of the Orbit, and has four Apo-phyles, which are at the four Angels of the two Orbits. It has two Holes above the Orbits, thro' which pais the Vein, Artery, and fome Twing of the first Branch of the fifth Pair. It has also one in each Orbit, a little above the Planum, they which a Twig of the Orbitalmick Branch of the fifth Pair of Nerves passes to the Nose.

the fifth rair of Nerves panes to the Avec. It has two Sinus's above the Eyebrows, between its two Tables; they are lined with a thin Membrane, in which there are feweral Blood Veffels and Glands, which separato a mucous Scrofity, that falls into the Nostrils.

The Inside of this Bone has several Inequalities, made by the Veffeis of the Dura Mater. It has two large Dimby the Veffels of the Dura Mater. It has two large Dim-ples made by the anterior Lobes of the Brain. Above the Crifts Galls, it has a finall biled Hole, into which the End of the Sinus longivisticated is in inferted. FRONTISTIECE, in Archirecture, the Portail, or prin-cipal Face of a fine Building. See PORTAIL. The Fruntifices of the Lower is the finelt Picco of Ar-

chitecture in France. The Word is form'd of the Latin Frontifpicium Frontis bominis inspectio. Hence, by a Figure, we tay Frontiffice of a Book, meaning an Ornament with an en-graven Title on the first Page.

FRONTLET, fee FRONTAL-

FRONTON, in Architecture, an Ornament among us, ore usually called Pediment. See Pediment.

FROST, an exceffive cold State of the Weather, where-by the Motion and Fluidity of Liquots is Infranced: Or, it is that State of the Air, &c. whereby Fluids are converted into Ice. See FREEZING, and Ice.

Metals contract, or are fhorten'd in Frost. Mons. Aucost

found by Experience, that an iron Tube twelve Foot long loft two Lines of its Length, upon being exposed to the Air, in a frosty Night. But this we suppose wholly the Effect of the Cold

Frest does not contract Fluids, as was formerly imagined: On the centrary, it fwells or dilates them by nearly -t of their Bell-

Scheffer afforces us, that in Sweden the Frost pierces into the Earth two Cubits, or Sweedish Ells; and turns what Moisture is found therein, into a whitish Substance, like Ice.

Molitare is found therein, into a whitifi Subfrance, like lee.

He adds, that flanding Waters freeze to a greater Depth;

even to three Ells, or more: But those that have a Carrent,

lefs; and rapid Waters, and bubbling Springs, never.

Mr. Boyle gives us feveral Experiments of Vesselm made of Metals, exceeding thick and strong; which being fill'd with Water, close flop'd, and expected to the Cold: The Water, in freezing, coming to be expanded; and not finding either

com, or Vent, burit the Veffels.

A firong Barrel of a Gun, with Water in it, close stop'd Room, or

and freeze, was rent the whole Length: And a finall Brish Veffel, five Inches deep, and two in Diameter, fill'd with Water, &c. hit up its Lid, which was prefa'd with a Weight of 56 Pounds.

District flates us, that in the Givy of Miftors he de-plication of the Committee of the Co

FERENDE Rain.
THE Name I have been a larger tennils very extraordinary.
The Name I have been a larger tennils very extraordinary as a with the most excellive Host 1 of which there are diver indiances in 6 warm a Climane as that of Processes.
Microsop. 16th. de Process. An 1170Microsop. 16th. de Process. Germany, Denmark, Italy, &c. But was force felt in Scot-land or Ireland. All the Orange Trees, and Olives in Italy, Provence, &c. And all the Walnut Trees throughout France,

Proceed, &c. And all the Walnut Trees throughout France, with an Infinity of other Trees, perifit do y Froft.

They had a kind of Gangrene grew on them, which Mond. Gatteren takes to have been the Effect of a corrolive Salt, corrupting and deftroying their Texture. He adds, there is fo much Refemblance between the Gangrene be-falling Plants thro Froft, and that which the Pararof Animals. are liable to, that they must have some analogous Cause. Corresive Humors burn the Parts of Animals; and the aerial Nitre condensed, has the same Effect on the Parts of

aerial Nitre condentiod, has the lame Effect on the Parse of the Top Plants. Penetrabile Frigus advants. Memiries de L'Acadeplants. Penetrabile Sciences, An. 1709.
In Germany the Errch-water Fills were every where killled; and a wait Destruchion befell the simaller Birth. The
Sylitch was no foomer out of a Main Month, than it was
froze. The Liffatine Letters add, that many Cows were
froze to death in their Stells, and many Tarvellers on the

frome to death in their Stalls; and many Trivillers on the Road were form quite frome to death, others bit their Hands, Esc., Nodin, on Ears. Subject, politific at 18th in Stormy, control and their Subject, politific at 18th in Stormy, cointied Confederation Phylica-Internative Hymnic presents preservingly, gives indirects from the Nova Papers, of two Genetimen and a limitative from the Nova Papers, of two Genetimen and a near Parity, and the like at Fenire, and 8s Preced Solidiers nor Namers, all Rull on the Road with Cold. On the Coalts of July many of the Mariners aboud the English Vivers and Text.

Mean of War died or the Cold, and feveral led user of liber-lingers and Tock.

In Profession and Tock.

In the Cold Profession and Indiana, and Indiana, and Indiana, and Indiana, and Indiana, and Indiana, India both the Leaf Buds, and Blofforn Buds, were quite killed and dried into a farinaccous Matter.

and circle moe a rainecous nature.

In Switzerland, Scheuchzer relates, that not only the
Walner Trees and Vines, but even the Beech, Laryx, Stwere undone. And yet in fome Parts of those Cantons, he
adds, there never was a milder Winter Scason known.

adds, there never was a milder Winter Sexfon known. Mr. Derbum relates it at a common Olfverstom, the Vegetable Sexfon Sexfon

Hoar Froft, Mr. Regis observes, confids of an Assem-blage of little Parcels of Ice, or Crystals, which are of va-rious Figures, according to the different Disposition of the

Fraktstarios.
Dosa, is in all appearance the Matter of Hear Fright. Tho'
many of the Carefulum will have it form'd of a Coud, and
the Carefulum will have it form'd of a Coud, and
the Coupled all offers as it arrives at the filter properly of
FROUTH, a white, light Colditance, form'd on the Surfixe of Fluids, by websomed Agistation. See Horston,
Frieth confile wholly of Hitte Spherulet, or Clobules; and
accordingly, may be effected an Affendinge of Agree-area and
Backless. See Horstan, Social See See.
FRUCTIVE MODEL Stards, according to Mr. Willergistr,
FRUCTIVE MODEL Stards, according to Mr. Willergistr, STALLIZATION.

FROCHN, or Faxon Zenz, for Zenz.

FRUGUINO (25 Thrd, according of M. Wilmylof, are those of the Farres kind, which the blop have a cooked from the cooked of the farres had, which the blop have a cooked from the farrest cooked from

In the Givil Law, we diffinguish three kinds of Pruits:
Natural Fruits, which the Earth produces spontaneously,
and without any Culture, as those of Trees.
Fruits of Indulty, which, the Natural, require some

Frisis of Indulty, which, the Nazura's require fome Calmer to petCld inch.

are only Frisis in the Eye of Law, as Rents, Salaries, Wagon, Gr.

Law, as Rents, Salaries, Wagon, Gr.

In the Canne Law, Fruits induled every thing whereof the Revenue of a Benefite confish; as Gobe, Tythen, Rents Favry, in Nat Hilfory, is the Production of a Tene, or Plant; for the Propagation, or Multiplication of its Kinds in which Seedi. Frim includes all kinds of Seeds, with their

Furniture, &c. Sec SEED. FRUIT, in Botany, is properly that Part of a Plant where-in the Seed is contain'd; called by the Latins Fruitus, and

in the Secon is containing, the Greek search.

The Fruit of a Plant is formetimes finale, as in the Poppy; and formetimes in great Number, as in the Apple Tree, by and formetimes for, and field of the Sec. Sometimes dry; and formetimes fort, and fieldly.

The Word allo implies an Affemblage of Seeds, in a Plant, as in a Ranuncula, Pea, &c. And in the general, all kinds of Grains, whether naked, or inclofed in a Cover, Capfula or Pod, whether bony, fleshy, skinny, membranous, or the

or Pod, whether bony, flelify, ikinny, membranous, or the fike. See Saxp, Garain.

The Fruit is the Froduct, or Refuit of the Flower; or that for whole Production, Nutrition, &c. the Flower is intended. See Flowing, and General Arts of Phones.

The Structure and Parts of different Fruits are fome-

In a concurre and Farrs of distorent Familia are formed differency bein all the Species, the offential Farts of the Familia appear to be only Cantinestions, or Expansions of Dr. Breaf laggest from every good Reafons for a direct Communication between the remotel Farrs of the Tree and the Familia for that the time Fibrer of Saurinia, which conditions the Rose, Trunk and Boughs are extended into the Tribut. So E. E. Lavar.

Meta Parks 100 Control Farrs of Trunk and Trunk 100 Control Farrs of Saurinia, which conditions the Rose, Trunk and Boughs are extended into the Tribut. So E. E. Lavar.

Meta Parks 100 Control Farrs of Saurinia, which conditions the Rose of Saurinia which are the Rose of Saurinia which are the Rose of Saurinia and Saur

very Fruit. See Pr.Asr.
Thus, cutting open an Apple transferfely, it will be found to confil of four Parts, viz. 1° A Skin, or Cortex, which is only a Production of the Skin, or outer Bark of the Tree. 2° A Parenelyma, or Pulp; which is an Expansion, and Intumefectne of the Ble or inner Bark of the Tree. 2° Pibret or Ramifications of the woody Part of the Tree.

2. Filter or Ramification of the woody but of the Tree, dispelled throughout the Parendyma. One officers principal Branches; To whereof penetras the Parendyma, and incline to the Baris of the Ebwers; the other for a dente to the Baris of the Ebwers; the other for a dente with the tomer as the Baris of the Ebwers; To which Brenches are filtered the Capifare or Count of the Kernels, the Capifare of Count of the Kernels, and the Baris of the Ebwers; the Wester of the Vegetarion thereof beth, the Frair beneating it interests ending the Capifare of the Capifare for the Vegetarion thereof beth, the Frair beneating it interests of the Pints of the Wester of the Vegetarion thereof beth, the Frair beneating it interests of the Pints of the Wester of the Vegetarion thereof the Capifare of the Pints; industried and functioned by Vegetarion thereof the Capifare of the Pints; industried and functioned by Vegetarion thereof the Vegetarion thereof the Capifare of the Pints; industried and functioned by Vegetarion the Capifare of the Pints; industried and functions the Capifare of the Pints of th

of the Parenchyma, and conveys it thus prepared to the

Kernel.

In a Pesr we difflinguish five Parts, cris. the Skin, Parenchyma, Ramification, Stone, and Accusium.

The three fiel Parts are common to the Apple. The
Stone, Oberred chiefly in Chook Pears, is a Congeries of
flony Corputcles, differed throughout the whole Parenchys

ml.

FRU

ms, but in the greatest Plenty, and closest together, about the Centre or Acetarium. It is form'd of the stony or cal-culous Parts of the nutritious Juice of the Parenchyms, extravalated in Maffes.

The Acetarium, is a Subfiance of a tart, acid Taffe, of a globular Figure, inclosed in an Affemblage of feveral of the flony Parts above mention'd.

the Hony Parts above mention'd.
In the Plumb, Cherry, See, there are four Parts, viz. A Coat,
Parenesbyma, Raunfication, and Sone, or Nucleus. The Stone
conflits of two very different Parts; the inner, call'd the
Kernel, is foft, tender, and light, being derived from the
Piet of Medulla of the Tree by feminal Branches, which
penetrate the Bale of the Stone 1 The external or harder Part, called the Stone, or Shell, is a Concretion of the flony, or calculous Parts of the nutritions Juice; like the Stone in Pears, and like that, contains a foft, parenchymous Matter

within it.—

The Mut, analogous to which is the Aceru, confits of a Shell, Certex, and Madulla. The Shell confits of a Coat and Parenthyma, derived from the Bark and Wood of the Tree. The Certex confits of an inner, and outer Part: The Call is Devilations of the Shell, the fifthis Duplicature of the inner Tunic of the Shell; the fecond is a mostly Substance, derived from the same Source as the Parenchyma of the Shell. But whether the Medulia or Pulp of the Kernel arife from the Pith of the Tree, or

or Palp of the Kernel arise from the Pith of the TRCe, or the corticel Part of the First, is not agreed. Lattity, Berrier, as Grapes, \$6°. befale three general Farts, see. Soat, Percelayans, and Ramification, contribe As to the Ufe of First, befale the Pleasure and Advan-ages they affect Mon. §6°. they are of ferrice in guesties, preferving, and freeding the Seed Incided; is fultrating the or the Plants and President in the Contribution of the or the Plants and President in the Contribution of the Plants and Pl preferring, and recomp the occur manners, and considering succounter, more carrily and fient parts of the nutritions juice of the Plant, and retaining it to themselves, feeding none to the Seed but the pureli, most claberated and fairments Plants for the Support and Growth of the tender delicate. So that the Praint does the fame Office to the Seed that the Leaves do to the Praint See Plants, Generation,

FLOWER, LEAVES, &c.

FRUIT, in Gardening, is the Production of Fruit-Trees; as the Apple, Pear, Plumb, Peach, Apricock, Cherry, Grape, Currant, Orange, Fig. Almond, &c. See Fautr-

Fruits are diffinguish'd into Stone Fruit, and Kernel Fruit; Summer Fruit, and Winter Fruit; Wall Fruit, and Dumrf Fruit, &c.

Mons. Quintiney observes, that cold, heavy, moist Lands produce the fairest and largest Fruit; but the hotter, dryer, and lighter, the mere delicious and rith tasked.

FRUITS, with regard to Commerce, are diffinguish'd into Recent, or Fresh; and Dry.

Recent Fruits are those fold just as they are gather'd from the Tree, without any further Preparation: As are most of the Productions of our Gardeos and Orchards, fold

by the Fruiterers.

Dry Fruits are those dried in the Sun, or by Fire, with other ingredients, fometimes added to them, to make them keep; imported chiefly from beyond Son, and fold by the s. Such are Raifins, Currants, Figs, Rice, Capers, Cloves, Nutmegs, Pepper, and other Spices: Which der their respective Articles, Rassin, Currant, See also Spicery.

Under the Denomination of Dry Fruits are also frequently included Apples, Pears, Almonds, Filberds, &c.
FRUIT Trees are diffinguified, like the Fruits they bear, into Wall Frust Trees, Standard Fruit Trees, &c. Sec

FRUIT, and TREE

FRUIT, and IREE.
With regard to Fruit Trees, Monf. Quintincy observes,
1º That the cutting and trimming of young Trees hinders
them from quick bearing 3 tho it contibutes both to the
Beauty of the Tree, and the Richness and Flavour of the

Beauty of the Tree, and the Richneis and Nivource of the Tran Tran Kennel Printi Trees come later to bear, than Some Printi Trees can be from exquired by the first before they arrive at a fix figo for bearing, belong, one with another, about four or five Years: But that when they do begin about four or five Years: But that when they do begin "Tran Some Print, Figu and Grapes commonly but confiderably in three or four Years; and beer full Crops the filt and first Years; and bold it for many Years, if well filt and first Years; and bold it for many Years, if well

order'd. 4° That Pruits in the same Neighbourhood will ripen a formight focaer in some Grounds, than others of a different

Temperature.

5° That in the fame Spot, hot or cold Summers fet con fiderably forward, or put backwards the fame Fruit.

6° That the Fruits of Wall Trees generally ripen before those on Standards; and those on Standards before those on

That the Fruits of Wall Trees planted in the South and East Ouarters commonly ripen about the same time;

only those in the South rather earlier than those in the Extit. Those in the West are later by eight or ten Days, and those in the North by 150 r 20. See Errosure.

For the Planting, Printing, Engrafting, Sc. of Fruit Treet, see Planting, Transflanting, Printing, Printing, Printing, Printing, Printing, Printing, Printing, Parking, Sc. See also Declarate, Garden, Sarina,

ny, Sc. Monf. de Resson, in the Memoires de l'Academie Reyals. Monf. de Resson, in the Memoires de l'Academie Reyals des Seuces, An. 1716. gives ne a Method of Grasting Song. Fruis Trees, without loing of Time; so that a Tree which bore lotry Fruis the preceding Year, shall bear the choicest bore lotry Fruis the preceding Year, shall bear the choicest

the Year following.

the Year rosowing.

It frequently happens, that Persons are deceived in their Fruit Trees; especially those bought of the Natiery Men; And it is a melancholy thing, after having waited three Years for Fruit, to find it naught at last; and to be obliged. Acars for result, to find it assigns at any and to be oblight to graft the Tree again, and wast four Tozer more, for the fecond Hopes. In effect, in the common Methods of graft-ing, they know nothing better than to cut off the Head of a Tree, and make it put forth new Wood, to graft in 'This acceptably makes a long Debay's which Mont Reform These necessarily makes a long Debay's which Mont Reform These

necetifally makes a song access, in how to shridge. Upon ceniddring the Union of the Sep in Grafis, that Author was fed to think, that all the Office the Bark has in grafting, is to receive the Scurchoon; to that if the Bark ho nor quite hard, dry, and inflexible, and inacpuble of actions without Cracking, or Bartling; it flouds from inbe not quite hard, dry, and interestie, and inexpande of yielding without Cracking, or Burling; it floud feem in-different, whether one grafted on new Wood, or old: The Sap patting equally into both. Which Restoning had the Fortune to be verify'd by a Number of Experiments made

with that View.

We are at liberty, then, to graft almost at any Age, and in any Wood. Accordingly, a Peach Tree of a worle Kind or Quality, may be grafted from another of the best, in Antumn, in the Height of its Fruit, and Sap, without cut-Assuma, in the Height of its Fruit, and Sap, without carting off any Binaches; the Crift isone cements to the Tree by the Union of the Saps, without affects at all is 6 text acting of the Company without flooting at all is 6 text acting of the Company of the Co want Fruit the first.

In order to this, it is to be observed, that there are three kinds of Branches: Wood Branches, growing immediately from the Stem or Stock of the Tree: Fruit Branches, and from the Stem or Stock of the Trees. From Branches, and Branches had JiFarib, John Lein as a miling from Branches had JiFarib, John Lein as a miling from the Branches had JiFarib, John Lein and JiFarib. Now, it shells intermediate blad of Branches, that we use to chalf for Southeaux or Gotthe. They are stell founded by Month and JiFaribes. Now, it shells intermediate blad of Branches, that we now to chalf for Southeaux or crem for Leavest to each Tree; and the thought of the Wood Branches. The Holl of the Wood Branches. It must be said edd, that the Tree to fish Branch see there; non, introduced and advancing trainer than the other two, which are its ended in Frint, and are pixel without fish the Leaves. Continue with a "Verleve fished Sections, more tell," Centring with a "Verleve of the Sections, more tell, Centring with a "Verleve of the Sections, more tell,"

As there sait are the precile Subject to be cholen for the Grafting withil. Twelve of their Seattcheons, more or lefs, according to the Strength of the Tree to be grafted on, being duly applied; we may depend on a Crop of good Frait, the very next Year, on the fame Tree which last Year produced the worst.

Stone-FRUIT-Treet, for STONE Fruit, and TREE. Wall-FRUIT-Trees, for WALL Fruit, and WALL.

FRUITERY, a Place for the laying up and keeping of The Fruitery should be inaccessible to any thing of Moi-

flure, or even Froft.
FRUITFULNESS, the Quality of bearing plenty of Fruit; call'd also Fertility, and Fecundity. See Freus-

FRUMENTACEOUS, a Term spiled to all firsts which have Confernity with Wheat, or Framewins is their hardy for their bring, Leave, Eng. or the Merica region of their bring, Leave, Eng. or the Merica region of the Merica Republic of their bring, Leave, and their FRUMENTARII, in Antiquity, a kind of Saddens, or Arches, under the Wellers Empire. So. Optimis relates, in one of the Leaves, that forme of The Edit since would be former bring the Conference of the Conference of the Conference of the Wellers Empire. The Conference of the Conference of the Wellers Empire. The Conference of the Wellers Empire. The Conference of the Wellers Empire.

Thefe Framentarii did not make any particular Corps, diffinct from the other Forces: But there were a certain Number of them in each Legion; as, among us, there are a certain Number of Grenadies in each Battalion. Accordingly, in antions Inscriptions, we meet with Framentarii of this or that Legion.

of this or that Legion. This typoot die, we conginally a Number of young Per-fons dilpoid by Angulum throughout the Provinces, particu-larly on all the grand Roads, to advertife the Emprore with all Expedition of every thing that happend. In order to this, they had a kind of Interdance of all the Carriages: And on this account came to be employd for the Convey-ance of Corn, Primentum, to the Armics: Whence their Appellation.
Afterwards they were incorporated into the Troops them-felves; where they ftill retain'd their antient Name.

febres, where they fill retained their autient. Name:
Their principal (Diles was the giving of intelligence, in
which was the giving of intelligence, in
their principal (Diles was the giving of intelligence, in
the control of their principal (Diles was the giving of intelligence, or
Retain, the control of their principal (Diles was the giving of their principal (Diles was the given the giving of their principal (Diles was the given the given

do; as being very feeding. But they made it of any kind of Corn

Ours being restrain'd to Wheat, we have given its Deno mination accordingly, from Framentum.—An Emultion wherein Wheat were an Ingredient, would be a kind of

FRUSTUM, in Mathematicks, a Piece cut off or fepsrated from a Body

rated from a Body.

Thus the Frigitum of a Payramid, or Come, is a Part, or Fisce thereofy, cut off, utually, by a Plane, parallel to the Part of the Come of the

Fruftum: The, below, we suppose B and b to represent Area's of the two Bases. Whole Height a + A = H. First, to find a, fay, as B - b : b : A :, or LA Now B

H== 1 times the whole Pv-

ramid, because any Prim is 3 times a Pyramid o the fame Bale, and Height with it, by 7 and 10 Eu-clid, and ba = 2 times the A upper Pyramid.

Wherefore BH - ba

equal to the Frustim of the Pyramid required; which Theorem in Words is this. Multiply the lower Balo by the whole Height; and from the Product fubrrat his name. Balo ne Product fubrract the upper Bale multiply'd by the Height of the Top-piece wanting; and the Remainder shall give the Frustum-

And the same way you may proceed for the Frustum of Cone; only it will be more difficult to find the Circular

FRUTEX, SHRUB, a Vegetable, of a Genus between a ree, and Herb; but of a woody Subflance. See Siraus. FRUTICOSE Stalks, of Plants, are those of a hard

oody Substance. See STALK FRYTH, or FRITH, is explain'd by Sir Edward Coke, as a Plain between two Woods; a Lawnd. Chancer uses it for

a Wood. Comden, for an Arm of the Sea, or a Streight, between two Lands: from Fretum.—Maketh his liftie into the Estua-

ry or Frith of Thame Smith, in his England's Improvement, makes it fignify

How to recancile these different Sentiments, we know not ; but we are fure the Saxon Word fignifics Peace; and that Fryth, in our Records, is often us'd for a Wood: Letter, and

tibi Ordipus efto. FUAGE, or FOCAGE, a Tax, or Imposition, laid on Hearths, or Chimnies; i.e. Fire-places, or Families, call'd also Hearth Silver, and Chimney Money. See HEARTH

allo Hearth Silver, and Normany are Silver, and Calmark Mouse.

Estimated III, the Black Prince, having Acquitain granted him, laid an imposition of Fagge, or Fagge upon the Subjects of that Dukedom, viz. One Shilling for every Fire. After his Example, Charles V. of France laid a like Tax of the Charles V. of France laid a like Tax of the Silver Silv a Franc for each Fire for one Year only. His Successor

Charles VI. augmented it under the fame Name: Charles VII. render'd it perpetual, and call'd it Taille.

By an Ordinance of Humbers II. Dauphin of France, the Imposition of Fottage, or Fettage, was then laid per Fett,

i.e. per Fire, or Family, fen per Lares focum babones.

In Latin it was call'd Focaginm, q. d. pre fingulis facis.

Sometimes it was also call'd Forunage, on account of the Oven, or Furnace: In Greek zamme, of vara, funnts,

In Will. Tyr. de Bello Sacro, it is call'd Feagium: For it was also impos'd by the Kings of Jerufalem. The Counts, and other Lords likewise impos'd it on their Feudataries, or Vaffals. Zoneras affures us, that the General Nicepborus first establish d ir among the Greeks.

FUCUS, in Natural Hiftory, a Sea-plant, call'd also Al-

pa. See Marine PLANT.
The Flowers of the Fueus grow on the whole Extent of its Leaves; in form of little Tufis, composed of a great Number of exceedingly fine Filaments, about the length of a Line. The Seed is inclosed in a vifeld Matter, at the Extremity of the Leaves. Sec Musiiroom, Coral, GE-

Fucus is also us'd for a Paint, or a Composition applied on the Face, to beautify it, and heighten the Complexion. CC COSMETIC.

Old Women make use of Fueus's and Pomatums, to ap-

one young. The Fueus made with Gerufs, is currofive, and pernicious to the Skin.

The Chymifts abuse the Ladies in selling them Oil of

Bricks, as an excellent Pients. Plury lays, that the Pients of the Reman Ladics was a kind of white Earth, or Chalk brought from Gio, and Samer, diffolo'd in Water.

The Pients Selmanni is a Composition of prepared Subli-A no events Sistindams is a Composition of prepared Subli-mate, in great Repute among the Spainter's of Perus. FUEL, or Finner, the Pabulum of Fire; for Finner, FUGA Jeaus, in the antient School Philolophy, a Prin-ciple, whereby various Effects were produced, artifug from

a supposed Aversion, in Nature, to a Vacuum. See VA-

The Fings Vacui was a very fertile, and extensive Prin-ciple; and folved abundance of Difficulties with a deal of Eate. Suppole, e.g., a Syringe; Immeric one Extreme of it in Water; and draw up the Embelus, or Suctors Then hear how the Antients will readon upon it. They first anen neat now the antients will reason upon it. They first laid it down for gramed, that there can be no Vacuum first arguing, that there must be a Vacuum, unleis the Water flouid follow the Embolus; they conclude, that the higher the Embolus is drawn, the higher shall the Water ascend; and the Embolus and the state of the conclusion of the con-

and this, Fug & Vacuit, to keep out a Vacuum.

In after times, the Matter was flated in other Terms; and the Water was faid to rife, Meta Vacui, for fear of the Vacuum; which must otherwise ensue. And at length, as if this were not enough, inflead of Figs., and Mesus, they fishfituted the Word Harrer; and affirm'd, that the Water role out of Natures Abborrence of a Vacuum. Which was monutage the work deeper's and narm'd, that the Water rofe out of Nature, Alborrance of a Vacuum. Which was just as good Senfe, as if a Perfon being afted, Why Ceals were brought to London! flouid miwer, That it was dene flyed, on meta, or berrore flying and flower, or Cold. Which is giving the Final Canfe, when the Efficient one was re-Most of the Phenomena, which the Antients ascribed to

the Puga Vacui, the Moderns have demonstrated to arise from the Gravity and Preffure of the Air. This is the Cafe from the Gravity and Preffure of the Air. This is the Cafe in the Afcent of Water in Syringes, Pumps, &c. See Air 3 alfo Pump, Syringe, &c.

FUGALIA, is Antiquity, a Feast, celebrated among to Romans. See Feast. the Romans.

Hoffman, after Feftns, takes the Finalia to be the fame with the Regifingium, a Feast held on the 24th of February, in Memory of the Expulsion of the Kings, and the abolithing of the Monarchical Government. But Stravius, Anng of the Monarchical Government. But Stravius, Au-ties, Roman. Syntag. c. 9. diffinguishes the Fugalia from the Regiftyge: And even doubts, whether the Regiftyinson were thus called on account of the Expulsion of the Kings; or, by readon the Rey Surgerym, after the Sarrific was ended, fled halfity out of the Forum, and Comitia. See Recev-

Be this as it will, the only antient Author of Note, that makes express mention of the Fregatia, is St. Angustin, De Civit. Dei, L. 11. c. 6. And his Commentator Vivis, shows a great Inclination to correct the Reading of the Word, were it not, that St. Augustin adds, that the Feath was a true Fagalia; all Decemey and Modelty being banish'd there-

trom. That learned Person conjectures, that the Pigalid were the fines thing with the Vopolityon, or the Facili of Fiscil, the Goddeed off yet occurs you be Pengle shateford themselves to Riot and Debuschery. And that the Feating are the Facility of the Pigalid over the Firedment on occusion of the Vickory guided over the Firedments, Pitenates, and neighbouring Notions, upon their Artempt or tooks Political of Remer, the Day of the Pigalid over the Day of the Pigalid over the Pitenates.

ter the People had withdrawn from it. As related by Varro L. V. de Ling. Lat.

But Varro relates, that the Poplifugia, which fell on the Month of June, were held in Memory of the Flight, or Re-treat of the People, in a Sedition rais'd among them: "Tis treat of the People, is a Sedition raised among them: YEs tree, he adds, that the Day followed from after the Re-treat of the Cantis, and the time when the nelghbouring Na-tions confired against them: But rish does not appear to have any relation to the Popilippia, being only meant to mark the Zinc, or Time when the Sedition and Fight of the Roman People happend.

After all, the the Popilippia might have been originally

establish'd in Commemoration of the Flight of the People; and not that of the Enemies; this does not hinder, but the

and not read of the Encincing into once and minor, and the Pragalla of St. Angullius may probably be the Popilipgia of Varror: according to the Conjecture of Vives. FUGITIVE, a Wanderer, or Renegado, a Person ob-ligid to fly his Country, or remove from a Piace where he had some Aboad, or Estabishment; on account of his Crimes, Debts, or other Occasions.

A Person who has broke open, or escaped out of Prison, is oblig'd to be a Fugitive. Cain became a Fugitive, after the Murther of his Brother.

Among the Learned, fugitive Pieces are those little Con

Among the Learned, figuitive Pieces are thole little Com-positions, on look Sheers, or half Sheets; a thus call'd, be-cause cally lott, and foon forget. In the Roman Law, a Figuitive Slave was such a one as wes age to run away from his Matter. In fellings Slave, the Ma-fer was obliged to declare, whether or no he were figuitive. The Term is also apply dro Deleters in an Army 3 or these who thy from the Combat.

ware sty from the Combat.

FUCTIVES Goods, Bona Projectorum, are the proper Goods of him that fits upon Folony, which after the Flight lawfully found, do belong to the King, or Lord of the Manor. See Walf.

FUGUE, in Music, is when the different Parts of a mu-fical Composition follow each other; each repeating what the first had perform'd. There are three kinds of Fugues: The Single Fugue;

There are 'three kinds of Figures: The Single Figure's Double Figure, and Generatripus.

The Single, or Single Fueue, is tome Poirc confising, The Single, or Single Fueue, is tome Poirc confising. The Single, and then Conded by a third, fourth, fifth, and fixth Part, If the Composition confisis of a many, recogning the fame, or fash like Notes; for that the foveral Parts follow, or come in, one after another in the finne Protect-Embelt, in when two or more different Points.

Fuove-Double, is when two or more different Points move together in a Fague, and are alternately interchanged by feveral Parts.

by everal parts.

For the Counter Fuce, fee Counter Figure.

For the Counter Fuce, fee Count, or Chambers, meaning a Series, or Range of Rooms, to Doors whereof answer in a Right Line behind each other; 60 as they may be all feen at once, from one Extreme to the other.

be all feen at ence, from one Extreme to the other. FULCRUM, Pace, in Mechanicks is to Lawra. FULCRUM, Pace, in Mechanicks is to Lawra. FULGIONOUS, an Epithet applied to a thick Smoak, or Vapour, replete with Soos, or other craft Matter. See Sano.ks, Soor, and Varoun.

The Word is form d from the Latin Philips, Soot, and is rasply aided but when juilt dwith Fupour. In the first limit of the Company of the Co fion of Metals there exhause a great deau of jungmous va-poor; which retaind and collected, makes what we call Litharge. See LITHAROZ. Lampblack is what is gather'd from the fullginous Va-pours of Pines, and other refinous Woods, when burnt. See

pours of Pine-y
Lamp Black.
Some Phylicians talk of fuliginous Vapours, emitted from
the Spiene to the Brain; which they will have the Caufe
of the Hypecondriae and Hylteric Diforders: Theore called
the Hypecondriae and Motors. Soc Hypeconnate, &c. FULL, is variously us'd, in opposition to empty, narrow,

confin'd, &c.

confird, def.

The Carefair bold, that the Universe is full, i.e. everThe Carefair bold, that the Universe is full, i.e. everWhen the Body is full of Humers, it flouid be purged.

See PLINITORS, and PLINITORS.

An Elmhetfidor has full Power given him to ad; transiAn Elmhetfidor has full Power given him to ad; transiAnt my was in Macho, with all the Forces it consided of,—
A Man is fald to bear the Arms of a Family, full, i.e.
without any Differences. See Directars area.

FULL Moon, Plenitunium, the Phasis of the Moon, when her whole Dift, or Face is Illumined; which is in the Time of her Opposition to the San. See Priasis, Moon, and

Eclipses of the Moon, happen at the time of full Moon, See ECLIPSE.

See Ec.1752.

FULLER, a Workman employ'd in the Manufastories, to fluil, mill, or four Cloths, Rateces, Serges, and other woolen Stuffs, by means of a Mill; to render them thicker, more compact, and durable. See Fulling.

The Fullers, among the Romans, wash'd, scourd, and fitted up Cloaths; and their Office was judged of that Im-portance, that there were formal Laws prescrib'd them for the manner of performing it.

Such was the Lex Metella de Fullonibus. See also Pling
L. VII. c. 56. Ultion lib. 12. ff. de Fursis, l. 13. §. 6. Leca-

L. r. S. 6. ff. Co.
The Word is form'd of the Latin Fullo, which Spiffes

the fame thing.

FULLERS Estab, a fatty, foffile Earth, abounding in Ni-

FULLERS EATH, a latty, infile Earth, abounding in Ni-tre of great Use in the woolen Mannafaure. It ferres to from Clerks, Stuffs, Efe, and imbibe all the Greafe, and Oll necessarily sufed in the preparing, dressing, Ee. of the Wool. See Wool, Cardino, Weaving,

CLOTH, &c.

CLOSES, SC.
Fallers Earth is only dug out of certain Pitts near Brickbill in Staffers@bree, no other Country affording, any,
It is a bifolistly necessary to the well dressing of Closts;
and hence, Foreigners, who can precure Wool to be clandeflinely exported out of the Kingdom, can never reach to
the Partiction of the Bogist Closts, &c. without Fullers.

For this reason, it is made a contraband Commodity; and the Export made equilly criminal, with that of exporting Wool. See CONTRABAND.

porting Wool. See CONTRABAND.

Abroad How make great use of Utrine, in lieu of Fullers

Earth. This Earth abounds much in the vegetative Sals,
which promotes the Growth of Plants; and is therefore
rockond by Sir II. Plan, and others, a great Improver of
Land. When difficity in Vinegar, it difference Fimples and

Pulhes; checks inflammations, and cures Barns.
Fullers Weed, Thiftle, or Teaste. See Tearle.
FULLERY, a Work-honle, or Place where Cloths, &c.

Mill. These Mills, excepting in what relates to the Mill Stones and Hopper, are much the fame with Corn Mills. And there are even some, which serve indifferently for either

Use; Corn being ground, and Cloths full'd by the Motion of the fame Wheel. of

Whence, in some Places, particularly France, the Fallers are call'd Millers; as grinding Corn, and milling Stuffs at the same time.

The principal Parts of the Fulling Mill, are, The Wheel, with its Truadle; which gives Motion to the Tree, or Spin. dle, whole Teeth communicate it to the Peflet, or Stampers, which are hereby raifed, and fallen alternately accordpers, which are nereoy raised, and taken alternatory according as its Techn eath on, or quit a kind of Latch in the Middle of each Petile. The Petiles and Troughs are of Wood; each Trough having at least two, fometimes three Petiles, at the Difference of the Malter, or according to the Force of the Stream of Water.

In thefe Troughs are laid the Cloths, Stuffs, &c. intended In these Troughs are laid the Cloths, Stulis, Sr. intended to he fulled: Then, betting the Carrent of Waser fall on the Wheel, the Peilles are facefilively let fall thereon, and by their Weight and Velocity flamp, and prefs the Stuffs very flrongly; which by this means become thickned and condenfed

In the Course of the Operation, they foractimes make use of Urine; foractimes Fullers Earth, and foractimes

Soap.

To prepare the Stuffs, to receive the first Impressions of the Pelike, they are usually laid in Urine; then in Fullers Earth, and Water 3 and laithly in Soap, distoval in her Water. Soap atome would do very well; but this is expensive, though Fallers Earth, in the way of our dreftine, is fource though Fullers Earth, in the way of our drefling, is fearce inferior thereto; but then it must be well cleared of all Stones and Grittineffes, which are apt to make Holes in the Stuff

As to Urine, 'tis certainly prejudicial, and ought to be entirely distarded; not so much on account of its ill Smell, as of its Sharpocis, and Saltness; which is apt to render the Stuffs dry and harsh.

the Stuffs dry and harth.

The true Method of Fulling with Soap, is delivered by Monf. Colmer, in an authentic Memoir on that Subject, fupported by Experiments made by order of the Marquis de Lawwist, then Super-Introduct of the Arts and Manufalchors of France. The Subflance of which we shall here subjein.

Method of Fulling Cloths and Woolen Stuffs, with Soap.

A colour'd Cloth, of about 45 Ella, is to be laid, in the usual manner, in the Trough of a Fulling Mill; without first foaking it in Water, as is commonly practiced in many

Fixed.

To fall this Trough of Cloth, 15 Pounds of Soap are re-quir'd; one half of which is no be quicked in two Pails of Klewer of Syring Warer, made as he as the Hand can well developed the properties as the Hand can will be com-bined to the properties as the Hand Can which we have the two the two the two the two the two the cloth, in properties as the Hand Tarray, after which is is to be taken out, and frierfull.

This does, the Coch is immediately resum'd ison the This does, the Coch is immediately resum'd ison the This does, the coch is immediately resum'd ison the Hoan more. Then taking time the prints will be covered at the Great and Fishly. How works we were all the works and Fishly, they

prefs all the Greafe and Filth.

prefs ail the Greefs and Filth,
After this fecund Edding, the Remainder of the Soap is
After this fecund Edding, the Remainder of the Soap is
the Cledit, remembring to title our the Cledit remembring to
the cledit, remembring to title our the Cledit energy too
the cledit remembring to title our the Cledit energy too
the same state of the Trooph. When they preceive it fading
that so the the through the three the same state of the three cledits
and the cledit energy the clean, the three cledits and
the three three cledits and the three cledits and
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in less time, than colour'd ones, a third Pare of the Soap

may be fpared. FULLING of Stockings, Caps, &c. should be performed fonewhat differently; viz. citter with the Fect, or the Hands; on a kind of Rack, or wooden Machine, either arm'd with Teeth of the fame Matter, or elfe Horfes, or

Bullocks Teeth. The Ingredients made use of herein, are Urine, green ap, white Soap, and Fullers Earth. But the Urine also reckon'd prejudicial here.

Note, woven Stockings, &c. fhould be full'd with Soap alone: For those that are knit, Earth may be us'd with the

Indeed, 'tis frequent to full thefe kinds of Works with the Mill, after the usual manner of Clorbs, Sc. But that is too coarse and violent a Manner, and apt to damage the Work,

unless it be very thong. See STOCKINGS.

FULMINANT, FURMINANS, or FULMINATING, an Epithet applied to fomething that thunders, or makes a Noise like that of 'Thunder. See THUNDER.

Notic like that of Thander. See THENDER.

Softier Fulminans: Aurum Filminans: Pulvis Fulmiseans. Pericles was call'd the fulminating Orate.

Amum FELMIMANS, is a Preparation of Gold, thus
called, because when laid on the Fire, it produces a huge
Notic. It conflist of Gold difford in Agus Regia, and Volarile Spirit of Sal Ammoniac. See Gorp.

Palvis Furminans, is a Composition of three Parts of Nitre, two Parts of Salt of Tartar, and one of Salphur. See

GUN-POWDER

Contr

Gun. rowner.

Both the Aurum and Pulvis Fulminans produce their

Effect principally downwards: In which they differ from

Gunpowder, which ack in ordern 12 but principally apwards.

If they be laid in Brass Ladles, and so fer a fire; after Ful-

If they bo laid in Beast Ladies, and to let a fire; a ster Faimination, the Ladieles will be found perforated.—FULMINATING Legion, was a Legion in the Roman Army, confifting of Chritical solidiers; who, in the Expedition of the Emperor Marcus Marchin against the Sarmate, Quadi and Marconnaud, faved the whole Army, then te, Quasi and Marcomana, taves the whole Army, then ready to perifin of Thirff; by procuring, with their Prayers, a very plentiful Shower thereon: And, at the fame time, a furious Hail, mix'd with Lightning and Thonderholts on

the Enemy. See Legion.
This is the Account commonly given by Ecclefiaffical Hillorians: And the whole Hillory is engraven in Bafs-Re-livo's, on the Anthonine Column. And hence arole the Denomination Filminson:: The form by, that the Legion thole Chriftians were of, was called the Fulminating Legion

FILLMINATION, in the Romille Canon Law, a Sen FULBILISATION, in the knowledge of the trend of a Bilhop, Official, or other Ecclefishte appointed by the Pope; whereby it is decreed, that fome Ball fent from the Pope, shall be executed. See Bull.

Fulbilisation is the fame thing with the Verification, or

Recognition of a Letter, or Instrument of a Prince in a Lay

FULMINATION is also us'd for the Denunciation, or Exc cution of a Sentence of Anathema, made in publick, with dne Solemnity.

In fulminating Anathema's, the Bifhop who pronounces Sentence, is to be cleathed in his Epifcopalia. See Ana-THEMA, EXCOMMUNICATION, &cc. FULMINATION, or FULGURATION, in Chymifty, a ve-hemen Noife, or Shock made by divers Preparations; as Aurum fulminaus, &c., when fet on Fire. See Datomation.

FUMIGATION, in Modicine, and Chymistry, is underflood of Things taken in Fame, or Smoak; or that are turn'd into Smoak: And particularly for the Corrofton of a Metal, by the Fumes, or Steam of Lead, Mercury, Vinegar, or other acrimonious Matter.

or other acrimoulous Matter.

'Tis dangerous taking Mercary by Eumigation. This Fumigation is a kind of potential Cakination; the Vapour of
Mercary laid on the Fire, corroling and reducing into a
Cala, the little Laminea of Metals informed over it. See

MERCURY. Cerufs is made by the Fumigation, or Vapour of Vinegar, grawing and corroding Plates of Lead. See Chauss.

negat, grawing and corroding Plates of Lead. See Canuss. Mexasder Severus made a very fever Decree againt Physicians who fold Smoak, that is, Funigations. The De-cree imported, Fumo pereat qui Famum evaldits. An ob-thern Physician has a express Treasite to julify the Physicians in this respect. FOMICATION is also used for the Act of making a suf-pended Body receive the Fames, or Steam of one or more other Bodies; in order to calcine them, to correct them, or

impart to them fome new Quality.

FUNAMBULUS, among the Romans, was what we call a Rope-dancer, and the Greeks, Scenebates. See Rope-

The Term is also us'd for such as letting themselves down

by a Rope, or Cord; make their Eleapo out of a City, or Place belieged: as observed by Du Cange.

Julius Capitolium, and Horace, make mention of Fu-nombuli. Aeron, on Horace, adures us, that it was the O-rator McGala, who first introduc'd the Word Funambulus, in lieu of Schenobates, us'd by the Greeks. For the Greeks feem to have had of these Rope Dancers from the first lofitution of their Scenic Games, which are faid to have been invented about the time of Hebarus, Son of Errigon i or of Dionylius, fornamed Liber Pater, whom Thefens first introduced into Athens.

narroaced into membral first appear'd under the Can-failate of Sulphins Testons, and Lieinius Stole, who were the first Introducers of the Secial Representations. It is added, that they were first exhibited in the Island of the Tiber: And that the Cenfere McGala and Gaffius afterwards promoted them to the Theorem.

promoted them to the Theatre, In the Floratia, or Ludi Florates, held under Gelba; there were funambulatory Elephants, as we are informed by Stateoniat. Ners flowed the like, in honour of his Mo-ther Agrippina. Vopifeus relates the fame of the Time of

Carinus and Numerranus.

There was a Finanthulus, it feems, of that Mankind, who performed at the time when the Heeyra of Termes was acted, and the Poet complains, that the Speckated prevented the People from attending to his Comedy. Ha feeting the Manking t pulse fluido fluidas in funambulo avinum occuparat.

FUNCTION, the Act of doing fomething, for which the Agent was deflined, or which he was obliged to. See ACTION.

Thus we fay, the Stomach performs its Function; i. c. di-geffs, well. The Fames of Wine diffurb the Brain in the erformance of its Functions.

Physicians divide the Fanctions of the human Body into Physicians device the Footcomes of the Life; and with-irial, Natural, and Animal.

Vital Functions are these necessary to Life; and with-set which it cannot substite as the Actions of the Heart,

Brain, Langs, &c. Sec Lips.

Natural are those which change the Food, &c. so as to affimiliate it to our own Nature: Such are the Actions of the

Vifeera, and the Veffels which receive, retain, fecera, Co. the Humors. See NATURAL. Asimal, are those without which we cannot perceive, will, remember, &c. Such are Feeling, Seeing, Imagining,

will, remember, 6fc. Such am Erellen, Series, Iningining, Judging, Pallines, volumery, Minis, or, Entervolve is allo and fingantively in fysicking of the Oi-frees, Datte, or cooparition is Perfoit in engaged in. He sequited himskift of all the Partiests of the Majfrensy with A plattice. The Actition of in Inhardiflow mile respectively that the Charlest of the Majfrensy with a Plattice. The Actition of in Inhardiflow mile work of the Charlest of the Charlest

FUND of the Eye, is that Part poffels'd by the Chorocist and Retina. Sec Eye, Retina, Sec.

The Images of Objects are represented in an inverted Sides and Retina.

Funnis Useri, or Fund of the Eye. See Vision.

Funnus Useri, or Fund of the Wond, is the Body, or principal Part thereof; in contradiffication to the Cervis, or Neck; the Ofculum, or Mouth; and the Vagina. See U-

FUNDUS Vestee, or of the Bladder, is the Cavity there-of, wherein the Urine is contained. In Men it is placed over the Rectum; and in Women over the Matrix. See Bran-

FUNDS CRIE, is the Point opposite to the Point of Cul-mination; or the Point of the Keliptick, wherein it is inter-fected by the Meridian, beneath the Horizon.— FUND, in Commerce, is used for the Capital, or Stock of Meridian Commerce, or Commercial or the Supression of Mo-

FIND, in Commerce, is used for the Capital, or Stock of a Merchant, Company, or Corporation of the Sum of Money they put into Trade. See Stock, CAPITAL, &C. In this Senie we say abloidately, the Funds, the Ornblick Funds; meaning the Stock of the great Companies, or Corporations, as the Bank, South Sea, East India, &C. See BANK, Court Any, &C.

BANK, COMPANY, Sc. FUNDAMENT, the Anns, or Aperture, thre' which a Man voids his Excrements. See Anns. FUNDAMENTAL, fomething that ferves as a Bafe, Reft, Support, or Foundation for any thing. See Foundaments.

The Apoliles Creed contains the fundamental Points of eligion. The Salie Law is the fundamental Law of the Religion. The Polity of France.

FUNDAMENTAL, in Music, the principal Note of a Song, or Composition, to which all the rest are in some measure adapted, and by which they are sway'd; call'd also the Key of the Song. See KEY.

of the Song. See Kav.

FUNERAL, the Ceremonies perform'd at an Interment;
or the hit Offices paid the Deceated. See Obsequent.

The Word is form'd of the Latin Fenury; and that of
Fundia, by reason of the Torches (which were Funes, cera
excemnated) und in the Funeral; of the Romani. The' others
derive Funus from the Greek spice. Death, or Slaughter. The Funeral Rites among the antient Romans were very

The Deceas'd was kept feven Days; and every Day wash'd

with hot Water, and formetimes anointed with Oil, that in eafe he were only in a Slumber, he might thus be waked; and every now and then his Friends meeting, made a horri-ble Outery, or Shout, with the fame View: Which last Action they call'd Conclamatio.

tion they call'd Constimation, was on the foreint Day; when, The third Constimation was on the foreint Day; when, The third Constitution of the Constitution of the distribution of embalmed by the PollintCores, pile'd in a Bed near the Down with his Face and Heckel outward, boward the Greece; and the Courled of the Gart, if the Diceased were of Condition that the Constitution of the Constitution of Conditions In the course of these foreing and Allars was risk of the his Bed fide, call'd Agerra; on which his Friends every day offered Incarles; and the Lilitiums' provided Things for the

Finered.

On the forestib Day & Grie was fan about the City to brief the Lought to the Assemination of the Finered in John March 1997. The Prince of the Company of the Com

laudabat Defunctum pro reftris, made a Funeral Ora in his Praife, and that of his Anceitors. This done, the Body was carried to the Pyra, or funeral

Pile, and there burnt: His Friends first cutting off a Finger, to be buried with a fecond Solemnity. See Pyr.A. and

Roous. The Body confumed, the Afnes were gather'd; and the Prefit firshkling the Company thrice with clean Water, the cledel for the Prefix expiral aloud, Ilicet, diffinition and the Prefix of the P Vale, Vale, Vale : Not to ordine quo natura permiferit, fequentur.
The Africs, inclosed in an Urn, were laid in the Sepulcher,

or Tomb. See Unn, Servicines, and Tosse.
The first Romans did not burn their Dead, but interr'd

them, as we do. See BURNING.

by feveral other Nation

Herodosus relates, that the Perfians detelled it; as hold-

From of the Gall Bladder, the Stemach, See. See Gass.

Ing Wes to be a Gad. The Egiptiest decised to been Favoure Planter, is that Part of a Plant, where the Stall: indigenees, and join the Root.

From the Planter, is that Part of a Plant, where the Stall: indigenees, and join the Root.

In the Planter, and planter, and planter, and planter, and planter, and planter, and planter the Planter of the Author Stander, and planter, and planter, and planter, and planter the Planter of the Author Stander, and planter, and planter, and planter the Planter of the Author Stander, and planter the Planter of the Author Stander, and planter the Planter of the Author Stander, and planter the Planter of the Planter

meral. The Cuftom of making funeral Orations is very antient. The Romans had it of a long flanding; and it was always one of the nearest Relations that made it. Angufus did the Office to his Grandmother Fulia, when only twelve Years of Age. Suter. Mag. s. 8. And we have divers parallel The Cuftom feems to have begun with the Republic4 at

leaft, the first funeral Oration we read of, was that of Bry-tus, who expell'd the Kings, and was the first Conful; who having been kill'd in a Battle against the Herrurians, was laudaus pro restrict, prais'd in the Forum by Valerius Publicola his Collegue.

Indeed, fome Authors will have the Practice more tient. They maintain it to have been in use among the Greeks; and that Soion, who, according to Aulus Gellius, CYPERALY and that Defen, who, according to Authi Gelling, gave Laws to the Albeitans in the Time when the elder Tarquin reign'd at Rome, was the first Author thereofs comething like which, in feems, the Orator Amaximents has led in Writing. See Polydore Virgit de Invent. Rer. L. III. c. 10.

name.

But at length it appear'd barbarous, thus to butcher Men; and therefore to fave the Horror of the Spechacle, yet without the Dead's losing any thing thereby; they made the poor Captives fight and kill one another, only faving fome few of such as came off Victors. This Cuitom was borrowed of the Greeks by the Ro-

ass; among whom the cruel Diversion was call'd Munus. The first who introduc'd it at Rome, was Junius Brutus, a ne nnt weo introduced it at Roma, was Junius Brutus; at the Obsequies of his Father; or, according to others, Ap. Causius, and M. Puluius, during their Confulate.

The like horrible Combate were also occasionally exhibited by the Magistrates; and fometimes added to rho Theatrical Pieces.

The Emperor Claudius decreed, that whereas these acurfed Games were till then arbitrary; it fhould be the curled Games were till then arbitrary; it infolia to the Practice for the future, to perform them regularly every Year, at the Expences of the State; and that the Ædiles Rhould have the Care and Direction thereof. But be con-ceived a Horror for them himfelf; and foon after aboliffs'd them: The' it was till allowed particular Perforas to have them, provided they were worth forty thousand Sefterces per Annum.

They were not finally abolish'd before Theoderic King of the Geths, at the End of the fifth Century. FUNRAL Column, a Column crown'd with an Urn, where-in the Afhes of some deceas'd Person are supposed to be in-

in the After of fome deceased Perfon are fuppoid to be in-cled's, the Full, or Shaft being for with Texts, or Filmers, the Symbols of Griefs, and Immertality. See Chrossos. Percen, in Medicine, a fieldy, Tomor, or Exercitions, very foragoous, foft, and pales, arting on the Membrance, Tendens, and other nervous Texts, in conference of Ulcers, Wounds, Centulines, and Servine.

Wounds, Centulines, and Servine.

the Meningues, or Mem-phrance of the Bertai, in Wounds of the Head when norwell

Forgus 3 are frequently some on the steahiges, or stam-branes of the Brain, in Wounds of the Head when not well cover d, or defended from the external Air: They are also frequent about the Joints; which last grow very mensibly. But where the Skin is open, finding more room, they grow But where the Skin is open, finding more room, they grow to a prodigious degree in a very little time, affuming the Form of a Mushroom or Fungus.

There are also Fungus's of the Anns, and Uterus. They are all supposed to proceed from a Retention and Depravation of

the nutritious Tuice.

The Fungus is a general kind of Excretence, whereof there are divers particular Species; as the Fieus, Sareoma, Condyloma, &c. See Ficus, &c. there are divers particular opecies; as an example, the Condyloma, &c. See Frees, &c. See Frees, &c. FUNGOUS Field, is a fpongeous, exercícent, or (as we popularly call it) proud Field, frequently growing on the Lips of Wounds, Cleens, &c. See Funous.

The Surveyed is fometimes the Refait of fungeon Field.

Sec SARCOCELE,

In Ukers, Wifeman observes, there frequently arises a fpengious, or fungous Flesh, either from the too great Af-flux of Humors; or thre' the Surgeon's Unskilfulness.

flux of Humors; or three the Surgeon's Unskillandes. It must be Enpress'd, or taken off by drying Medicines, or even Causicks: As Lapit Tutte, burnt Alam, Precipitate of Mercury, Roman Vittiol, Est. See ULCER.

There is also a malignant kind of Finggar rooted in the

There is also a manghane and a magain Rettlimi. See Racrum.

FUNNEL of a Chimney, the Shaft, or fmallest Part of the Chimney, from the Wast apwards. See Cuinney.

Palladio orders, that the Finnel be carried three, four or five Foot at least above the Roof, that it may carry the chimnes from the Hondiens that Mr. Smoak clear from the House into the Air.

Car roo is to be taken, as to the Width; for that if they be too wide, the Wind will drive back the Smoak into the Room; and if too narrow, the Smoak will not be able to make its way.

to make its way.

Chamber Chimneys therefore are not to be made narrower
than ten or cleven Inches; nor broader than fifteen.

FURBISHER, a Perfon who firsbipes or polithes Arms,
and gives them a Brighmer's and Lufter. See FURBISHER,
in the general Senie of the Word, it includes what we now call Armorers and Sword Custers: In a more referain'd

Senfe, it is appropriated to those who clean, and scour up old Swords, Guns, Halberds, and put them in order. Among the Officers of the Tower is a Farbisher of finall Among the Officers of the Tower is a Imposper of spatial Amothe of Security, and another of Security. And the like is at most of the Palaces and Armories of England 2 as St. Jame's, Windfor, Cheffer, Plymouth, Hall, and Berweick.
FURBISHING, the Act of cleaning, fouring, and polishing Arms; as Gana, Pittols, Swards, &c. See Furbilling Arms; as Gana, Pittols, Swards, &c. See Furbilling Arms; as Gana, Pittols, Swards, &c.

BISTER ; See also Swonn, Gun, Sec.

Farbilbing is principally perform'd with Emery. See E-MERY.

The Word is form'd of the French Fourbiffure, which Hicks derives from Furben, which in the Language of the antient Franks fignify'd to clean and polish.

M. Hues chases rather to derive the French Fourbir and

M. Hier chains either to derive the Freeds Poisson and Parkelforrs, from the Engilli Partille, and First-Spires, Parkelfor from the Linkin forces, and forces, but for his Furkfild from the Linkin forces, and forces, but for his part he nather derives it from the German Fark, Colour, and forkers, to gave a colour. FURCA, Foas, in Andiquity, a kind of Punithment, or rather Instrument of Funishment, among the Remain. The Erron of the Remain Fares in very obdiancy discribed

by the Antients, and much controverted by the Moderns.
All we know for certain, is that it was of Wood, and refembled a Fork; whence it is called in Writers 2000 Are-

Embled a Perk y whence it is called in Writers from Fam., Assir, Ashiron, that is, ligamus adjusts, internation, as a deable fork'd or horsed Timber. Similarity as a deable fork'd or horsed Timber. Similarity and the Fam. As the Waggen was uppeled He adds, that it is the time with what the Greek call He adds, that it is the time with what the Greek call He pelpate and Sirginan 1 and the Serigma is defined by Heightings as the forked Piece of Timber put under the Vales of the Waggen, singuished the Piece has Vales of the Waggen, singuished the Piece has the Company of the Piece of Timber put under the Vales of the Waggen, singuished the Piece of the Waggen, singuished the Waggen, singuished the Piece of the Waggen, singuished the Waggen, sin

Yoke of the Waggan. From the two, Godwin takes the Firsts to have been the Beam of a Waggan, to which the Yokes were failten'd. The Panifishment of the Firsts was of three Kinds: The first, only tensoristist, was when a Malter forc'd his Servant for final Olfhences to carry a Force, or Fork on his Shoulders, about the Citys confeiling his Fault, and warning others to beware of the like; whence fach Servant same to

subers to beware of the like, whence lack Servant came to be denominated harvier.

District Control of the Party Parking the First on his Neck, was lead about the Circas, or other First on his Neck, was lead about the Circas, or other The chird was **Galital's harder harving his Hood The chird was **Galital's harving his Hood In Affer-diment of the Empire, which to death. In Affer-diment of the Empire, when Cancifying became intendifiedd, the Form of the **Direct was changed, and made like our Gibbon. Ger Callows. See Cases, Causerrine,

GIBET, &c. Funca, in our antient Customs, was the fame with Cafurcia, or Fofa, i.e. Gallows, and Pit; viz. a Right or priddiction of punishing Felons; that is, Men with hanging; fomen with drowning. See Gallows.

Women with drowning. See Gallows.

FURCHE, in Heraldry, a Cross in the
Form here represented. See Gaoss. FURCULA, in Anatomy; fce Jucu-

FURTUR, literally fignifies Hufk, or Chaff; and therefore is ufed for the Scales, Searf, or Landriff, which grows upon the Skin, with some Likeness thereto. See Correct. Hence FURFURATION, the falling off of Furfures in Comb-

FURFURATION, the name on of Furnace ing, 15...
FURFS, EUMENIDES, DIRR. in the Heather Theology, and Poetry, were infernal Deities, inspoide to enter, and posites Mon; to torment, and punish them. See God.

The Furies were reputed the Ministers of Pinto; and the Avengers of Crimes. Strabo paints them cloathed in long Robes falling to their Heels, but girt about the Breath. They were three in Number: Tylipbone, Megera, and A-

Testin, Spanheim, &c. will have it to be them, which we fee on a Medal of the Emperor Philip, firuck at Antrock, on whole Reverle are repreferred three Women dresk as above-mentioned, and arm'd with a Key, burning Torches, Ponjards, and Serper

Strucius, Antiq. Rom. Synt. C. I. p. 182. adds, that the three Furies may probably be no other than the triple Hecate, whom the Antions believ'd to purine and torment the

care, whom the Antiones believe to partice and uniform new Wicked in Hell, on Earth, and in Heavers. Some of the Poets add a fourth Farry, call'd Lyffs; & Greek Word, fignifying Madnefs, Rage. They repretent them with Eyes inflamd; their Heads resifted the Snakes, with Whips and burning Torches in their Hands to

punish the Guilty. panns the Guity.

The Daffodil was facred to the Furies; and fuch as offord Sacrifices to them, were crown'd therewith. This we
learn from Euflathini, on the first Book of the Ilada, p. 87.

The Furies were also call P Panes, Tulsian, by reason of
the Punishments they infished on Criminals: As their Do-

the Putiliments they inflicted on Criminals; he ture De-nomination Envise stock from the Rage and Madnels, which they threw into the Conficience, Voj. de Javiel. L. VIII. 6. 18. — The Greeks call'd them Emmenders, the Origin of which Name is much controverted among the Learned: The Ety-

mology that feems best authorized, derives it from & gentle, mild, which was applied to them on occasion of O-reffer's being abolived of the Murcher committed by him of the Perfon or his Mother. Minerou, it feems, appead and pacified the Funes; to that they coard to purise him. Upon which the Athenium ever after denominated them

But it must be added, that the Athenians called them by the fame Name, long before Orefles's time; as appears from the Ordinus of Sobbeeles. There was a Temple in Athens,

The Mifen hath but one Farling Line, but all the rest have one at each End

two, one at each End.

FURLONG, an English long Measure, containing the cighth Part of a Mile. See Mile, and Measure.

The English Enring is equal to forty Folce, or Perches; and the Perch to 16; Seet. See Textus, Fort, See.

Hercules is faid to have run a Stadium or Furlows at one

breath. See STADIUM. FURLONG is also us'd for the eighth Part of an Acre, now

called a Rood. See Roop. called a Kood. See ROOD.

Tho', in a old Law Book, printed in Henry the VIII's time, we read, that fix handred Foot, of five Score to the Hundred, make a Furlong. See Acan.

In the former Signification the Romans call it Stadium;

in the latter, Fugerum.

Fuzzong is also us'd for a piece of Land, of more, or lefs Acres

Ommibus Christi Fidel. Johannes Blunt de Pgo, Arms.
-Dedit Thoma Croft & Francisco Lovel, Arm. unum Fur-

—Dedu Thome Croft & Francijo Lovel, Arm. numa Pur-longum terze arabilis continem. per alimationem quatwor Arras, &c. Des. 20 Jan. 3 Elio. FURLOUGH, a Licence granted by an Officer to a Soldier, to be abient for a while. FURNACE, an Utensil, or Vessel, proper to centain Fire3 or to raise and maintain a volument Fire in 5 whether

of Coal, or Wood. See FIRE. There are divers kinds of Farnaces, of various Forms,

and for various Ufes. The Domestick Furnace, us'd in making Confections, Sec. is ufually of Iron, or Earth Those us'd by the Goldsmiths, Refiners, &c. are much

larger, and of a different Structur Those wherein Lime, Bricks, &c. are burnt, are called

Thole wherein lattic, lattick, byf. are Dunny are season.

Killis. See Little, Bratics, Kee.

Furnance, is particularly said for a kind of Oven, wherein the Ores of Mexis, sitter beating, walking, 25c. are melted down, by a huge Coal or Wood Pire. See Fusions.

The Stredter and Application of their Furnances is fomewhat different in the different Metals. See Gold, Silver,

TIN, &cc. FURNACE is more firstly applied to those us'd in the melting of Iron; which Authors frequently confound with Lon Forger; the' there is a confiderable Difference between

ceiver undernearh; where, the Scum and Drofs being taken away, the Metal is thrown into Furrows made in a Bed of Sand, and thus cast into Sows or Pigs of Iron. See Inon-coork.

The Forge is a Piace, where the Pigs are heated and fused a second, and even third time, to prepare and fit them

further for ufe. See FORGE.

Glass-bonse Funnace, is the Place wherein the Materials

of Glafs are fuled, and vitrified. See Grass.

There are three kinds of Furnaces us'd in the Glafs

works.

The first called the Calcar, serves to prepare or calcine
the Prir in. It is made in fashion of an Oven, ten Foot
long, seven broad, and two deep. The Feel, which is Sea
Cool, is put in a Trench, on one Side of the Prirates and
the Flame reverberates from the Roof back upon the Frit. The Coals burn in an iron Grate, and the Afhes fall hence

The Coals burn in a ricon Geste, and the Affice fall bene-tion a Hole understand. See Farryer, ferring to most the Metal In, or make the Glids. Its Figure is round, thee Yards in Dismoster, and two high, being aviral over. Account the Infide are eight, or more fees placed, and plain Port Agreement of the Company of the Company of the Company of the Ports of the Company of the Company of the Company in the Ports of the Company of the Company of the Company in the Ports of the Company of the Company in the case of Metal, to refine it, while he works out the Greener of Metal, to refine it, while he works out the Greener of the Company of the Com

The Furnace has two Partitions, the lower, deperating the Pots from the Fire Piace, has a circular Hole in the Centre, cover'd with a Grate, through which the Flame paffes from the Fire Piace into the Furnace; from the arched Sides and Roof whereof it is reverberated into the Melting-pots.

The fecond Partition divides this from the Leer, or An-sealing Formace. Thro' the Boccas, or Working holes the Metal is taken out of the Pots, and the Pots put in the For-siace. These Boccas are stop'd with moveable Covers, made of Lute and Brick, to forcen the Workmens Eyes from the Fire. On each Side the Bocca is a Boccarella, out of which, colour'd Glafs, or the finer Metal is taken from the Pilingpot. To the Furnace likewife belong Ovens or Holes near the Leer, for the calcining of Tartar, Iron, &c.

the Leer, for the caterning of Tarrar, Iron, 85c.

The Leer, which ferves to anneal and cool the Veffels; and which Agricols makes a particular Farmace, confilts of a Tower, and the Leer. The Tower lyes directly over the Melting Farmace, with a Partition betwite the Aperture; having an Aperture, call'd Occisio, or Lumella, thro' which the Flame or Heat aftends out of the Furnace into the Tower: On the Floor or Bottom of this Tower, the Veffels fashion'd by the Masters, are set to anneal. It has also two
Boccas or Mouths, by which the Glasses are put in with a Fork, and fet on the Floor.

Fork, and set on the Woor.

The Lers is an Avenue, five or fix Yards long, continued to the Tower: Thro' this the Glaffes, when amend'd, are dawn in into Pans, called Practor; by which they come to cool by degrees, being quite cold, by that time they reach the Month of the Leer, which enters the Sarofel, or Room where the Glaffes are to be let.

where the Gialfes are to be let. The third, is the Green Glafs Furnace, which is a kind of Compound of all the former. It is made fiquare (the two former being fercular) having an Arch, at each Angle there-of, for annualing and crolling the Giaffes. The Metal is wrought on two opposite Sides, and on the other two, they have their Calcians, into which are made Linuar Holes to wrought on two opposite outer; and on the outer two, where their Calcars, into which are made Limite Holes for the Fire to come from the Formace to take the Firit as affe to differage the Smooth. Fires are made in the Arches to anneal the Veffels; to that the whole Process is done in

one Farnace. The Stones wherewith the Infides of thefe Furnaci

built, are not Brick (which would foon melt down into Glass, as also all the foster Stones); but hard, and fandy, by Imas all all the folice Stones) but hard, and findly, by far-grant call if Typerdomine— If Foundation and the folice of the folic

See FOUNDRY.

The Statuaries, or Figure-makers, use two kinds of Firmaces; which see described under the Article FOUNDRY Statue

Glast-Painters FURNACE, is made of Brick, nearly square,

Grigh-Frammer's PURNACE, is made of Brick, nearly fiquare, and about two Foot and a half cach way.

It is cut horizontally in the Middle by a Grate, which fains the Fan or Shovel the Class is baked in. This Fersage has two Apertures; one below the Grato, to put the Fuel in at; the other above it, thro' which the Workman

The Formate is a Brick Structure, much in the Shape of Spien how the Coction of the Colours goes on. See Paint. an Egg fet an end, wherein the Iron Ore, after it has been a reg or GLASS.

Letter Founders FURNACE, is very finall, not exceeding the Coction and the windown carleted, till it trickle down into a Rea Foot and half in Height, and one in Diameter; being

ing in GLASS.

Letter Funders Funnach, is very famili, not exceeding a loot and half in Height, and one in Diameters; being placed an awood not Stans, of Beeth, or mile it to a pupel of an awood not Stans, of Peeth, or mile it to a pupel of a wood not stand to the lone. Earth with Coulbles, See Letter Funnachers Funnachers Funnachers Funnachers in America, in of these Kinds in the field, they mile the Lend, whereof Scheets are to be call.

This is only a fort of large Copper, or Receptacle like a Copper, made of irrect flows and fetters Funnheuell philited of the Copper, and of the Copper, and beginning the Copper and the Copper and of the Copper of Receptacle like a Copper, made of irrect flows and fetters Funnheuell philited and the Copper and

round with a sittle fron 1 as a bottom.

In the fecond, they mult the Lead to be cast in Moukls, for Pipes, \$5c, which are not to be folder of.
The third, is the Timing Farmare, which is a square Frame of Wood, or sometimes a Mustive of Stene week, with a Brick Hearth, whereon is made a Charcost Fire, which serves them for the applying of thin Tim Leaves on their WOMLS. SOP PLEASERSY. Hatters Funnacus are of three Kinds: A little one un-

der the Mould, whereon they form their Hats: A larger, in the Fullery under a little Copper full of Water and Lees: And a very large one under the great Copper they dye their Hats in. See HAT.

Hass in. See HAT.

Ellicost Franken, is one of the two kinds of Firmaces

wid in the Minsage, for the fuling of Metals.

It confils of a flat Hearth at Bottom, into which the Air
may be admitted by a Hole contrivid therein.

On a Level with the Hearth is a fectod Aperture, which

gives Faffage to the Pipe of the Bellows, from which the Fur-Grate, which may be taken off and put on at pleafure.

Laftly, over this is the Place where the Crucible is fet;
which is square, and made of the same Earth with the Cruwhich is fquare, and made of the fame Earth with the Cru-cible; of Breadth fufficient to bear a Range of Coals around the Crucible.

To melt a Metal in this Farnace, they lay a little Plate of forged Iron over the Grate; and on this they fet the Crucible, which is likewise cover'd with an iron, or earthen Cruchie, which is likewise cover a with an iron, or cartion Lid. Then they fill the Privace with Charcoal; and when it is well lighted, and the Cruchible fufficiently hot, they flop the Vent-hole. Latily, throwing on frefit Coals, they flop the privace with an iron Lid: Thus, continuing to work the Bellows, and (upply frefit Peul, all the Metal be in See COINING.

Wind-Funnace is the focond Furnace us'd in the Fusion of WEID-EURAGE IS THE COORD PRIBER OF A IN THE FRIEND OF METALS for COINGR, AT BRITON IT HAS A HEARTH MADE hollow, in manner of a Coupel, with a Vent-hole in the Fore-part hereof. Over the Vent-hole, is a Grant Gall din the Matherof to the Furnace. Over the Grate is the Place for the

thereot. Over the Vent-hole, is a Grate lead in the Ma-five of the Furnace. Over the Grate is the Place for the Crucible, which is ubusly of forged fron. The Fire being lighted, the Crucible is fet in, with a Cover over it; and a Capital or Cover of Earth or Iron laid likewise over the Furnace. A top of this Capital is a Hole free of fix lackes in Diameter.

fice or for Inches in Diameter,
It is called Wind Dermates, by reason the Air entring the'
the Varshold: at the Air Dermate, by reason the Air entring the'
the Varshold: at the Bellows in other Fermate,
Godd is signily medical the Bellows Fermate, as requiring an incenfer Heat before it face. See Gonn.
Fermate, See Conn.
Fermate, Se

determined, and directed. See Fire.
The Farnace confifts of feveral Parts; as, a Place for the Veffel, or Body to be wrought on; a Focus or Hearth for the Affice; a Chimney; a Grate; a Door; a Dome, and a Faus or elle Registers, whereby to let in Air, to increase, or above the Fire.

The Perfection of a Furnace confifts in its maintaining a constant equable Fire; and this easily temper'd; and at an

easy Expence.
To have the Expense easy, the whole Action of the Fire or Fuel must be employ'd on the Subject or Matter of the Operation

Operation.

It must be esmable, fince different Degrees of Fire have different Effects, fo that if any given Diggrees would suffere were the Intention form taking place. And on the Greum-lances does all the Variety of Furnaces depend.

Furnaces are either fixed and immoveable, call did thisners; or portable, call dicabolin, or Universit, being proper to all Operations, where the Body to be operated on as

ot too large The first Species of Athanor, or fix'd Furnace is fitted to give a Heat equal to that of a healthy Man. The second is the Furnace of the Balneum Marie, fit for the Destillation of the more fubtile Spirits. See BALNEUM

The third is the Digesting Furnace. See Digesting.

The fourth, the Anema, or Wind Furnace, call'd also faften'd to the Spring-box, difengages itself from the Fusion.

Melting Furnace, and Metallic Furnace; us'd in the Fusion in proportion as the Box is run'd. And hence the Meries Metals, Minerals and Vitrifications. It is call'd Wind Furnace, by reason the Air drives forcibly

that of the Reverberatory Furnace, only lefs.

For the Reverberatory Furnace, fee Revenser Arony.

FURNACE of a Mine, in the Art of War; fee CHAMBER and Mi FURNITURE, in Dialling, certain additional Points and Lines, drawn on a Dial, by way of Ornament. See

DIAL.

Such are the Signs of the Zodiac, Length of Days, Paraljels of Declination, Azimuths, Meridians of the principal Ciries, Babylonick and Italian Hours, Points of the Com-

pafs, &c. Sec Dialling. For drawing Furniture on Dials, the Analemma, or Tri-

gon of Signs is an Inflrument of principal Ufe. See Ana-FUROR Uterinus, a Species of Madness, peculiar to Women, exciting them to a wehement Defire of Venery, and rendering them infatiate therewith. See UTERINE

Fury. It is owing, according to Sennerins, to a too great Abundance of Semen, and a preternatural Heat and Pungency

FURR, the Skin of divers kinds of Wild Beafts, dreft'd with the Hair on; to be us'd as a Lining, or Doubling of Garments, Robes, &c. either for Warmth, Ornament, or Diffinction of Rank and Dignity.

Diffinction of stans and Logary.

The Robes of Kings, Dukes and Peers are lined with divers kinds of Farry, and particularly Krmine, so render them more magnificent. See Enablary Remine, so render.

The fame may be oblieved of feveral chief. Maglitrates, Jadges, and Doctors of different Faculties in the University.

The Kinds of Farrs, or the Skins chiefly dreft'd in Alum, and with the Hair on, are nd with the Hair on, are those of the Ermine, Sable, quirrel, Cony, Castor, Otter, Dog, Fox, Wolf, Tiger, Bear, &c. See San The Word is form'd of the French Fourrure, a Lining;

which Du Conge derives from Furriura, and, in the bat-barous Latin, for the fame thing. We also meet with For-ratura, foderata, fodratum, and fodratura, in the fame

Funa, in Heraldry, a Representation of the Skins of cer-tain wild Beafts, feen, both in the Doublings of the Mantles of Coat Armour, and in the Armour it felf. The Heralds ule two Metals, five Colours, and two Furrs,

five Colours, and two Furrs, The Origin of their Farrs, Mackenzy afribes to the Shield's being antiently cover'd with Skins; which Skins or

Coverings were afterwards represented in the Shields: A more probable Detivation, in our Opinion, than to fay they were plac'd on Shields, because they had been were in Manties and Garments. Purrs either confift of one Colour, which is cubite ; or

perior enter comin of one Colour, which is eablist; or more than one; and these either two, or more than two. Parri of two Colours are either Ermine, being white with black Spots; Ermines, black with white Spots; Erminist, whole Ground is yellow; or Pean, which is black, ponder'd with yellow. See Ermine, Pean, 25. Firrs of more than two Colours are Vair. See VAIR,

and VAIRY.

and VAIRY.
FURRIER, a Perfon who trades, or works in Purrys, or
lines Robes, the therewith. See Purn.
FURRING, in Architecture, the making good the Rafters Feet in the Cornice. See RAFFIR.
Thus, when Rafters are cut with a Knoc, their Purrings re Pieces which go firmit along with the Rafter, from the

Top of the Knee, to the Cornice.
Alfo, when Rafters are rotten, or funk hollow in the Middle, there are Pieces cut thickeft in the Middle, and tapering towards each End, which are nailed upon them to m them ftrait. Such Pieces are called Furrs; and the Put-

ing them on, Farring the Rafters.

FUSAROLE, in Architecture, a Moulding, or Ornament, placed immediately under the Echinus, in the Doric,

Thie, and Composite Capitals

The Fusarsis is a round Member, carved, in manner of a Collar or Chaplet, with oval Beads. The Fusarsis should always answer exactly under the Eye of the Volute in the Luc Capital.

The Italians call it Fufciolo; and the French, from whom ve borrow it, Fufarole. FUSEE, or Fest, in Watch-work, is that conical Part, drawn by the Spring, and about which the Chain, or String is wrapp'd. See Wareh.

is wrapper. See Water.

The Spring of a Watch is the first Mover. It is roll'd up in a Cylindrical Box, against which it acts, and which it turns round in unbending itself. The String, or little Chain, which at one End is wound about the Pufee, and at the other

in proportion as the Box is turn'd. And hence the Merion of all the other Parts of the Spring Watch. See Spring. of all the other Parts of the Spring Watch. See Spring.
Now the Editor, or Addino of the Spring is continually diminishing from Arit to last; and of confequence, unless that
lacquality was rectifyed, it would draw the String with more
Force, and wind a greater Quantity of it upon the Box at
one time than another; so that the Movement would never
here consultation.

keep equal time.

To correct this Irregularity of the Spring; nothing could be more happily contrived than to have the Spring applied to the Arms of Levers, which are continually longer as the Force of the Spring is weaker. This foreign Affiltance, all ways increasing as 'tis most needed, maintains the Action

and Effect of the Spring in an Equality.

and Helect of the Spring in an Equality.

"It's for this reation, that the High is made of a conical Figure. Its Axis, which is immoreable, is the Scries of the Centres of all the unequal Circumferences, which compute the Surface of the High. According as the Part of a String the Surface of the Fugy. According as the Part or a Suring which is unwistling, is applied to a larger Circumference, it is at a greater Dilatone from the fixed Point in the Asis, is at a greater Dilatone from the fixed Point in the Asis, is at a greater platone from the fixed Point in the Asis, and the Asis of the A If the Action of the Spring diminish'd equally, as the Pa-

ratio factors or the sping diffilming a county, as a ratio Bafes of a Triangle do; the Cene, which is generated of a Triangle, would be the precife Figure required for the Fufes. But 'tis certain the weakening of the Spring is not n that Proportion; and of confequence the Fufy should not In effect, Experience shows, that it should not be shrictly

fo; but that it be a little hollow toward the Middle, i. e. the Arm of the Lever must be there a little shorten'd; by cason the Action of the Spring is not fufficiently diminish'd

"Tis a Matter of Inquiry among Geometricians what the precise Figure of the Faily flound be; that is, what the Curre is, by whose Revolution round its Axis, the Solid, whose Figure the Faily is to have, shall be produced. M. Fargman has determed this Curre. The Axis of the

Fufer is all othe Axis of the Curve, which is convex on the Side toward the Axis, and of confequence concave all the way on the other, or outerfide; and the Ordinates are the different Diffances wherein the String is to be with regard to all the fucceffive fix'd Points of the Axis.

all the loccetive fixed Points of the Axis.

The Force of the Spring multiplied by the Arm of the
Lever it is applied to, catal Momens, being always to make
an equal Product; it follows that when the Solid of the
Curve fhall be form'd, an Ordinate multiplied by the Surface of the Solid comprised between that Ordinate, and the
greated of all the Ordinates, viz. that of the Bate, will always yield a Product equal to that of any other Ordinares multiplied in the fame manner. For the Ordinares are only Arms of the Lever; and the Parts of the Surface comprehended between them and the Bafe are equal to the Lengths of the String, which cover them; i.e. to the correspondent Forces of the Spring: Which is what constitutes the Equarion, and the Effence of the Curve.

FUSIE, FUSIE, or FUSE, in War, an Appendage of a Bomb, or Granado-Shell, by which the Powder or Compo-fition in the Shell is fet on Fire, to do the defign'd Execution. See Boms, and GRANADO.

The Fusice is a wooden Pipe or Tap, fill'd with Wild-fire, or the like Composition; and is designed to burn so long, and or the like Composition; and is designed to burn to long, and no longer, as is the time of the Motion of the Bomb from the Mouth of the Mortar, to the Place, where it is to fall, which Time is about 27 Seconds: So that the Puje must be continy d, either from the Nature of the Composition or the Length of the Pipe which contains it, to burn just that



than the Lozenge; its upper and lower Angles being more acute than the two reral or middle ones; as represented in the adjoining Figure.

FUSILIERS, in an Army, are the fame with Musqueteers; and are called fo from the Word Fusil, a Fire-arm,

or Mulquet. See Musquer. FUSIL~

FUSILI.Y, or Fusicen, is when a Field or Ordinary is tirely cover'd over, or divided into Fufffs.— FUSION, the Solution, or melting of Metals, Minerals. Ec. by means of Fire: Or, the Act of changing them from their folid State to a Floor. See Somution, and Dissolu-

To give the Ore its metallic Form, they fufe it : When is is in Fusion, the metalline Substance, being the heaviest, finks to the Bottom of the Furnace; the other terrestrial Matters riting in Form of Scoria to the Surface. See METAL-Tis commonly imagin'd, that the Fusion and metalline

Form of Minerals is wholly the Effect of Fire; and we have Theories of Fufibility built on this Principle: But 'tis a mi-Baken one. Fire, no doubt, is the principal Agent: But Fire alone is not fufficient.

Fire addie is sort unicent.

A Mineral, or piece of Metal not purify'd, being put alone in a Cracible, melts with a world of Difficulty, and never becomes a perfect Metal: Copper Ore, for initiance, being thus applied, its impure Part terms a Scoria, and virifiers the metalline Part reliding at Bottom, under the Appearance of a black Regulus. To promote the Fullow and Separation, they mix Coals,

To promote the Puppers and Septerston, now mix Galis, or Stocks, or Gallers, or old Scritta along with the Ores, of Section and Section an

Cohenen in an induces is seeing a component Particles. See Contaston.

Now, the Corputales of Fire entering with Rapidity into the Pores of the Metal agitates, and by degrees, loolens, dithe Fores of the Metal agitates, and by degrees, loolens, divides, and diminifies their Contact, till at length there is not ecosoph to bilader their rolling over each other; and giving way upon the leaft impulie. See FOUNDAY.

The Dilatation observable in all Faylous; is a Proof that their Particles are Expansed on the control of the

and confequently their Contacts and Cobelions diminish'd.

In effect, Rarefaction and Dilatation is the necessary Confequence of Fire and Heat. See Fire, Dilatation, RA-

REFACTION.

REJACTION.
Trom the Difference of Cohefion proceeds that Variety we observe in the Infiling of Boldies: for fach as laws leaft with mind the process of the Infiling of Boldies; for fach as laws leaft with mind easy by the Warmto of a Varyane only, when chees, which have a fireager Contell, are not to be femarted, but with Differenty. Upon this account, Veganilar were but with Differenty. Upon this account, Veganilar were here, which have a fireager Contell, are not to be marged, but here were compact as Gold, and Silver, are not to be managed, but he with a Warman and the Contellar Contell

her by a vice. A variety of the control of the manged, if now the Force of Coletions were propertional to the Quantity of Marter, or to the Weight of Bedies, we might effect of the control of the contr

the Quantity or 18 Matter. See LEAD.

Bodies after Puffor return again into a folid Mafs, upon removing them from the Fire; because their Particles hereupon approach nearer to one another by their attractive Force, and are so compelled to unite.

Force, and are so compelled to united the property of the statement of the stateme

Force, and are fo compelled to unite.
Such as confif of homogeneous and unalterable Parts, as
Wax, Gums, and the purer Metals, recover their antient
Form: For when the fame Textare of Parts remain in the
whole Body, it must of courfe reaffume the fame Appearance,
when the leparating Fower coafiest to all; but other Bodies,
whole Parts, white refpect to Denfity and Surface, are ex-

nely different from one another, while fome are carried off by the Force of Heat, and others are changed as to Fi-gure and Polition, must be forced to appear in another Form : For they cannot recover their original Phales, unless every Particle could reinstate it felf in that very Situation it had before, which may be hindered infinite ways; as may

had before, which may be innered infinite ways; as may be experienced cafily in heterogeneous Bodies. The Difference, therefore, oblers d even in homogeneous Bodies after Liquefaction, is no ways to be accounted for but from the changeableness of Surface in its Parts: For those From the changeauticus of Surface in The Laine Surfaces, never lose their Form; but others, by having the Surfaces of their Parts altered, have a different Texture, and put on another

rares utereos, mave a universe l'exture, aun put on anotae paperarine.
FUST, in Architecture, the Suhir of la Column, in et itae Part comprehended between the Balt, and the Calpital y called allo the Nator. See Smarr.
The Fift is that cylindrical Part, which makes, as it were, the Body, or Trank of the Column, exclusive of the Head and Foot. See Cozumn.

The Word is French, and literally fignifies a Cask.

In a werd is French, and literally againes a Cais.
FUSTIAN, in Commerce, a kind of Stuff, which feems,
as it were, crofid, on one Side.
Right Fuffiant floud be made altogether of Coston
Thread, both Woof, and Warp.
There are Fuffiant of divers Kinds, wide, narrow, coarfe,
fine; with Shag, or Nap, and without it. There are also

fine; with Shag, or Nap, and without it. There are also a great many made whereof the Warp is Flax, or even Hemp. Fustion crossed, and napp'd on both Sides, is called Bom-

bajin.—
The Plumbers afe Fuffian to east Lead on. See Press Monoge derives the Word from Fuffanum, which in the orrupt Latin Writers is used in the same Sense; and is

corrupt Latin writers is used in the latin scale; and as fappeled to be form'd from Fifth, on account of the Tree whereon the Cotton grows. See Corrow.

Rosbors derives it from fifths, which in Arabic fignifies the autient City of Memphii, where Cotton is produced in the Cotton in

great Abundance. FUSTICK, or Fustoca, a yellow Wood, as'd by the Dyers. See Dyino.

The Colour it yields is a fine golden Yellow; but there should be some other Ingredients mix'd with it, to make it

lafting. See YELLOW.

The Tree that yields it, grows in all the Antilles Islands; but particularly that of Tabago, where it rifes to a great

Height.

The Dyers use it chiefly for Blacks. See Black. But fome of the ablest, and honested among them, who would dye none but the best, and most lating Colours, are of Opinion it fhould be absolutely excited out of all Dying.

Beside this, there is associated kind of Papilick or Puplet,

Bende this, there is another kind of Fulfick or Fulfel, growing in Italy, Processor, Sec. under to dye at Coffee Colour. F.UT.P.A, in Mulick, one of the Cleft. See Clerk. F.UT.P.A, in Mulick, one of the Cleft. See Clerk. F.UT.P.A, in medical grown becasiter. A Jaure Contingency. There is none but Goo to whom Jaurer Things are present. A future State. See RESURRECTION, and

IMMORTALITY.

FUTURE, or FUTURE Tenfe, in Grammer, an Inflexion of Verbs, whereby they denote, that a Thing will be, in some Time yet to come. The last Day will come. I shall see Time yet to come. The future Time admits of two Cafes: Either we may have a mind to express a thing that shall come to pass in a short time; or a thing that shall happen in any indefinite

Thus the Greeks have their paulo post Future, Myor phines, which marks a thing about to be done; as runnouse; beside the common, indefinite Future wides, I will do it;

amabo, I will love.

amabe, I will love.
In Latin, Italian, French, and even English, the Future of the Indicative expresses cash the Design, or Intention of doing a thing, or simply that the Thing will be; as, I will perial; I will be approved. And the Future of the Subjunctive shows that the thing will be done under certain Circumster of the Subjunctive of the Subjunctive shows that the thing will be done under certain Circumster. flances; when I shall have seen Verfailles, I will tell you. Sometimes the Fiture is express by the Present; If I meet your Friend; si effendere; si incidere.

G.

GAB.

Is the feventh Letter of the Alphabet, and the the tevenal Letter of the Alphanet, and the fifth Confoant: Burin the Alphabets of all the Oriental Languages, the Hebrew, Phemician, Caddlee, Syriac, Samariton, Arabic, and even Greek, G 'is the third Letter. See LETTR. The Hebrews call it Ghimel, or Gimel, q. d. Camel; by reason it retembles the Neck of that Animal: And the lame

Appellation it bears in the Sarmatian, Phenician, and Chal 'ris pronounced Gomal; in Arabec, Giim, dee : In Syriac in Greek, Gamma,

and in Greek, Gammas.
The Letter G is of the mute Kind, and cannot be any
way founded without the Help of a Vowel. "Ts form'd by
the Reflection of the Air againt the Palace, made by the
Tongue, as the Air pattles out of the Throat: Which Martionni Capella expectes thus, G, fpirins, cum palars; 6
that the G is a palaral Letter. See Letter, Murz, and

PALATAL. PALLATAL.

The Lasiss took the Liberty to drop the Letter G at the Beginnings of Words, before an s; as in gratus, gustos, guariat, See which they ordinarily wrote, natus, sugles, sublits, See They also frequently changed it into G, as anfon nabilis, &c. They also frequently changed to true v₁, and Gamelia; that Camelia; Greatlia, Greatlia; Surgentian, miniscentism, &c. Sometimes it is put inflead of XI before a, and another G, as Agrific, Agorra, Agaptila, &c. tor Antheric, Amorra, Anguella, &c. to the chipic, Amorra, Anguella, &c. to the chipic, Amorra, &c. to latend of P, as Afgilia, for Maphila, &c. G is all outed inflead of Q, and Q inflead of E, as Amorra, Anguella, Agaptila, &c. thiead of X, as a fine the control of th Mapilia, &c. 4 is also uted mitecal of 26, sond 25 sucress of G, as Anguina, Anguina, Anguina, &c. Inflicad of R, ss Agnogium, for Agnarium; Agger, Arger, &c. And inflead of S, as Shargo, Sparsh, Parshm; or, rather, it is retreach'd from thole lath Words, to avoid the Cacophony of Jeargh, or

fiberoff:

G, is also put for C; as Cneitus, for Gneitus; Csiaus, for Gaitus; Gaeta, for Caiteia: for V, as Jigore, for fivere.

The Northern Ecople frequently change the G isno V, or W; as in Gallas, Wallas, Gallas, Wallas, Pallas, & Common in this fathacet is must not be faith that the French have changed the W inno C; by reaslos they wrote Gallas for the C inno C; by reaslos they wrote Gallas for the C inno C; by reaslos they wrote Gallas for the C inno C; by reaslos they wrote Gallas for the C inno C; by reaslos they wrote Gallas for the C inno C; by reaslos they wrote Gallas for the C inno C; by reaslos they wrote Gallas for the C inno C; by reaslos they wrote Gallas for the C inno C; by reaslos they were Gallas for the C inno C; by reaslos they were Gallas for the C inno C inn

the antient Roman and Greek Writers.

And yet, 'tis equally true, that the French change the W of the Northern Nations, and the V Confonant into G; as Willielmss, William, into Guillaume, ; Wulphilas, into Gul-Wilhelmus, William, into Guillaume, Wilpinias, into Gui-obilas; Vafo, into Gafon, &c. It may be added, that the antient Gauls, and Celte changed the 1 or v of the primitive obilas : Language into G: Accordingly, is the Bas Breton they fill fay gount, of P'l Wine, from 1", by changing the larrer ?

into 1. Diomed. L. II. de Litera, calls G, a new Letter: His Reaion was, that the Romans had not introduced it before the fiftt Panie War; as appears from the Rollera Column, erected by C. Duiliuit, on which we every where find a C file to G. It was 59. Earwillins, who first driftinguish d because of the was 59. Earwillins, who first driftinguish d belieu of G. It was Sp. Carvilius, wno min united the Figure of the G: tween those two Letters; and invented the Figure of the G: as we are affured by Terentius Scanrus. The C ferved very well for G₄ it being the third Letter of the Latin Alpha-

well for G₂ it being the third Letter of the Laria Alpha-ica Userva et al. (1997) and the Laria Alpha-Tar G it found inflored of C is feveral Media it Filliam Non. Improv. 17, L. 9, 5. M. Regge produce a Media of the Familia Ogalnia, where G AR is read inflored of CALLAGUA CARTAGENESIS, See, for AUGU-STALIS, Son. North the Pharmachical of thoir Words was alred 3, but only that the G was usurfully are negligically set by the Worlmon. As is the Cale in force inforprotent the country found for AUG, See.

quently found for AUG, sec.

The Form of our G is raken from that of the Latins, who horrowed it from the Greeks; the latin G being certainly a Corruption of the Greek Gammar, as might cashly be finews, had our Printers all the Charafters and Forms of this Letter, which we meet withal in the Greek and Latin MSS, ther which the Letter paid from r to G.

THE MISS, thre' which the Letter passed from Y to G. As to the Gamma of the Greeks, 'its manifelfly the I Ghirmed of the Hebrewit, or Somarians. All the Difference between the Gamma and Ghimel conditis in this that the one is turn'd to the Right, and the other to the Left, according to the different manners of writing and trading, which obtained among those different Nations 1 for the still, the manifest of the state exactly, which obtain'd among thoir different Nations: for that all the pains Schmaffers has taken on Schmitt, to prove that the G was derived from Greek Kappa, is loft. G has allo been u'd as a Numeral Letter, fignifying 400, according to the Vette, G Quadringentes demonstrativa tenebit.

When a Dash was added a-top the G, it fignify'd fortg outlind. Sec A.

G is also us'd in Music, to figuify one of the Cless. Sec

G is the Clef of the highest Part, call'd the Treble, or

All. Soc Trains.

GABBARA, a Name the Egyptians gave the dead Bodos, which they kept by them, indicad of harping them.

GABBARA, a Name the Egyptians gave the dead Bodos, which they kept by them, indicad of harping them.

The state of the

was brought from Arabia, almost ten Foot long.

Fa. Hardouin imagines, that Pliny here took the Word for

No. Hardonin imagines, that Plusy nere took the Word for a proper Name; and accordingly fearches in Taiotis, for one Abbarsi, a King of Arabia: But Hardonin himfelf is not of that Opinion; taking the Word to be rather the "MI Ghibbor, of the Hebrews; or "NII Ghabbar, of the Arabiasis, and to figuify a Gyaur.

Day, the Leiche Rafinoud has given us a mach barries."

biant's and to figury a Gyant.

But the Jeduite Rofwaged has given us a much better Account in his learned Notes, on the Life of St. Anthony, 6. 75 and in his Onomaftion, under the Word Gabbara, subserts, Gabarats, and Gabbarus, and the Sharts, Gabrats, and Gabbarus, and the they all fignify where he shows that we meet with noth Ordering, Calibrate, Gabrate, and Gabbarus, and Cabbarus, and that they all figurity as Body-embalm'd; which he proves from the Testimonies of Ciever, Testing, 2008. 10 Pampton. Med., L. L. C., of Sexus Empiricas, L. III.; Psyrrbon Hypotleft, e. 22, of Sexus Empiricas, L. III.; Psyrrbon Hypotleft, e. 22, of Lucian, de Lucius, of Coriphys, L. III. De juner of Histories; of St. Angultin, Calibrat, Damagleous, &c. Seo Mummy.
The Word is Arabic, Syriac, and Hebrew, form'd of

121 Gaher, a Man.

"Di Gaber, a Man.
GABEL, or GARLELL, in the French Calbons, a Day
or Imposition on Sult. See Sult."

The Gaber of Man Sult. See Sult.

The Gaber of Man Sult. See Sult.

The Gaber of Man Sult. See Sult.

The Sult.

The Day is lide to have had be file in Proposition of Man Sult.

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The Day is lide to have had be file in Proposition.

The Day is lide to have had be file in Proposition.

The Sult.

The Su fines. "Philip de Volati first chibblish Gramisies and Go-ience of the Gabelius, and poblishted any Perices from Gi-ference of the Gabelius, and poblishted any Perices from Gi-fer the Island Confumption, has lain wholly in the King's Hands, who fells and difficure occurs of method to the his Furners, and Officers occurs of the the purpose. It is the compact of the Confumption of the Confumption of the Compact of the Confumption of the Confumption and yields the Consult as much as all the Minst of Yerry, Chilly Perice, and the cell of America due the

Spaniards.

Etymologists are extremely divided as to the Origin of any monogents are extremely divised at to the Urigin of the Word. Some derive it from the Hobew 669, a Prefent 5 others from 73-D Rabe. However, others from 73-D Rabe. Receipt 5 others from 60-8, are resulted to the from 60-8, are resulted to the from the correst tain 6 shells, or 60-8, and five the Caract. is allowed in some of our antient Writers, for any fort of 72s, or Imposition: As Gabel of Wines, of 81ks, 50c. See Durr.

GABIONS, in Fortification, &c. large Barkets, made of Ofter Twigs, wove of a cylindrical Form, fix Foot high, and four wide j, which being fill'd with Earth, ferve as a Defence,

or Shelter from the Enemy's Fire.

They are commonly aled in Batteries, to fereen the Engineers, &c. horder to which one is placed on either Side each Gun, only leaving room for the Muzzle to appear they. See Batteries.

There are also a smaller fort of Gabious, us'd on Parapets, in Trenches, &c. to cover the Musqueteers; being placed

fo near as that a Musquet can but just peep thro.

They also ferre as a Parapet on Lines, Lodgments, &c.
where the Ground proves too hard tool ginto. See Paraper.

To render the Gabious asceles, they endeavour to set them

to render the transpos bledes, they endeavour to let them on fire, by throwing pitched Faggous among them.

GABLE, or GARLE-End of a Hoole, is the upright triangular End, from the Cornice, or Eaves, to the Top of its Roof. See House.

GAGE, in our antient Customs, fignifies a Pledge, or

Pawn, given by way of Scourity.

The Word is only properly us'd for Movcables; for Immevables, Hypothera is us'd. If the Gage periffs, the Perfon who received it is not to answer for it, but only for ex-

fion who received it is not to nefewer for it, but only for crewm Neighpores, Qf-8. See Parkson, for a Challenge, to Combars, in which See it was a Peology which the Acceler, to Combars, in which See for the was a Peology which the Acceler, or Challenger, et on the Ground, and the other rook up, as accepting the Challenger, it was usually a Given, Gandler, The Carde Gollomany memions of Gegst Phicips at District. Their were Gentenmen, of their Relations or Friends: If the who had given the Gegst Phicips, was orecomen, he

was to pay a Mnl2 agreed on.

The Worl Gage is only retain'd as a Subflantive: As a Verb, the G is chang'd into W; and of Gage is form'd

Verb, the G is change haw; to crose Deliverance, q. d. to give Security a thing final be deliver'd. See Wast.

Thus, it a Person who has diffrain'd be fixed for no having deliver'd what he had took by Diffres, he ff all mage

or gage Deliverance; that is, put in Surety that he will deliver thom. See Law; the allo Merr Gage. Merr-Gage, it that which is left in the Hands of the

Propertors, 6, it that which is left in the raines in the Propertors, fo that he reaps the Finis thereofs in opposition to Vifegage, where the Fraits or Revenues are rainful by the Creditors, and reckond on the Foor of the Debt, which diminishes in proportion thereto.

The fecond, acquite, or discharges it felf; the first does

not. Penney also uses Morregage for the Postession of any Effects, on condition of surrendring them up at the speed piece of the Person who gave them. See Monreans. Gaoz, in the Sea Language. When one Ship is to windward of another, the is laid to have the Westbergage of

her.

The Seamen also call trying how much Water a Ship draws, gaging, or rather ganging of her; and it is done

They drive a Nall into a Pike, near the End, and then put down this Fike by the Radder, till the Nail catch hold under it, for then as many Feet as the Fike is under Water, is the Ship's Gege, or Depth of Water file draws. GAOR, in Jonney, is an Interment made to first a Line truly parallel to the fireight Side of any Board or Fiece of Stuff.

Stuff. Its chief Use is for gaging of Tenants trac, to fit into Mortificis; and for gaging Stuff of an equal Thickness. It is made of an oval piece of Wood, fatted on upon a square skitck, to filled up and down fittly thereon, and with a Tonch in the End of a Stuff, to Goor, of filter a Line upon the Stuff at any Dillance, according to the Dislance of the Oval Home it.

GAGER del Ley; for WAGE, and WAGER of Law. and in Geometry, fee {GANGER. GAGING.

ATASHVA,

GAIANITES, GAIANITES, GAIANITES, a SCR of setient Hereidis, iprang from the Entrychian.

This Sccl was of an older Standing than Gain, or Gein,
a lithou of Alexanderia, in the U'' Centrey, from whom.

"A lithou of Alexanderia, in the U'' Centrey, the older of the Alexanderia, in the U'' Centrey, the older of the Alexanderia, in the U'' Centrey, the older of the Alexanderia, in the U'' Centrey, the older of the Alexanderia of the Alexa

GAIN, the Profit, or Lucre a Perfon reaps from his Trade, Employment, or Industry.

There are legal and reputable Gains, as well as fordid

and infamous ones. What is gain'd by Gaming, is all liable to be reflored sagin, if the Loier will take the Benefit of the Law. Menage derives the Word from the German Ge-

The series whereof the Indians have made Guidagous; the French, and English, Gains. the Workmans Term for the French, and English, Gains. the Workmans Term for the Beevling Shoulder of the Jelli, or other Tumber.

It is not a follow for the Injury or the Bad of the Jold, yer, and the John of the Hard of the John of Things by the Island for the John of Things the John of Things by the Island for the John of Things the John of Things by the Island for the John of Things the Joh

cultivating it.

cultivating it.

Friedlen, lit. 1. eap. 9. Ipcaking of Lords and Servatin,
Int. Of f. c.i defirment, good jalence on peffer et off
Witinglein fame. And en grid factor on peffer et off
Witinglein fame. And en grid factor witinglo jun. For
sailcuity, as it appears both by Mog. Clerx and other
Books, the Villain, when amercel, had his Munagefree 5
to the end his Plough might not fland full. Int.
for the time Reach, dee till all does a like livringe to the Husbandman, that is, his Draught-horfes are not, in many Cafes, diffratuable. See Drawass.
GALACTTES, in Natural Hiftory, a Stone, thus called

MALAULIES, in Natural History, a cooke, that called by reafor when broke or groons, it relies to its a write Liquor, like Milk, which the Greeks cell years. The Stone is of an Alt Count, and pretty leaf, and fweet to the Tatte. The feasel in Tolfonty, Saxway, and other parts. Authors recommend it as good in Defiators of the Eys, and for Ucers: It is largook to make the Milk more critical in the state of the Children, and the Children, the control in Narie's and when him to the Necko of Children,

promotes Salivation

premote Salvazión.

GALAC TOPHACII, and GALACCPOTA, in Antiquity,
GALAC TOPHACII, and CALACCPOTA,

In Antiquity,
GALAC TOPHACII, and CALACCPOTA,

In Solvano Marcia, as the Gerta, Novader, See are famous in author: History, in quanty of Galdright

Antiquity, and the Company packs the Galdright

packs and the Company packs and the Com

The Words are compounded of yake, yakel@, Milk; payoute, I car; and overs, of ofee I drink.—
GALACTOPHEROUS Duth, are fuch Vestels as serve

convey Milk. & MILE. Such are the Lacteals, and Mamillary Veffels. See La-

DMCB are the several CTALES, and MARAME. CALLES AND ACTORNS, the changing inte Milk; or the Production of the Control of the C

Name. There are two kinds of Galanga's; the fmall, and the great: The fmall is a rough, knotty Root, of a raddy Color both within, and without, and of a very pangen aromatic Tafle, and Smell. It is brought from China, and is acted with good Success in all Dilorders of the Stomath, Bowels, and Womb, arifing from the Weaknets of the Nerves.

The greater Galanga, growing chiefly in Java and Ma-labar inclines more to an Ash Colour. Its Qualities are of the same kind with those of the other; only less efficacious, and much less used. The Vinegar-makers use both. See

GALAXY, in Aftronomy, That long, white, lemineus GALAXY, in Aftronomy, That long, white, lemineus Track, which fecons to incompute the Heavens like a Swath, Searf, or Girdle, and which is early perceiveable in a clear Night, efpecially when the Moon does no: appear. It paffic between Sagittary, and Gemini, and divides the Sphere into two Parts: It is sucqually broad; and in

tome Parts is fingle, in others double.

The Greeks call it Perelias Gallaxy, of Parel, rendeller, Alik on account of its Colour, and Appearance: The Latins, for the fame reason, call it Via Lastea; and we, the Milky Way-

The antient Poets, and even Philosophers, speak of the Galaxy, as the Road, or Way, by which the Hero's went Artifosic makes it a kind of Meteor, form'd of a Crond

drighte makes it a kind of Metror, torm'd of a Croud of Yappura, deven non that Part pcettin large Stars dif-Orliner, finding that the Galaxy was from all over the Others, finding that the Galaxy was from all over the Globe; that it always corresponded to the fame first Sarra; and that it transcended the Height of the highest Placesty for side Artificiat's Optisson, and placed the Galaxy in the Firmatisms, or Region of the fixed Stars, and canciladed it to be nothing hat an Affemblage of an infinite Namber of

minute Stars,

Since the Invention of the Teleforpe, this Opinion has been should any confirmed. By directing a good Teleforpe should not be a first property of the property

GALBANOM.

GALBANOM, in Pharmacy, A Gum iffuing from an Incifion in the Root of a ferulaceous Plant, call'd in Latin, Ferula Galbanifera; growing in Arabia, Syria, &c. See

Gom.

There are two kinds of Galbanum; the one in Tears; the orber in Mafs: The first is to be chose of a golden Vellow without offe, but much paler within, so a shirer Taties, and strong, disagreeable Smell. For the fecond, take that which is fulled of Tears, very dry, clear, and not flinking. This last is easily dophilicated with broken Beam, The anguage of the control of the n, and Gum Ammor

Roffen, and Gurn Ammenenia.
Goldsnorm is of an emollion, and refoliative Natures, good in all hybrics Cales, and in Allinna's and invectorate good in all hybrics Cales, and in Allinna's and invectorate part is chicity who cale cutturally, in Platfies for the Belly, which is looken, what way forcer applied.
Market is chicity who cale the property of the Cale of the

boar any Sall, they fay, it blows a Sterm, a Sos, and there When two Solija are bear one another as Sos, and there when the Solija are bear one another as so the three the cherry they first, the Solija galet away from the other. GALEARI, or CALLARI, in Anniquity, a Name of the Roman gave to the Black Guarda or Servans of the Solida Control of the Sol

It may carry twenty Guns; with a Stern, capable of lodg-ing a great Number of Mufquetcers. It ufen both Sails and Oars; and the Rowers are under Cover. It has there Maffs; the Main, Mizzen, and Bowfpett, which are never to be taken down, or lowerd, as they may be in Galleys. It has a Benches of Rowers, and to each Bench five or fix Slaves, to Will. Of Yeyre makes mention of Gategors, with 120 Benches of Oars. It has there I've of Quan, in the Head, one over the

It has three Tire of Cans, in the Head, one over the other, of two Guns each, bearing Ballis of 54, 44, and to Pounds. It has but two Tire in the Sterm, each containing there Guns, carrying Ballis of 18 Pounds. See GALLEY.

The Powerland are the only People who have Gallager, aniently, the Prace 8 thewite made use of them.

GALENIC Medicine, is properly the Manner of confidering and treating Debelors. See Manner chaples of

dering and treating Diseases, tounded on the Frinciples of Galen, so introduced by Galen. See Medicines. Canad. Galen, was of Pergamiss in Affa, the Son of a farmous Architect, and Pupil of Satyron and Pelops, two able Phyficians. He first diffinguished himself at Abens; and the Canada and abe Physicaes. He fird distinguisted humbel at a Atheway, the near Attenuative, and stilly a Remay where he worse great dealy, where he as file dad, in the lear of Chairl gas, see you had been a file dad, in the lear of Chairl gas, see you did a chair. There have been as feweral fellows of this Author: The first is star of Preize, in Folia, in the Law of the star of the star

GALENCE is now more frequently us'd in a wider Signifi-cation, viz. for that Method of Phyfick, contradiftinguish'd from Clymical. See MEDICINE.

In this Seale, Galenical Medicine, Galenical Pharmacy, &c. are those which go upon the easier Freparations of Herbe, Roost, &c. by Infation, Decoclion, &c. and attain their Ends, and make their Remedies effectual, by the their Ends, and make their Remedies effectivity, by the combining and multiplying of largedients: In opposition to Chemical Medicine, or Phormacy, which torture the Materia Medica by Fire, and draw their more intumate and remote Virtues by elaborate Preparations; as Calcination, Districts

goffion, Fermentation, &c. See CHEMISTRY, and PHAR-

Medicine was wholly Galenical, till the Time of Para-colfits. Geber, indeed, and after him Raymund Lully, Arcount. Greef, inacca, and after him Raymand Lilly, Ar-noldus de Villa Neva, and Bafil Falestine, made fome At-tempts to apply Chemitty to Medicine; effectably the last of them; but no great Advance was made. Peraceifin, and after him Van Helmont, alter'd the whole of Medicine; ex-

shee him Yan Helmour, sher'd the whole of Medicine, each poled Galeries, and the Perhysteric Declaries, and cander'd medical control of the property of the Perhysteric Declaries and cander'd The lase Improvements in Philosophy, have referred yet indee of Galeries in 16. The now all Machanies and Computed Galeries and Computed the Perhysteric Conference of the Perhysteric Conference of the Perhysteric Conference of the Computed Conference of the Conf fee also MEDICINE. GALENISTS, a Denomination given fuch Phylicians, as

actice, preferibe, or write on Galenical Principles. See GALBRICAL.

Galesiscale.
The Gaturity: fland oppoind to the Chymlift: The MetThe Gaturity: the Chymlift: The Metthe Gaturity: the Chymlift: The Metthe Chymlift: the Chymlift: t leffer Compais. See Chemist.
At prefect, the Galonifts and Chemists are pretty well ac-

commodated, and most of our Physicians use the Prepara-tions and Remedics of both. See Parasician, Remedy, &c. tions and Remedites of point. Soc Fivesicians, REBEDT, OCC, GALFINITS, GALENARY, or GALENITES, are also Branch of the Mennenites, or Anabaptifis, who take in fo-veral of the Opinious of the Sectionary, or rather Arians, touching the Divinity of our Saviour. See Mannonitre.

They are thus call'd from their Leader Galenni, a learned, and the same of the section of t

They are bus call if from their Lenduc Gateens, a learned, and conquern Physics on Ampletans, who is a secured or and conquern Physics on Ampletans, who is a secured or an extensive state of the American Called C

they judg'd it unlawful to pray for infidel Princes, they fe-parated themfelves from the refl of the Jews, and perform'd

priesto immerces from one cut of the prompting pressure as the car Sovient, and his Apollar were of Galliter, but were different properties of the car of the car of the car work uliquided to be of the Socii of Galliterur, and it was the car of the c

Porus Biliarius; being of a brighter Yellow, a greater Confi-

BLADDER.

The Gail Budder adheres to the Liver, both by in Vef-lels, which it receives from it; and likewise by its Mem-ing of the Ship that way.

The lower Part, which has go not with that of the
Liver. The lower Part, which has go or of the Liver, eats and Sails; cheful will by the State budding on the Madi-on the Hybrar of the Stomath, which it did so plane with treasures. See Yearness.

the Gall transuding thro its Membranes. Its Membranes are reckon'd five: An outer, or comm

Its Membranes äre reckord fåre: An oster, or common og, from the Tertinessum; an intern ose, from the Capital one, from the Tertinessum; all the Capital of the Capital The first, Fefentians, confilting of white Fibres, factower with Verlits; is for fectored, Minghater, confilting of a double Row of flutly Eibres, the one inspirations, the other amount of the Capital Villade, the other amount of the Capital Villade, the other amount of the Capital Villade, and the Siemach, which (spearse a Macus that lines the Indied of the Siemach, which (spearse a Macus that lines the Indied of the Siemach, which (spearse a Macus that lines the Indied of the Siemach, which (spearse a Macus that lines the Indied of the Siemach, which (spearse a Macus that lines the Indied of the Siemach, which (spearse a Macus that lines the Indied of the Siemach, which (spearse a Macus that lines the Indied of the Siemach, which (spearse a Macus that lines the Indied of the Siemach, which (spearse a Macus that lines the Indied of the Siemach, which (spearse a Macus that lines that lines the Indied of the Siemach, which (spearse a Macus that lines t

The Bladder is usually divided into two Parts, the Enu-dus, or Bottom; and the Collum, or Neck: At the Orifice of which latter is placed a King, or Circle of musualar Fi-bes, which ferve as a Sphincher to confiringe the Orifice of the Gall Bladder, and binder the too liberal Ditcharge of the

ile. See Cysric, Heraric, &c.
There are fome Animals without Gall Bladders; as Deer, There are tome Ammais without Gall Bladderts; a 3 Dect., Horfes, Affies, Males, Camels; and among Hiffes, the Sea Calf, and Dorphin. The Gall of thefe Animals is included in Dacfa, which terminates in the Inteflines. Call, ALANT, or Octavars, a Forest Term, figalifying call, police, well bred; a Perion of Wir, and Addrecks; that does every thing with a good Grace. A gallow Man is a civil Man, forewhat brighter, psyce, and more agrecable civil Man, forewhat brighter, psyce, and more agrecable

civil Noan, temewaat originas; govers, me mee var-than ordinary.

"Tis very difficult to define all the Qualities attach'd to the lices of a galaser Man: It frequently implies an Air of the World; a Diffootion to pleafe, and particularly the La-dices; and a great Devotton to the Sex. The Prester Au-thors are very title on the Point: They diltinguish galast and the Company of the Children of Points which has an

Homme, and Homme galaut.—
Mercure GALANT, is the Title of a Book, which has appear'd Monthly at Paris for feveral Years. See JOYNNAL. It contains abundance of very perty, curious Things 1, the feveral of the Wits have made it their Business to decry it. M. de Fire was the first Projector, and Author, or rather Collector Since his Death, it has been continued by three other Persons successively.

other Fedors lacceiuvely.

ALLEATE Fenery: 1ce PLOWERS.

GALLERY, In Architecture, a covert Place in a Houfe,
GALLERY, in Architecture, a covert Place in a Houfe,
mach leager than broad, and which is ufaully on the Wings
of the Bailding, ferring to walk in.

The Galleries of the Lowers are magnificent: A Gallery
of Painting: A complear Apartment is no confil of a Hall
Antichamber. Chamber, Cabiner, and Gallery. See A

Antichamber, Châmber, Cabhet, and Gallery. see a-RARMANY.
ARATHAMY.
ARATHAMY

GALLERY, is also a little life, or Walk, ferving as a com mon Paffage to feveral Rooms, placed in a Line, or Row. The Gallery of a Church is a kind of continued Tribune with a Baluffrade; built along the Sides or lower End of a Church, to hold the more People: And, in the Greek Churches, to feperate the Women from the Men.—Gallery

Clurches, to leperate the Women from the Men.—Gallery of a Thearts, the Cincucat, ThraaTus, &c.
Gallery, in Fortification, is a covered Walls, made of Timber; ferring for the fafe Paffage of a Dirch.
The Sides of the Gallery are to be Mathet proof, undenounted of a double Moso of Planks, include with Plates of Iron, and the Tipo is fometimes covered with Earth, or Turf, to blander the Effect of the Somen, artificial Fire, G.C. of the

Galleries are chiefly used to secure and facilitate the Miners Approach to the Face of the Bastion, over the Moat,

Mines Approach to the Face of the Battion, over the Moar, which is already improide fill 90 with Faggost and Bavins, and the Artillery of the opposite Flank diffmounted. Sometimes it is called a Trancyle. See TALVERAY G. ALLERY of a Mine, is the Passing, or Canal of a Mine; or any Branch thereof. See Mine.

The Besingers, and Besinged do cach of them carry Gal.

Mices, which fometimes meet and define each others

Miscs, which iometimes meet and definor each other.

Galler in a Ship, is a kind of Balcony, made upon
the Stern, without Board, into which there is a Paffage out
of the Cappenia Cabin, called the Great Cabin.

Thefe Galleries are indeed for Shew, and the Captain's
Pleasure, rather than any other Benefit; for in Stips of
War, all open Galleries of this kind are to be avoided; in

and Salita, chiefly well by the States bookering on the Madi-terments. See Vision 1, et up. Deadworf Offin, an Galleyt have afially from 1 city to Pancher of Orn, and Galleyt have afially from 1 city States, see such Rends. The Galley cartes a large Gen, click the Gardley to the Ballest Precess and two Galley States, see such Rends. The Galleyt, both ancient, and modern, are of a finer, and finderer Makes than Silips. Formerly they make in-ference between them Silips. Formerly they make in-ference between them is at to Silice, and maining at to H-inger. They shall keep towards the Galleyt for the Ulfo fine Modifications, the Ariental theories of the Ulfo The King of France keeps up forty Galleys for the Ulfo The Carent of the Galleyt hearts of which Assach Silips Tan Cereari of the Galleyt hearts of which Assach Silips Analysis,

Galleys, in Latin are called Biremes, Triremes, and Quadriremes; not on account of their having two, three, or aguastremes; not on account of their having two, three, or four Ranges of Oars before one another, as many learned Men have imagind, and particularly Scaliger and Sucilius, tho' this last has wrote excellently on the Subject Oxide against the succession of the suc games, for this were impracticable: Nor yet on account of their having but two, three, or four Cars; for then there would want Strength: But by reason there were two, three, or four Rowers failend to each Car, as in the Galleys used among us; as is very well shown by the Jesuite Deeblast, in his Art of Sailing.

in his Art of Salings.

This Error was occasioned by some antient Galleys, represented on Medals, or in Basilo-Relievo's, wherein are feveral Ranges of Rowers placed over each other: Bur silt the Mathematicians, Pilots, and Ship-builders look on this as a substitute of the second o Mathematicians, Piots, and Ship-builders look on this as a mere Vifon; infamuch as Piliyi makes Mention of Galleys of 15, 26, 50, 40, 50 Rows of Rowers; to that if they were ranged over each other, the 'we were only to allow four Feet for each Deck, there would be a Diffiance of 160 Feet between the lowelf Rowers, and the higheft: And yet we are affured, that the higheft Ship ever built, was only 2

Feet high—
Soliger affirms, that the first Privenit, or Gulley at three
Society, was ball to Error and the Society and the Society, was ball to Error and the Society and the Society and the Society and the Society and Soci

Some fay, it was called Galea, on account of the Figure of a Cath, or Helmet, which it bore on its Head, or Frow, as Ovid. attefts, De Triftib. The French call it Galere, by as Orist arrells, De Trifills. The Prevels call is Galers, by readon, the flys, that the Top of the Malts is usually cat in manner of a list, which the Buildans call Galers. Others device both Gales and Galer from a lifth, by the Greeks device both Gales and Galer from a lifth, by the Greeks Shape this Veffel relembles. Lifthy, others devive Galley, Gales, Galers, Galers, Galestyli, Sec. from the Syrins and Chalche Grat, and Gallin, a Man exposed on the Water, or in a Veffel of Wood.

t Wood.
The Captain-Galley is the principal Galley of a State,
mended by the Captain General of the Galley: In
yannee, the Royal Galley is the faith.
The Patroon Galley's the fecond Galley, both of France,
tyleany, and Malta. The General of the Gallies is on

Tulcany, and Malta. The General of the trautes is on Board the Royal Galley; and the Lieutenant, on the Pa-

Bosed the Koyli (sailoy) and the Lecuteani, on the FaThe Terms generalize to fulley, a very numerous a paid make a now Syltem of See Language, quite different from that sold in 80 km. Mod. 4th Erms, a mattered Oliver on that sold in 80 km. Mod. 4th Erms, a mattered Oliver on in writing a New Dictionary of the Distelled or the Galleyin. Candemantion in the Gallaxia, is a Paralay imposed on by they are adjudyd in of new the King, or Steen, a Slaves, on Board the Gallay's other for every on for a limited Time. See Prassumastary, and Saxviv. Imports Comfife-tion of Lands, Good, 6th. For in Parance, better confici-tion of Lands, Good, 6th. For in Parance, better confici-tion of Lands, Good, 6th. For in Parance, better confici-tion of Lands, Good, 6th. For in Parance, better confici-tion of Lands, Good, 6th. For in Parance, better confici-tion of Lands, Good, 6th. For in Parance, better confici-tion of Lands, Good, 6th. For in Parance, better confici-tion of Lands, Good, 6th. For in Parance, better confici-tion of Lands, Good of the Parance, better confici-tion of Lands, Good of the Parance, better confici-tion of Lands, Good of the Conficility of Courts of the Doese out of the Good. The General Exc. in Spaleys and Refilter. By an Culinauce of Charlet IX. in Spaleys

Judges are cajoin'd, not to condemn a Criminal to the Gal-leys for lefs than ten Years: And Henry III. by another, of 1579, linjoins the Capacias, not to detain their Galley Slaves, after their Time is expired. But neither of these Laws are now obferr d.—

after that Time is expired. But neither of their Laws are more of the Composition of the Composition of the Laws and the Composition of the Laws and the Composition of the Laws and the La

the Phrygians were no ways interested in the burning and

facking of Rome. Others derive the Name from the River Gallas; by reafon they drank of its Waters, which inipir'd them with, reation they draink of its waters, which impired intensibility. I how not what religious Fury and Esthulistin, and deprived them of their Senies to luch Degree, that they missed themelows. Others hold, that the first Pricts of Gebel having been namel Gallins, the Name became apportised to all his Saccettors. Pollins, who propoles their two Opinions, focus to incline most to the latter; the Owd, in the Court of this Fight; and Harddan, L. I arount the

former. Thefe Priefts threw themselves into a kind of Phrenzy,

Their Priefs threw themfeives into a kind of Pheenry, when they preferred the Ceremoist of the Goldés, apparently, in initiation of the young Byt, her knownte whom they Rieselli initiated, by multiput phenditors, when they knewled initiated, by multiput phenditors, or the state of the Byte of

A near ratenzy, at the time of the Sacrifices, confilled in though ground the Head with great Rapidity, and mak-ing violent Concerfions of the whole Body: They had alio Drams and Fintos, wherewith they play'd, and danced to them; as already objert'd under the Articles Conybantes, and Courts. Their Phrenzy, at the time of the Sacrifices, confifted in

and Cun-rus.

GALLIAMBIC, in the antient Poetry. A Galliambie
Contain a Composition in Galliambie Verico.—A Galliambie
Poem is a Composition in Galliambie Verico.—A Galliambie
Novel of Contain Conta

certain, the Antients regarded little more in the Galliambie Verfe, befide the Number of Measures, or Intervals; with-Verfe, befide the Number of Meatures, or intervais, witn-out troubling themfelves about the Number of Syllables, or the Kinds of Feer, whereof it was composed. GALLIAMBUS, in Poetry, a pleafant kind of Verse, and to be sung by the Pricits, in honour of the Goddess

Cybele .-

Galliambus is also a Piece, or Composure in Galliambic

Galliminist is how a server year.

Verle. See Galler, a Prielt of Cybele s and Yearles, a Prielt of Cybele s and Yearles, a Prielt of Cybele s and Yearles, a Foot in the Greek and Latist Verle.

GALLIARD, or Galleranes, in Music, and Dunclog, a fort of Dance, antiently in great Request; confiling of a fort of Dance, antiently in great Request; confiling of a fort of Dance, antiently in great Request; confiling of the Company of the Compa

Thomas Arbeau, in his Orchefography, deferibes it as confifting of five Steps, and five Pofitions of the Feet, which the Dancers perform'd before each other, and where-of he gives us the Score, or Tablature, which is of fix Mi-

ens, and two triple Times.—
The Word is French, and literally fignifies gay, merry, fprightly .-

GALLICAN, a Term chiefly us'd in the Phrale Galli-can Church, q.d. the French Church; or the Affembly, or Convocation of the Prelates of France. M. du Pay has an Convocation of the Prelates of France. M. Su Pny has a express Treatife of the Liberties of the Galliean Church. The Gallican Breviary is the Breviary us'd by the Church of Agrigentum, in Sietly; which the modern Writers call

Brenierium Gallicant

Bretiarium Galleasum.
The Reafon, no doubt, is its having been introduced by St. Grilan, who was made Bithon of Agreeating, after Regar had been and the flower, which the Norman Function brought thither. See Bravitan.
The Gallieux Haurgy is the manner of performing the divise Olices antiently observed in the Grait. Fa. Jadoliéux Rossow wherein is direct from the Reason Littungs. A. Listone wherein is direct from the Reason Littungs.

turg. Gall. c. 5. &c. GALLICISM, a Phrase, or Construction, poculiar to the French Language; or which has something contrary to the ordinary Rules of Grammer of the other Languages. See

ordinary Nuiss or Channel.

Phanas, and Dirottsin.

Thus, Get beamse off fire fa Bouche, is a Gallicifin, having no regular Confirultion: And the fame may be failed of Faire de la terre le foff; which no Grammar could never

GALLIMATHIAS; a dark, perplex'd Difcourfe, where Words, and Things are huddled together fo zs to make an in-

concivable Jargo

concivable Jargeon,
The Word is French, form'd, as fome will have it, from
Palymathin, which fignifies Diverfity of Sciences; by reafon fach as have their Memory charged with feveral kind
of Sciences, are uffailly confued, and exprefs themfolives

M. Huer takes the Word Gallimathias to have had the fame Origin with Aubornas; and to have first arose at the tamo Origin with Alberius; and to have reft arec at the time when all the Pleadings at the Bar were in Latin. There was a Clade, it feems, upon the Carper, about a Cock, belonging to the Plaintiff Manthésis. The Countil in the Heat of his Harangue, by often repeating the World Galler, and Marthesia, nappered to blunder; and infered of fying Gallers Matthesia, the Carpet to blunder; and infered of fying Gallers Matthesia, the Carpet to Countil in the Countil in the Carpet Carpet Name for all Confided, imbroil of Plainties.

GALLIMAUFRY, a Ragont, Hache, or Hotch-potch, made of the Remains of feveral kinds of Meats. See Ra-

Hence the Word is used in a figurative Sense for a Piece, or Composition, of several different Parts, ill digested, and embarated.——

The Word is French, Galimafree.

The West Is breach, Galintifes.

ALLIGN, or Genzeou, a large Vestio or Ship of War,

Of Alzin, or four Decks. See Visits.

Of these, or four Decks. See Visits.

Free y the Galinte being it has of the Ship orchived in

the Commerce of the West Indies.

The Ship orchived in the Commerce of the West Indies.

When yell the Galints. The first, we have arealy

which they call the Flater; and the ordice for Plany,

which they call the Galints. The first, we have already

are the Capitana, the Ship ordice of the Partials,

which they can be printed in Advance to Partials,

which they have the Capitana, the Gardens, the Partials,

which they have the Capitana, the Capitana, the Capitana, the

War, and go on the King's account; the cap the Ship or

War, and go on the King's account; the cap the Ship or

War, and go on the King's account; the cap the Ship or

War and go on the King's account; the cap the Ship or

War and the Ship or the Sh they would find it difficult to defend themfelves.

they would find it difficult to defend themselves. Beside the King's Galliers, there are usually twelve, or fixteen Merchant Ships, call'd Register Ships, belonging to private Perfons, who obtain leave for the fame, or rather buy it; there being no West India Company in Spain. See

Rentyran.

The Gallians are located at Callia, from whose they may have a They are about two Xean in the shole Vayage. Their Departure is usually form Months before that of the Flora, which cannot up out before Arenth, by reason of the Winds. When they put out together, they reason of the Winds. When they put out together, they reason to the Winds. When they put out together, they reason to the Winds. When they put out together, they are the Winds and REDISTER.

The Losaing of the Gallions is stways the richett: An Effinant of the yearly Returns or Cargo's, both of the Flota and Gallions, is as follows.

Of Gald, the Gallions bring yearly about two or three Millions of Crowns, and the Flota bout one. Of Silver, the Gallions being 18 or so theatand Crowns; and the Flota to Galleur bring: 18 or as throughout Crowns; and the Flots to or 13. Of precious Secons, the Galleur bring as follow; read-harded thou and cover of the flow of the Leathers, the Galiness being for feverary thouland Geometr The First as much. Of Compells Wood, the Golf-ter of the Compells of the best of the Compells of the Compells of Compells of the property of the Compells of the Compells of the Compells of Compells of the Compe

or twenty UAII:
Some call the Bomb ketches, Galliest.
GALLOGLASSES, a kind of Militia, or Soldiery in
Jetand. Cambeer, in his Amasto of Tecland, p. 192. relates
that the Irift Millin conflits of Cavalry, or Horfenmen, call
Galteglaffer, or Galleglaffe, who als a very flarep fort of
Harches, and Infanty, call defense.

GALLON, an English Measure, for things both liquid dry. See Measure.

GALION, an Engliff Mediane, for things both liquid and edy. See Matauraine eight Plain, or for so Bustri, to but those Plain, and Quarts, and confequently the Galitar is but those Plain, and Quarts, and confequently the Galitar is different and the Galitar is constituted in the Confequently of the Things madarful 7 The Wits Galitin, for Influence, consults a 11 Caster The Bors, and Ale Galitar, contain is a Said Inducts, and hold ander founds, it to Galitary, contain is Said Inducts, and hold ander Founds, it to Galitary contains its Said Inducts, and hold ander Founds, it to Galitary contains its Said Inducts, and hold ander Founds, it to Galitary contains a Said Inducts, and hold and Founds, it to Galitary of the Confequence of the Confequenc

GALLOP, in the Manage, is the fwiftest natural Pace of a Horle, perform'd by Reaches, or Leaps; the two Fore-feet being rais'd almost at the fame time; and the Hindfeet,

the like

In Galloping, the Horse may lead with which Foreleg he pleases; the most usual way is that with the Right; But which soever it be, the Hindleg of the same Side must folwhich seever it be, the Hindleg of the lame Side mult follow it next; otherwife the Legs are faid to be dijmitted. To remedy which Diforder, the Rider mult flay the Horfe a little on the Hand, and help him with the Spur on the contrary Side to that on which he is diffunited.

In a Circle, the Horfe is confined always to lead with his Foreleg, within the Turns, otherwife be is faid to gallop fails. But here, too, the Hindleg of the fame Side multi-

tollow. We fay, a Hand Gallop, a Casterbury Gallop, a School Gallop, &c. A imouth Gallop close to the Ground, the French call, the English Gallop, Gallop a Paghajis.

The Word is borrowed from the Barbarous Latin cathpare, or caspare, to run. Some derive it from caballicare in Others from the Greek association, or season, to figure 2.

GALLOWS, an Inframent of Panishment, whereon Persons convicted capitally of Felony, Se. are executed by Hanging. See Punishment, Felony, Hanging, Sc. Hanging. See Pusishment, Felony, Hanging, Se. Among on Anceftor it was called Fures, Fork; a Name by which it is fill denominated abroad, particularly in France and Italy. In this latter Country, the Reason of the Name fill subfille; the Gallows being a real Fork drove

into the Ground, a crofs the Legs whereof is laid a Beam, into the Ground, a-crobs the Legs whereon is haid a Beam, to which the Rope is tied. See Fue.a.

GALLS, or GALL Nutt, in Natural Hiltory, &c. a kind of morbid Tumors or Exceedencies, found on divers Vegerables; as the Oak, Willow, &c. in form of Balls, Coacs, or little Appless

The magner of the Production of Galls, is well described

The mainer of the Production of Galls, is well deferible by Mallgois, in an expend Treating, As Gallis.

The Procefs, as oblieved, in the Galls, or Appies on the Theo Cones, is oblieved, in the Galls, or Appies on the Theo Cones, in gas that Author, are in outward Appearance perfectly! like the Germa, or Bads themsieves, only will be igner; and, in effect, they are no other than the Germa focal do not in Balls, which naturally aught to be pathful or in length. The Cantel of which Oblimation of Vegetaout in length. The Curife of which Obbraction of Vegena-tion is this: I not he vary Heart of the young, tender Bud, which begins to be turgld in June, and shoots out in a Month more, an Infelt of the Ichneamon Fly-kind, thruths one, or more Eggs, and in all Probability, some venomous lefter therewish. This Egg som becomes a Magory which casts it cell a little Cull in the very Heart or Pith of the Gerny which Busile better Radinence of the Bruech,

Leaves, and Fruit.
The Branch thus deftroy'd, or at leaft, its Vegetation oblirateds, the Sap that was to nourish it, is diverted into the remaining Parts of the Bud, which are only the Scaly Treguments; and which by this means grow large and flour-ifising, and become a Covering to the Infect Cate, as before they were to the tender Branch, &c. The Cafe lying with-

thus: The parent Infect, with its fliff feraceous Tail, tere-brates the Rib of the Leaf, when tender, and makes way for its Eggs into the very Fith, or Heart thereof; emitting along with it a proper Juice to pervert the regular Vege-

From this Wound rifes a finall Exercicence; which, when the Maggot is hatch'd, increases, and swells on each Side the Leaf, between the two Membranes; extending it self into the parenchymous Parts thereof: till it be grown as big as two Grains of Wheat. In this Cafe lies a fmall white,

rough Maggot; which turns to an Aurelia, and afterwards to an Jehnemon Fly. Galls, or Meppe Galls, are a particular kind of ve-gerable Tumors, or Excretenees; used in Dying, making

Thefe Galls are produced on the hardest Species of Oak, called Rosure, from the Latin Robur. Those on other Oaks are lefs fit for the Purpotes. They are hard as Shells; and yet are no other than the Cases of Infects, which are bred in them after the manuer above deferibed; and which,

bed in them after the manner above deficiteds and which, when come on Manniry, gaze which Way out. Which is offer the Manniry, the Mann

White, for Linnens. Tis the Black, and Green, that are used in the making of lnk. Sec Issa. The English and Dute's import yearly from Aleppo, ten thousand Quintais of Galli, The Turks have likewise a kind of raddy Gall, of the Size of a similal total; which they mix with Cochinect, and Tartar, to dye in Scarler withal. See

DIVISIO.

GAMBEZON, GAMBESO, or GAMBA, in the antient Military Language, was a kind of Cost, or Doublet, wore under the Currist, to muke it fact early, and prevent its hurting the Body. It was made of Wood, or Cotton, quilted between two Stuffs; and was likewife called Commerce-Point. Others define the Gambiello a kind of foit, quisted Wisland, wor out of the Cost of Mall, and hanging down over the Cost of Mall, and hanging down over the Thighs.

Pettora tot Coriis, tot Gambefonibus ornant.

-Ego Johannes Becondo Testamentum - Je done m'alme a Dieo & mon Corps a enfeveli al Abby de Kirkstede en le Chapel St. Maurice, oue mon meleur Chical pris de ad Marks, mon Haubers de Guerre, mes Choncons, mes Couver-Marki, mon Hausert as cuserre, mis Countons, mis Countons turns to Fir, mon Gambeyon, ma Targe, et som two Harneys de Guerre q' a mon Corps appent, Sc.

The Word is form d of the German Wambon, or Saxon Wambos, the Belly 4 guaft Wambosfium, a Covering of the Belly and Breath.

Belly and Breatt.

GAME, PLAY, LUDUS, a regular Diversion; or a Sport
preferibed, and limited by Rules. See Gamino.

Games may be diffinguish'd into those of Exercife, and
Addreft; and those, of Chance, or Hazard. See Exercise,

and HARAED.

and HATARD.

To the first, belong Tennis, Billiards, Cless, Bowls, Cudgels, Wresting, Sposis, Shooting with Bows, &c. See TERNIS, BILLIARDS, &c.

To this also belong d the antient Jousts and Tournaments.

See JOUST, and TODENAMENTS.
Under the feond, come Cards, and Dice, &c.
CARDS, DICE, &C.
Lindson, Co. 1.

Canns, Dier, § C.

Under Cards, applin, come feveral fabeddints Gamers, the principal whereof are, Oudre, Virgueri, Bullst, Wild, & C. & Co. Conans, and Prequert.

Games, Lud, is the Farni, were Steven, or publish Repredentations, used among the Antents, on Religious, Francistry, and other following October, Religious, Francistry, and other following Conference on Compute, Parties, Compute, Parties, Compute, Parties, Compute, Cardiner, See Charles, See Charles, Service, and Francistry, and Francistry, and Francistry, and Parties and Compute, Parties and P

Janaparto, and Jiviuanan.
Annong the Roman; there were three Soris of Gamer's Soried, Honorary, and Ledderway: And Adplaint otheres.
Soried, Honorary, and Ledderway: And Adplaint otheres.
Honorary, and Ledderway: And Adplaint other Control of the Control of Ledderway of the Control of Ledderway of the Control of Ledderway (Ledderway).

German, Paris Advantage, Adpointment, Magazine man, and Ledderway of L

GAM

mani, or Consulates, or Circenses, Capitolini, Seculares, Ple-bes, Compitalisti, Augustales, Palasini, Votivi. Sec each ben, Compitalitii, A

acidibed in in Visco.

To this Chân way libe refer'd thofe, celebrated in Memory of Some Illustrious Perfon, or Adions, as the Lindi Norrelation and Little, co. See Acrara, See. Canab., Perfording and Adian, as the Lindi Norrelation and Adian, co. See Acrara, See. Canab., which is was condead, that the Publick Gauer though be embercated, and until with the Worling of the Gods, as I hat thereof, and accordingly, beain, Surfaces, and Gauer whole, of the external Worling, or Service, offerd to the Deiting of the Romans. See Flaver, Securities, Sec. The Honourge Somer, Loud Honoury, user choice can be also the Company of the Company

grating the Fulpe, or ingratiate themselves with them, to make way for their oan Preferment. Such were the Combate of Giodistors, Scenic Games, Progedies, Comedies, and other Theatical and Amphibeatrical Sports. See Glaniators, Scenic, Transary, Comeny, Sc.

The Ladictors Games were of the fame Kind with the

The Ludicous Games were of the fine Kind with the Games of Esercities and Hassard smongs as Such were the Ludius Tripiums, or Byrthems the Tripium, and Trial, Street, Daniel Tripiums, Daniel Tripium, Tripium, Daniel Tripium, Tri

CC CIRCHNSES.

The freend were called Agenales, or Gymniel; being Combats of Men, or Beaths, in the Amphitheares, dedicated to Mars and Minerus. See Amphitheares, dedicated to Mars and Minerus. See Amphitheares, The laft, called Scenici, Poetici, and Mulei, were Tragedies, Comedies, Balh, &c. represented on the Theatres, larred to Vinus, Bacchui, Apello, and Minerus. See

THEATRE, &c.

Homer gives us a fine Description of the Games which debilles inflituted at the Funeral of his Friend Passectar. in his Ilias; and others of the different Games held among the Pheaci, Ishacans, and at the Court of Alcinous, in his Odyffee. Virgil's Description of the Games celebrated by Eneas, at the Funeral of old Auchifes, is nothing inferior

GAME is also need for all kinds of wild Beasts and Birds, fit for eating; and which are sought after on that account.

Game includes Wild Beafls of Venery, and Chafe; and also Beafls and Fowls of Warren. See Venery, Chase, and Warren.

Some Authors divide Game into Large; which includes Red, and Fallow Deer: And Small; to which belong Hares, Rabbets, Pheafants, and Partridges.

Sted, and Fallow Decr: And Small; to which belong Hares, Rabbett, Pheafants, and Partridges.

A Foreft is a Place for apart for the preferring, feeding, breeding, gir. of all forts of Game; and conflits of divers Things, viz. Soil, Covert, Laws, Courts, Judges, Officers, Game, Bounds. A Chafe differs from a Foreit, in this, among other Things, that it has not fach Variety of Game.

See FOREST, &c. Ways of catching Game, are by Hunting, Hawking, Four-ing, &c. See Hunting, Chasino, Hawking, &c.

Laws for the Prefervation of the GAME.

There are abundance of Laws made for the Security and

There are abundance of Laws made for the Security and Perfectivation of the Gines: The Foorth Law of King Gam-tin, and the Charta de Forelio of King Henry III, we have elicheme mentioned. See Foat 12st, and Charta Aci (1988) and Charta and Charta and Charta Aci (1988) and Charta and Laws and Charta Aci (1988) and Charta and Laws and Charta and Hard Sand, and Charta and Charta and Charta (1988) and Charta and Charta and Charta and Charta (1988) and Charta and Charta and Charta and Charta (1988) and Charta and Charta and Charta and Charta (1988) and Charta and Charta and Charta and Charta (1988) and Charta and Charta and Charta and Charta (1988) and Charta and Charta (1988) and Charta (19 d the Profecutor .- None, under the Degree of a Baron, and the Projection.—None, under the Degree of a Haron, finall shoot with any Hand-gun, within a City, or Town; or shoot at any Fowl whatever with Hail-shot; on the same Forfeiture. Id. Stat.

forekitere. 14. atar.

Any Perfon fiscoting in the Night-time, or difguiled, fhall
be deem'd a Felon, if he deny; if he confess, he is fineable
at the next General Sessions. 1 Hear. 7.

Note shall kill or take l'headants or Partridges, with any

at the next General Seffions,

Net, or Engine, in the Night-time; on Forfeiture of 20 5. for every Pheafant; and 10 5. for every Partridge. 33 Eliz.

None shall bank of hunt with Spaniels in standing Com, or before it be shock'd, unled on his own Ground; on the Pe-

nalty of 40 s. half to the King; and the other Half to this oprietor of the Ground. He that is convicted of killing or taking a Pheafant, Par-

tridge, Duck, Heron, Hare, or other Game; or of raking and deftroying the Eggs of Swans, Pheafans, or Partridges, finall pay so i for every fuch Fowl, Hare, &c. to the use of the Poor. I Jac. 1.

in an lay to f. set every unex room, harris, e.e. or the use of Every Perion convolled to have keep a freybound, Dec. New, to bill, or take Deer, Here, frendran, or harridge, and the convolled to have keep a first payment of an Efficiency of the the Son of a Knight, or life apparent of an Efficiency of the the Son of a Knight, or life apparent of an Efficiency on the the Son of a Knight, or life apparent of an Efficiency on pain of an I. H. Sant.

The Land of a Hama, or one sharing laboratone of a 1.

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The Land of a Hama, or one sharing laboratone of a 1.

No Laysonn, who hash not Lands of 4 as 5 per Annual from Carls, who had not con Laboratone, final latery and the control of the state of the state

Deer, names, comes, or other contenuant came; a pro-of a Years furpriferament. 19 feet. 1.

They that kill and take away Red, or Fallow Deer, with-out Confent of the Owner, finall forfeit 20 ft to be taken by Diffreds, one half to the Owner, and the other to the In-former; or for Want of fach Diffreds futter a Years Impriformer; or to wante.

formers, 13 Car. 2.

Lords of Manors, or other Royalties, not under the De-

Lords of Masors, or other Royalites, not under the De-gree of Equire, may committing one or more foams-keepers, who may feize all Gans, Dogs, Bons, U.c. of Perions nor having Effacts of 1.0.1 for John. Frecheld, or 1.9.1, per Jan. Leafchold; or are not Sons and Heirs of Equires; and defirto, or convert fach Gans, U.c. to the Ulo of the Lord. 22 Car. 2

Lord. 22 def. 2.
If any enter a Concy-warren, the not included, and chafter kill Conics, he final forfeit reble Damages, and be impelied the conics. Whother And they that kill Conics in the Night time upon the Beeders of Warrens, or Grounds used for keeping Conics, shall be amerced at the Distretion of the Justice of Feece, in any Sum not exceeding 10 to 15.

He who unlawfully hunts, takes in Toyles, kills, or takes away any Deer, in any Forell, Chafe, Fark, Parilleu, or other inclofed Ground; or fhail be aiding and affilting therein, fhall forfeit 30 k for every Deer killed, taken, or even wounded; and act kthe none fhail be wounded or taken in the control of the country of To be levied by Diffress. 3 Will. and Mar. And if the Keeper of a Forest, Se. be an Offender herein, or be aiding thereto, he shall forfeit 50 L. 5 Georg. Levied as above-in case any Hare, Partridge, Pheasans, Fish, Fowl, or other Game shall be found in any Offender's House, he shall

ouer wave unit to count in any Unicader a Houte, he final inferier a Sam nor lefs than 7s. nor more then so, to be levied by Diffreds, or in Want thereof be committed to the House of Correction for a face of Timo not greater than a Mouth; sor lefs than 10 Days. And if any Perfon, nor gualified by Law, final keope or die any House, Crysbounds, Setting Dogs, Ferrets, Tumblers, Snares, Se. he shall be subject to the time Penalties.

fabject to the time Penatties. If any Higher, Chapman, Carrier, Inakeeper or Victualler fhall have in his keeping any Hare, Phealant, Partridge, Heath Game, or Growe, not per in his Hands by a Person qualified by Law, he fhall foreity f. for every fach Hare, &c. half to the Informer, and half to the Poor, levied by Distress; or for want thereof be fent to the House of Cor-

roftson for three Months. 5 Anne.

rection for three Months. 5_dmme.
Perfuns not qualified keeping Greyhounds, Lurchers, Setting Dogs, or Engines to deitroy Game; and Game. keepers who under colour of Office kill and fell Game, without the Mafters Knowledge, are liable to the like Penalty. Id. Star. institute Knowledge, are hape to the nee Februay. 16. 36ar.

No Lord of a Manor to appoint more than one Genekerfers, and his Name to be enter'd with the Clerk of the
Fester, who is to give a Certificate thereof, otherwise he is
liable to the Penalities against Highers. 5. 26mes.

If any Hare, Theathing, 26. be found in the Pedicilion of
If any Hare, Theathing, 26. be found in the Pedicilion of

If any Hare, Pacalini, Ge. he faund in the Pottifician of a Perion ton quisible of we chettled to it by some Perion that it qualified; the fame that it be adjuded as it profiler; it to take Perion than the Night, final limit to take Perion to take. Perion developing a Hare in the Night, final limit of No. Lord of a Manne fall appoint a Game-keeler, with No. Lord of a Manne fall appoint a Game-keeler, with Tower to Mill or delivery Game, which he be raryl a Section of fisch Lord; or be immediately complyed to tall Gaze for the fact the of fisch Lord; No. Fisch may Lord substitute a Verfen noe qualified to be grow of West and you have been a substitute of the No. 10 feet for the No. 10 feet for expert Offices of forties; 1, 2 Get of the Polesia. Gaze for expert Offices forties; 1, 2 Get of the Polesia. Gaze for expert Offices forties; 1, 2 Get of the Polesia. Gaze for expert Offices forties; 1, 2 Get of the Polesia. Gaze for expert Offices forties; 1, 2 Get of the Polesia. Gaze for expert Offices forties; 1, 2 Get of the Polesia. Gaze for expert Offices forties; 1, 2 Get of the Polesia. Gaze for expert Offices forties; 1, 2 Get of the Polesia. Gaze for expert Offices forties; 1, 2 Get of the Polesia. Gaze forties; 1, 2 Get of the Polesia. Gaze forties; 1, 2 Get of the Polesia. Gaze forties the forties; 1, 2 Get of the Polesia. Gaze forties; 1, 2 Get of the Polesia fort Et. And fuch Perfons as fhall be found outcoming in coince of their Points, shall for every Offices of freis; if z gGes. Lathy, if any Perfon enter a Park, Faddock, or other in-clofed Ground, where Deer are ulusily kept, and wilfully wound or kill any Red, or Fallow Deep, he find he trans-ported to the Plantations for feven Years. § George GAME-

GAMELIA, Nuptial Feafls, held among the Antient Greeks, in the Month Gamelion. Greeks, in the Mooth Gaussien.

They were thus called from pulse, Marriage, whence They were thus called from pulse, Marriage, whence Youn, confiderd as presiding over Marriage.

GAMELION, or GAMELION, is a Youn, or Composition in Verfa, on the Subject of a Marriage, more usually GAMING, the Art, or Aid of performing, or practing a Game; purificiality a Game of Hazard. See Game, and In public Game is forcing published; and what Monthly or the Composition of the Com

ny is thus loft, is recoverable again by Law. See Law. In Chien, Gaming is equally prohibited the common Role, and the Mandarins, and yet this does not hinder their Playing, and frequently lofing all they have, their Lands, Houfe, Ghildren, and even Wife, which are all fometimes,

laid on a fingle Card. F. le Comte.

The Bufincis of Chance, or Hazard, is of Mathematical

The Basincis of Clance, or Hazatd, is of Mathematical Confideration; insufruch as it admits more, and lefs. It is, or is supposed to be, an Equality of Chance; upon which the Gamelters fet out: This Equality is to be broke in upon in the Course of the Game by the greater good Fortune, or Adress of one of the Parties; upon which he comes to have a better Chance; so that his Share in the Decomes to have a better Chance; so that his Share in the Decomes to have a better Chance; so that his Share in the Decomes to have a better Chance; so comes to here a better Chime; a forther his Mare in the Dresit, or Stacks, at sow propertions, who were observe than opening, or Stacks, as sow propertions where the here in the state of the state of

CHANCE. Hence fev Hence feveral Authors have computed the Variety of the Chance in feveral Cafes and Circumfances that occur in Gaming 1 particularly M. de Moivre, in a Treatife, De Menfara Sertis: Which, as it may either be of fervice to neugara sortis: which, as it may enter to or retrieve mo the practical Gamelers, or the Better, in reaching them on what Side the Advantage lies; and whether they may lay on the fquare; or to the fleeculative one, in letting him in-to the way of thinking and determining in fach cates, we fhall here give the Reader an Abitract thereof.

Laws of Chance applied to Gamino.

Suppole \hat{p} the Number of Cufes wherein an Brent may happen, and \hat{q} the Number of Cufes wherein it may set happen, but Sofes, the consignant and non-consignation, and the support of the support

will be $\frac{f}{f+g}$; and that of B $\frac{g}{f+g}$; confequently if A or B fell their Expedances, they should have for them

and ____ respectively.

If there is two independent Events 3 and ρ be the Number of to Cafe wherein the first may happen; and q be Number of the observed it may not appen; and q the Number of the observed it may not happen; and q the Number of the observed it may not happen; and q the Number of the observed it may not happen; and q the Number of the observed it may not happen; and q the Number of Cafe wherein the Contingency or many q to q the q the q to q the q

Prob. 1. If A and B play with a fingle Die, on this condition, that if A three two or more Aces at eight Throwt, he shall win; otherwise B shall win: What is the Ratio of their Chances?

Sol. Since there is but one Cafe wherein an Ace may turn up and 5 wherein it may not; let a=1, and b=5. And again, fince there are eight Throws of the Dic, let n=8; and you will have a b = b - n a b - to b - n a b - t. That is, The Chance of A, will be to that of B, as 663992, 10 1015625 4 or nearly as 2, 10 3.

Prob. II. A and B are engaged at fingle Quoits, and after ploying from Time, A count 4 of being up, and E, 6.5 but B is formed the better Gamefler, that big Chance equinft A upon a fingle Three, would be at 3 to 2. What is the Ratio of their Chances?

And nake all the Terms wherein a has 4 or more Limen-flons, for A; and all those wherein it has 6 or more, for B; And the Ratio of the Chances will be as a²⁻¹; 9 a²b + 5 ar bb + 3 ar a²b + 1-5 a²b + 1-5 a²b + 5 ar a²b + 5 ar a²b + 1-5 ar a²b +

Prob. III. A and B are to play with fingle Quoits; and A is the helf Gamester; so that he can give B, 2 in 3; What is the Ratio of their Chances, then, in a single Throw !

Set. Suppose the Chances as a to r; and raife a-| r to in Cabe; it will be a'-| 4:as-|-4-|-4-|-|. Now fince A could give Be as if a fig. 3. A might undertake to win three Throws running; and confequently the Chances in this Case will be as no g; and -|-3-|-|-|. Or, -|-3-|-|-|. Or, -|-3-|-|-|. Or, -|-3-|-|-|. Or, -|-3-|-|-|. Or, -|-3-|-|-|. Or, -|-3-|-|-|-|. Or, -|-3-|-|-|-|. Or, -|-3-|-|-|-|. Or, -|-3-|-|-|-|-|. 22'=2'-322-32-1-1. And therefore 2 v 2=2-1; and confequently z= /2-1. The Chances therefore are /2-1 and a respectively.

Prob. IV. To find at how many Trials it is probable any Event will happen; so that A and B may lay a Wagor upon even Terms.

So. Let the Number of Cases, wherein the thing may happen at the first Trial, be a, those wherein it may not be and at the Number of Trials, wherein it is an even Chance, whether the Thing happen or not. By what is above fixed the control of the case of the a-b = b = b : Or, a-b = 2 b . Therefore, x = Log. 2. $L_{\overline{g}, 2}$. Again, refame the Equation $\overline{a+b}|^x = 2b^x$, and let a:b:x:q, and the Equation will change into this $x + \frac{1}{q} = 2$. Raife $x + \frac{1}{q}$ to the Power of x, by Sir J. Neveron's Theorem, and let $1 + \frac{x}{q} + \frac{x}{z} \times \frac{x}{z}$

æ 3000 ac 3 the Equation above will be 1 + - + - - , &c. =2.

Again, let = z, and we shall have z | z | z | z z | z z z |

Us. =2. But $i + s + \frac{1}{2}ss + \frac{1}{2}s^2$, &c. Us. is a Number whose hyperbolical Logarith. is s_i consequently s = Log. s. But the hyperbolical Logarithm of s_i is t_i very nearly; and Hence where g is f, then g is f then g is f then g is f.

Hence where g is f, then g is f to g is g is g.

nearly. Examp. 1. To find in bow many Throws A may under-take to throw two Aces with two Dice?

Sol. Since A has but one Cafe wherein he may throw two Aces with two Dice; and 55 wherein he may not, q=35: Therefore multiply 35 by .7; the Product 24, 5, flows that the Number of Throws required its between 24 and 25.

Lam. To find the Number of Cafes, wherein any given Number of Points may be thrown with a given Number

of Dice? SM. Let p-1-1 be the given Number of Points; s the Number of Dice; and f the Number of Sides or Faces of each Dic: Let p-f-q, q-f-r, r-f-t, s-f-t, 8cc. The Number of Cates required will be,

$$+\frac{p}{s} \times \frac{p-s}{2} \times \frac{p-s}{3}$$
, Es.

Which Series is to be continued, till fome of the Factors either become equal to nothing, or negative. And note, fo many Factors of the feveral Products - x - x 3 there are Units in #-r.

Prax. Suppose the Number of Cases required wherein 16 Points may be thrown with four Dice? + 4 × 4 × 4 = 455

Now, 455 - 336 -1-6 = 125; fo that 125 is the Number required. Examp. 2. To find at bow many Cafts A may undertake

to throw 15 Points with fix Dice ? Sil. Since A has 1666 Cafes, wherein he may turn up 15 Points, and 44990 against him; divide 44990 by 1666 1984 the Quotient ay will be = 9. Therefore, multiply 21 yi, the Product 18, 9 forws the Number of Throws required to be nearly 19.

Prob. V. To find the Number of Trials wherein it is probable any Event may happen twice; h that A and B may lay a Wager thereon with an equal Chance?

Sol. Suppose the Number of Cases wherein the Event may happen the first Triat, to be a; and those wherein it may not, b; and call the Number of Triats required, a: It appears from what is above shown, that a + b = 2 bs

+ 2axb2-1. Or, making a : b :: 1 : q, 1+ 1 = : 1º Let q=1, and then x=3. 20 Let q be infinite, and s will also be infinite: Suppose a infinite, and - = z, and then + + + + + + * * + + * *, Se. = + + 2 = ; and therefore z=Log. 2 + Log. 1-2: If then Log. 2 be called 9; the Equation will be transform'd into the follow-

ing fluctional onc--= y. And investigating the Va-1---lac of α by the Powers of g, we shall find $\alpha = 1.678$, nearly; and therefore α will always be between the Limits g and 1.678 g; but a will foon converge to 1.678 g; and therefore if g have not a very final Ratio to 1, we may take $\alpha = 1.678$ g. Or if there be any Sufficient of α being too small,

fubflitute its Value in the Equation 1-|--

Inditinate its value in the Equation 1-1-1 = 2-1-3 and note the Error, if it be worth regarding! Thus will a be a little increated; fabriture the thus increased Value for a in the forefald Equation, and note the new Error: Thus, from the two Errors, may the Value of a be corrected with fufficient Accuracy.

Here we shall add a Table of Limits, that will carry the Intent of this Problem much further.—— If the Wager be upon happening once, the Number of Trials will be between 1 q and 0.693 q

If upon twice, between 3 q and 5.678 q If upon trice, between 5 q and 2.678 q If upon four times, between 7 q and 3.671 q If upon five times, between 9 q and 4.673 q If upon fix times, between 11 q and 5.668 q

Examp. To find at how many Throws A may undertake to throw three Aces, twice, with three Dice? Sol. Since A has but one Cafe, wherein he may throw

Since A has but one care, wherein he may not a three Aces; and 215, wherein he may not; g=215. Therefore multiply 215 by 1.678. The Product 360, 7 will show the Number of Throws required to be between 360 and 361.

Prob. VI. A, and B deposit each 12 pieces of Money, and play with three Dice, on this footing, that every time

11 Points are thrown, A shall give B one Piece; and every time 14 Points are thrown, B shall give A a Piece; and that he shall win the whole, that first gets all the Money in his Hands: We demand the Ratio of the Chances of A so that of B.

Set. Let ϕ be the Number of Pieces each feverally takes; and a and b the Number of Cafes wherein A and B may respectively gain each a piece; the Ratio of their Chances will be as a to b?: In this cafe, $p=x_1$, $q=x_2$, $p=x_3$, $a=x_3$, $b=x_3$; or if when $a>x_3$, $x_3>x_4$, x_3 5", or as 244140625 to 282429536481.

NB. Great Care must be taken to avoid the confounding of different Problems together, from fome Appearance of Affinity between them. The following one forms very like the former.

Prob. VII. C baving 24 Pieces, or Counters, throws three Dices and every time 27 Points turn up, gived one Counter to A1 and every time 12 turn up, gived one to B1 and A and B suppose on this feating, that be who first gets 12 Counters, food win the Stake: We require the Ratio of their Expectaments?

This Problem differs from the preceding one, in that the Game must necessarily end in a 3 Throws; whereas, in the former, it might hold out to Eternity, by reason of the Reciprocations of LoS and Gain, which destroy one another.

Sol. Raife a+b to the 23' Power, and the 12 former Terms will be to the 12 latter as the Expectancy of A to that of B.

Prob. VIII. Three Gameflers, A B and C, howe each rewive Balli, a of them wither, and 8 black, and being bookening, A play on this condition, that the first were chastles a white Ball, Ball win the Stake, and that A Ball howe the first Colore, them B, then C, and so round again; What, then, is the Ratio of the Chances of A, B, C?

Sol. Let n be the Number of Balls, a the Number of white ones, b of black ones, and n the Stake. Here 1° A, has the Cafes a, wherein he may chuse a white Ball; and the Cafes been a black one: Confequently, his

4 Expectancy, from the first Choice, is ----, or --. Wherefore, fubtracting $\frac{a}{-}$ from r; the Value of the remaining

Expediancies will be r -- = -2° B, has the Cafea a for a white, and the Cafea b—r. for a black one; but the first Election is in A; and 'tis uncertain, whether or no he may have wen the Stake, and therefore the Stake, in refriect of B, is not 1, but only

, fo that his Expectancy from the first Choice is a-1-b-1 . Subtract ____ from - and the Va-

× # -- 1 exe-r 22 nb-b-0b lue of remaining Expectancies will be -

3° C, has the Cases a for a white; f the Cases b-2 for a black one; and therefore his Expectancy from the third Choice is $\frac{a \times b \times b - 1}{a \times n - 1 \times n - 2}$.

4° After the like manner, A has the Cafes a for a white,

and b-3 for a black; fo that at the fourth Choice, the Ex $a \times b \times b - 1 \times b - 2$. And so of the reft. poctancy will be axpar 1xn-1xn-2xn-3

6 Write down, therefore, the Series $\frac{a}{-}$ \downarrow $\frac{b}{n-1}$ $\frac{b-1}{n-1}$ $\frac{b-1}{n-2}$ $\frac{b-3}{n-2}$ $\frac{b}{n-2}$ $\frac{b}{n-2}$

diates, beginning from -, will be the whole Expectancy of A; the Sum likewife of all the third Terms, commenc-

ing from P, will be the whole Expectaggy of B; and the Sum of the Thirds, commencing from - Q. tho

whole Expectancy of C.

EXE-1

Laftly, making a=4, b=8, $s=r\dot{s}$; and the General Series will change into the following one $v_1^2+v_1^2P+v_2^2Q+\frac{1}{2}R+\frac{1}{2}S+\frac{1}{2}T+\frac{1}{2}P+\frac{1}{2}Z+\frac{1}{2}T+\frac{1}{2}Z+\frac{1}{2}Z$

Or into this other (by multiplying all the Terms by some common Number judg'd most expedient for the throwing out of Fractions, was in the present Case, by 495)

165-120-84-56-35-20-10-4-1 And therefore A will have 165 + 56 + 10=231; B will have 120+35+4=159; and C will have 84+20+1=165. So that their feweral Expectancies will be as 231, 159. 105; or 25 77, 53, 35.

Prob. IX. A and B baving 12 Counters, four of them white, and eight black; A magers with B, that toking out fouch Counters, blindfold, three of them faelt be white: What is the Radio of their Expectancies?

Sol. 10 Seek how many Cafes there is for feven Counters, to be taken out of ra; they will be found from the Doctrine of Combinations, to be 792.

** × ** × ** × * * * * * * * * * = 792.

2º Set afide three white ones, and find all the Cafes wherein 4 of the eight black ones may be combined therewith; they will be found to be 70.

* x 2 x 4 x 4 = 70.

And fince there are four Cases, in which three white may be taken out of four; multiply 70 by 4: Thus, the Cases, wherein 3 Whites may come out with 4 Blacks, are found 30 By the common Laws of Gaming, he is reputed Con-

queror, who produces an Effe.Q offener than he undertook to do, unleft the Contrary be exprefly agreed on a and therefore, if A take out 4 Whites with 3 Blacks, he wins. Set afte 4 Whites, then, and find all the Cafes wherein 3 of the 8 Blacks was be combined with four Whites: Thefe Cafes will appear to be 56.

5 × 3 × 5 == 56

4° A, therefore, has 28c-1 (6=336 Cafes, wherein he may win; which fubracked from the whole Namber of Cates 793, leaves 436 the Number of Ca's wherein he may lofe. The Ratio of the Chance of A, therefore, to that of

lole. The Ratio of the cleance of A, therefore, to tent of B, it at 356 to 445; of al 14, to 18. rich, we mail do-fit from further investigation, which in the following Pro-blems grow very long, and more perplexid. In the reli, therefore, we final incinct outlettees to give the Antiver, or Refult, without the Process of serving are it; which may be of use, as it furtifies to many Dats, from whence, as Standards, we may be enabled occasionally to judge of the Probability of Events of the like Kinds: The, without let-ting the Mind into the precise Manner, and Reason thereof.

Prob. X. A and B play with two Dice on this Condi-tion, that A flatl wim, if he throw fix 1 and B, if he throw force: At home the first Throw, in lieu of value B to home two Throw; and both to continue with two Throws each turn, till one of them went: What it the Ratio of the Chome of A to that of B?

Ans. As 10355 to 12276.

spab, N. I. If any Nomber of Genefiers, A. S. C. D. S. Co. epost in pient of Descripts, Applit sale beat piece of Money, and engage on tiefe Conditions, that row of Irbm, A and R, segment the General control of the Applitude over of them Hail be convenue, that it is place to the Conjumer beer, the factor who by the fourth Man, D, and thus any still from one, howing conquery them all reach, dwares the States What it the Red of their Expellancies?

Hence it is easy to determine the State of the Probabilities of any two Gamediens, either before the Game, or in the state of the State of the Gamediens, A. R. C., then me 2 and fal-six state of Gamediens, A. R. C., then me 2 and fal-six state of columning, before A. Parke everouse Probabilities of entirely, before the Probabilities of entirely, before the State everouse Prof. R. G. or are at the Number 5, 3, 4, 4 and therefore their Expediencies are \(\frac{1}{2}, \f

A bas overcome B, the Probabilities of A, B and C will be \$, \$, \$, \$, as in the Answer above. If there be four Game-flers, A B C D, their Probabilities from the Beginning will be as 81, 81, 72, 64. After A has beat B, the Greral Probabilities of B D C A, will be as 25, 32, 36, 56, re-fpeciliesty. After A has beat B and C, the Probabilities of C B D A will be as 16, 18, 28, 87.—

Prek. XII. Tree Geneflers, A. B. and C., which Draw, ratio are exped, height each one Piece, and engage apar they Berra. That was of them, Bull berra of pine, and that the compatible Burry find your place and that the compatible Burry find your place that the finese Continue to go reads, and berrie outcomposited, forciting a certain Sam to the same compatible, forciting a certain Sam to the same beaut the other was found from the same that the very some forcilities, the chance of A and B bester or carrie, than that of C.

Ans. 10 If the Porfeiture be to the Sum each Person first deposited, as 7 to 6, the Gamesters are upon an equal fooring. 2° If the Forfeiture be in a lefs Ratio to the Defooming. ** If the Forfeiture be in a lets Ratio to the De-poits, A and B are on a better footing than C: If in a greater Ratio, the Advantage is on the Side of C. \$ As ter A has overcome B once, the Probabilities are as \$ 5, \$, \$ 5 or as 4, 2, 1; viz. that of A the greateft, and of B the

M. Bernoulli gives an analytical Solution of the fame Problem, only made more general; as not being confined to three Gamesters, but extending to any Number at plea-

Prob. XIII. A and B, two Gamesters of equal Dexte-rity, play with a given Number of Balls; and after some time A wants 1 of being up, and B, 3: What is the Ratio of their Chances ?

Ans. A's Expediency is worth 2 of the Stake, and B's only 4; fo that their Chances are as 7 to 1.

Prib. XIV. Two Gasselfert, A and B, of equal Decer-rity, are engaged in play, as this Condition, that at Office on A exceed B, the plad for the more Price of five on the Accessed B, the plad for the more Price of east him; and that they field not leave off, till we have on all the whey' Many: Extre one having from Prices; two Byfunders, R and S, log a music on the Number of Turn, in which the Game field the Building via R, that is find the wore in vo Turns. What is the Though of the Supelland

Anf. vist or as of the Wager; or it is to that of R as

566 to 464.—
If each Player had 5 Pieces, and the Wiger were, that
If each Player had 5 Pieces, and the Dexterity of A
were double that of B; the Expectancy of S would be

if each Gametter have 4 Pieces; and the Ratio of the Dexterities be required to make it an even Wager that the Game shall end in 4 Turns: It will be found that the one must be to the other as 5.274 to 1.

If each Gametter have 4 Pieces, and the Ratio of their Dexterities be required to make it an even Lay that the Game shall be ended in 6 Turns; the Answer will be found to be, as 2.576 to 1.

Prob. XV. Two Gamessers, A and B, of equal Dexterity, being agreed not to leave off playing till ten Gamet are over; a Speciator, R, lays a Wager with another, S, that by that time, or before, A bhall base beat B by three Gamet: What is the Value of the Expediency of R?

Auf. 157 of the Wager; or it is to that of S as 352 to

SAMM, CAMPER, CAMPER, OF CAMPER, IN Males, Social, whereom we learn to found the Malesial North, Are, no. 16, 86, 16, 16 their feweral Orders, and Diffoulties.

The Invention of this Scale is owing to Gritice Profession.

The Invention of this Scale is owing to Gritice Profession.

The Camper is a focal of the Difference of the Difference of the Company of the Com

fon Guide first made use of the Figure of the Hand, to arrange his No

Finding the Greek Disgramma of too fmall Extent, Guide Fining the Crown Disgramma to to Instal. Actually Grasse added five more Chords, or Notes to it: One, below the Prollambanouments, or gravell Note of the Antientas; and four, above the Note, or Acuteli. The first, he call'd Hypo-prollambanouments; and cleared it by the Letter G, or stather the Greek T, Gamma: Which Note being at the head of the Scale, occasion'd the whole Scale to be call'd by the Progress of the Discase, the Part dishis a fetid, discolour'd barbarous Name Gamma, or Gamman. Water; and emits a cadaverous Smell.

Some fay, Guido's Intention in calling his first Note T, Gamm, was to fluew, that the Greeks were the Inventors of Musick: Others, that he meant hereby to record himfelf;

Mufick: Others, that he meant acreey to recon mines, this being the first Letter of his own Name.—
Guido's Scale is divided into three Series, or Columns; the first call'd Molle, or flat; the second Natural; and the third Downm, or Sharp, as represented in the Scheme, Tob. Mufick, Fig. 3. But fince his Time, some Alterations have fick, Fig. 3. But been made there:

Deen made more.

The Use of this Scale, is to make the Passages, and Transitions from B Molle, to B Duram, by means of the Tones and Semitones. The Series of B Natural standing betwixt the other two, communicates with both; fo that to name the Chords of the Scale by these Syllables, if we would have the Semitones in their natural Places, wizwould have the Seminones in their natural Places, sur-ble and σf_i , then we apply at or σg_i and after I are up into the Series of B natural at f_{Bi} and after I so of this, we ex-ture to the former at mi_i , and on on C to, we may begin at si in c_i and pais into the first Series at mi_i and then back to the other at f_{Bi} . By which means the one Transition is a Seminone, vis. Ist, f_{Di} and the other A Tone, f_{Bi} , mi_i . To follow the Order of B Molle, we may begin with as I inc, or f, and make Transitions after the same manner. See Tone, and SEMITONE.

Hence came the barbarous Names of Gammut, Are, Bmi, c. But what a perplex'd Work is here, with fo many different Syllables applied to every Chord; and all to m rk
the Places of the Semirones, which the fimple Letters a
b c &c. do as well, and with more Eafe?

Several Alterations have fince been made in the Gamur. M. le Maire, particularly, has added a Eventh Note, ciz f.; and the English usually throw our both at and fi, and make the other five ferve for all : As will be flewn under the Article Soz-FA-ING.

Gamm, Gamma, or Gammur, is also the first, or gravest Note in the modern Scale of Musie; the Reason whereof

assue at the moutern Scale of Mutte; the Reason whereof is shewn under the preceding Article.—
GANG, in the Sea Language: To man a Boat, is call'd to put a Gang of Men (which is a Company) into her:
They are commonly called the Confusion's Gang, who has the Charge of her.

The Charge of her.

Gano-say, fignifies all the feveral Entrances, Waya, or Paffagea, from one Part of the Ship to the other; and what-feever is put in one of these Paffages, is said to be laid, or put in the Gang-seay. foewer is put in one of these ratinges, is into to be sain, we put in the Game-eney.

GANGLION, or GANGLIUM, in Medicine, a finall, hard, knoth Y Tumor, form? do n the nervous and tendinous Paris, without any difficulting of the Skin, or Scane of Pain. See

without any unconstruction. The Caufe of the Gaughion is a too great Difference of the Part; or the too great Compression, or a Laccaration, thereof: Any of these construction by the too the three fived and retained; and even to exclude, condense, and harden into a Tumor. The same Effect is former than the condense of the Caufe denfe, and harden into a Tumor. The fame Effect is fome-times produced by a Bruife, hard Labour, or the like. Most Authors fix the next Cause of the Ganglion to be a heavy, viscid Pituita.

vikeld Finata.

The Ganglion is formetimes removed, and refolved by mere
dry Friction, long continued; and formetimes by Friction
with Saliva. Some chale to apply a Plate of Lead, anotated
with Mercary: Others ale Gam Ammoniae; or Emplailer
of Vigo, with Mercary. If these don't faceced, Recourse
is had to Section.

is had to Settion.

The Word is Greek, $\gamma 4 \lceil \gamma_{NPS}$, fignifying the fame thing.

The Tamor, when on the Nerves, Tendons, Articalations,
or any of the membranous Paras, retinis lits Name, Gangliest; overy where cife, it is call'd Nobats. See Nonz.

GANGRENE, GANGARAM, in Medicine, is a Mortifaction in its first, or beginning State; while yet the Part

retains form Search of Pain, and a Share of natural Heat: By which this Difcase is diffinguish'd from a Sphatelus, or tho

where the arms ancate is diffinguing from a operation, or though Mortification, where there is no Senie or Warmth left at all. See Montteration, and Spitacetus. The Gangrene is a Dictate in the Fich for the Part, which it corrupts, confumes, and turns black freeafing, and forming tieff of the adjoining Parts. And is rarely cared with-

lig lifelf of the asynthmy a continuent of the circulation of Ampatrion.

It arise from S. Suppage, or Interception of the circulation of the circulation of the circulation of the continuent of the circulation of the continuent of the circulation of the circulation and fighteness places, restling to preferre its Warmith, and Life.

This interception of Circulation, which is the next Caufo the Gangrien, is it felf occulient diverse ways, at, by the circulation of th

or the Gangreite, is it fell occusion of divers ways; 4s, by large Tumors, Erippela's, great Inflammations, violent Cold, tight Bandages or Compressions, fudden Fluxions of some malignant Humor, Bires of venomous Bealts, Fractures, Wounds, and Uncers ill managed, Sec.

It is diffinguished by the Colour of the Flesh, which now more role, do not be the colour of the Flesh, when now the colour of the Flesh, when now the colour of the Flesh, which now the colour of the Flesh, when now the colour of the Flesh, which now the colour of the Flesh now the colour of the Flesh now turns pale, dufky, or liablivid; and by its growing loofe, and flabby of vehemently Tenfe which it was before. In the

Water; and emits a cadaverous Smell.

Upon the firft Seizure, the Skin turns pale, afterwards,
livid; Vefications arife, and the Colour at length changes to
black; the Fiefth becomes fetid, fainosa, and moil it then
withers, and foon becomes infentible: The Heat and Pulfation of the Part being likewife diminified. Shore.

If in a large Wound, the Tumor of the Lips do not sup-

purate, nor any Flux of Matter, or Inflammation arile; it the Lips do not fwell, or after Swelling grow lank and flac-cid again on a fudden: "Tis reckon'd a fare Sign of an approaching Gangrene. See WOUND.

When a Gaugrene proceeds from extreme Cold, the Part affected is fift benumbed, or feir'd with a pricking Pain, fullowed by a Redness, which gradually changes to a Black. Sec Corn.

When a right Bandage is the Caufe, a Flaccidity of the Part is join'd to the Injentibility thereof: When the Scurvy, it often begins in the great Toe, and appears in form of a blackiff Spot, which turns to a dry Cruft, fucceeded by a Srupor of the Part, &fe.—When the Bite of any venomous Creature is the Caule, a continual Fever attends & Pain Is felt in the Part; which usually brings on a Syncope, or Delirium: Publics arife about the Bite, & c. By the Microfcope, the Gaugrene has been discover'd to

in the morbid Flesh; and which continually producing new

in the morbid Fielli, and which continually producing new Broods, they hearm, and over-run the adjacent Parts. To they the Progress of the Gangreur, the Physicians pre-ferble, internally, Soulorficks, and Aloxishamicks, exter-nally, Decodies of Quick-lime, either simple, or with the Addition of Sulphur, Mercurius dulks, and Spirit of Wine camphorated.

In a fewere Stage of the Eilemper, they fearly deep, to the very Quick; and afterwards aprily hor Liquors, Cata-plains, 86. Some recommend Horles Dung, boild in Wine, or Urine. The Unguent Ægyptiacum allo comes into Ue.

nate U'c.

Belight preferibes the following, as the most efficacious Remecky, known for Gaugerese; sws. Quick filver disfolved in double the Quantity of Spirit of Nitre, or Aqua fortils a linea Cloth dipt thereis, and applied to the gaugerouise Petr.. This slote, he affaires u, is fufficient—If the Gingerous be eccasioned in the similar than the production of the control of the state of the Cloth of the C

ed, Beerbave directs as the best Cure.

If the Gangrene proceed to an uter Sphacelation, and be feated in any of the Limbs, or extreme Parts, recourse must be had to the Operation of Amputation. See America.

The Word Gangrana, Gangrene, is derived by fome Au-The Word Georgeman, Gangerens, is derived by Jone Au-tons from the 2-laplageanest George, a. Coast; is the bring time from the 2-laplageanest George, a. Coast; is the bring time our filtings in Face. It is juster, perhaps, to derive it from the Greek Verb geles Segries, manatone, adjimm, I est, I confame: But 'its yet fater, to bring it from the Word 2-laplage in the Segries of the Segries of the Segries of Segries which legislate the time the Word Segries of the Segries of the Segries of the Segries of the Segries made to cover the Arm, or Hands of a Cavaller, when award all, Joints. The Ganutet is of Toney and the Fingers,

plated.

The Cask, and Gauntlets were always bore in the antient Marches in Ceremony. Gauntlets were not introduc'd, till about the 13th Century.

The Gaustlet was frequently thrown, like the Glove, by way of Challenge. See GLOVE, CHALLENGE, CHAMPION,

COMPAT, Sec.
The Word is derived of the French Gautelet 4 and that of

Gand, or Gant, Glove.-GANTLET, in Chirurgery, is a kind of Bandage for the

Hand. "Tis a fort of Swathe, four or five Yards long; where-with they wrap up the Hand, and all the Fingers, one after

amelers. The head occur into Ufe, to expect GAN MMEDE, a Trent head occur into Ufe, to expect GAN MMEDE, a Trent and the Control of Cont

of Office.

Some Iay, that the Jupiter, who ravifit if Ganymele, was Some Iay, that the Jupiter, who ravifit if Ganymele, was Chandlan, King of Petrygia: The Iagle expected the Swifts. De India, L. L. C. 14, &c. And Barrinas, on the Tubutal. L. L. D. 5, 548.—GARBE, in Heraldry, a Representation of a Sheet of Corn, or other Grain 5 genetimes bore in Coart Kerman, or the Month of July 18 as the Banch of Inguily Summer, or the Month of July 18 as the Banch of

rapes does Autumn

of Earon, in Chefbire.

GARBLER of Spices, is an Officer of great Antiquity, in the City of London, who is empower'd to enter any S Ware-house, &c. to view, and learth Drugs, &c. an garble and cleanfo them.

garbie and cleasale them.

GARBLES, the Duft, Soil, or Uncleanacis that is fovered from good Spice, Drugs, &c.

GARBLING of Spice, Drugs, &c. is the purifying it from
the Drofs and Duft mix'd therewith; and fevering the good om the bad.

Garmino of Bore Streets, is the forting, or culling out the good from the bad.

The Word may come from the Italian Garbo, Finery, or

GARCON, or, as we pronounce it, Garsoon, a French Term, literally signifying Boy, or a Male Child, any time before his Marriage.—The Halians use Garjone in the same

Sonfie.

"Tenteurs counds, that they satisfully wrote it energy:
"Tenteurs counds, that they satisfully wrote it energy in melting of all the relt, Afteriums since propose leven De-rivations without picking uses any, see the Latin gra-rier, to pratise, the Caulier DN, Stadem, Learner & the way to be a superior of the Caulier DN, Stadem, Learner & the way to be a superior of the Caulier DN, Stadem, Learner & the Waster to the Caulier DN, Stadem, Learner & the way the Caulier DN, Stadem, Learner & the way the Caulier DN, Stadem & Caulier DN, Oracle and the Parisip that he King's Chamber, Wardebo, Get was do the leffer Office shered under the proper Offices, are classed in the Caulier of the Caulier of the Caulier of the Caulier DN, Caulier

called Gorgon de la Chembro, de la Garderoble, Sc. OARD.
OARD.
OARDA,
OARDHAN,
OARDEROBE, Sc. OGRAPHAN.
OARDEROBE, Sc. OGRAPHAN.
OARDEROBE, Sc. OGRAPHAN.
OARDEROBE, Sc. OGRAPHAN.
OGRAPHAN.
Folkinsted, and familified with Valley of Plants, Elowers,
Fruits, Cfs. Scc Oarderware, foo also Orenzan.
Gardens rec distinguish? Sime Divers Garden, print Gardens rec distinguish? Sime Divers Gardens recommended. dent, and Kitchen Gardens: The first for Picafure, and Or-nament; and therefore placed in the most confpicuous Parts: The two latter, for Service; and therefore made in By-places.

See Flower, Fruit, &c.

Soo klowes, rruir, ecc.
In a Garden, the principal Things to be confider'd, are,
the Form, Soil, Sination, and Affect or Expérier.
For the first Polest, the Form: A Square, or rather Oblong, is most eligible, leading from the Middle of the Hosfe,
with a Gravel Walk in the Middle, sarrow Grafs-bendesson

with a Gravel wak in the blotts, marrow Crass-porcess on each bide; and on either Side of their, Rows of Variety of Winter Greens. If the Ground be irregular, it may be made uniform fa as to affixed a Profpect nothing inferior to the most regular, thair Lines will reduce any Figure to Order. A Triangle has its Beauty, as well as a Square; and the most irregular Spots may be brought by Borden, and Walks to thole two Figures

Walks to thole two Figures. Indoed, an Irregularity is eafly hid in a large Garden, by long Walks, and rall Hedges, interrupting a diffant View: And the little Comers, and Triangular Spaces, may be agreeably fill'd up with Borders of Flowers, Dwarf Trees,

Mould is beff for Plunts fandy Land is worm and freward, and good for lowers; schult Land it worm and sold control and pood for lowers; schult Land it could and backward, oppoint Klands. See Sotts, and Concrow.

For the Armatics: If the Grande be two high, it will be export on the Winds, which are highly periodical in Cross and the Control of the Co ther; beside that the Water desending from on high, will supply Fountains, Casades, and other Ornaments of a Garden. See FOUNTAIN, &c.

For the Affect, or Empliere, we have already confider'd what relates thereto, under the Article Empliere: See

Exercises.

Of all things, the Ground, or Soil of the Garden is the molt important. Under this be rich, and ferrile, all the molt important. Under this be rich, and ferrile, all the office of the Soil, found ended to be look, whether there be any Heath, Taillies, or other Weed growing fromatocoulity therein, as a certain bigs of a rose Ground. The Ground of the coaled, ill flastyd, and grabby, of a field Green, and full of Modi, the Pitzes is be immediately rejected. If the Countra's be found it you mult specced to exmine the Duph of the Soil, by designed Holes under Ground. The Soil of the Soil, by designed Holes under Ground. The Soil of the Soil, by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground. The Soil of the Soil by designed Holes under Ground The Soil of the

He bears Azure, a Garbe, or; the Arms of the Grofbenors should be three Foot deep; but less than two, is not fuffi-The chief Furniture of Pleafure Gardons are, Parterres,

Vista's, Gladet, Grovet, Compartiments, Luincunes, Verdant Halls, Arbour Work, Mazes, Labyrmiths, Fountains,

dout Halls, drieuw Work, Massei, Lebyrmiles, Formans, Calwarn, Capital, Caeda, Yerrelfas, Ros. See excluding to gauge Article, Ixa.e.as, Caecasas, Dorawatti, ge. Lebyrmiles, Caecasas, Dorawatti, ge. Lebyrmiles, Caecasas, Dorawatti, ge. Lebyrmiles, Caecasas, Caecasas, Dorawatti, ge. Lebyrmiles, Caecasas, Caecasas, Caecasas, Dorawatti, ge. Lebyrmiles, Caecasas, Caec

Soil for young Trees. See FRUIT Tree.
The Trees being now taken out of the Nurfery, the biggett Roots are to be florten'd to about fix Inches; all the imall Fibres taken off; and the Head to be pruned, is as not to leave above two Branches; and those not above fix Inches See PLANTING

long. See PLANTING.
The Wall Treet, to be piaced as far from the Wall, as puffible; that there may be the more Room for the Roots to freat. Then, filling up the Hole with Mould, there remains socking but to fecure the Roots from the Winter's Froft, by covering the Spet with Straw, Fern, Dung, &c. And in Summer, from the Sun; by Sand, and Pebble Stone. See Wall Fruit.

See Wall Fruit.
For Trees planted in Borders, the common Practice is to make a Trench by the Wall-fide, two Foot bread, and as many deep. This Trench they fill with old Dung, mix'd with Barth, lightly laid, near as high as the Borders are in-readed to be, and then tredden down to half the Highst in the Flaces where the Trees are latended to be, Trepteden, to plant the Trees flandow, and to valid the Earth products, to plant the Trees flandow, and to valid the Earth about them; especially in a wet, clayey Soil.—See PLANT-ING, SEMINARY, &c.

1806. STANASA S. KC.

"The an Older-team of force inspectance, that Wall Trees,
them, are Gravel; more of the Rays of the San being
them, are Gravel; more of the Rays of the San being
thereby neffected on them, than if the year Grafie. And,
that no for of all Trees we use to feited by one of the
force of the same of the same of the same of the
Standardight reach to the South End, or South Well Walls
The These was the Wells are not advantageously silted
GARDENING, Hourscruvens, the Are of collection
[GARDENING, Hourscruvens, the Are of collection
one, worth, the greated Harrie, and Philosophers. The
Emprese Discertain, at Solinas; and Epiterrain, and Metrodering, at Althou, have comboile the Art beyond all Reson,

Gosteius, Superintendant of Lubeck, printed a Differta-tion in 1706, entitled Kerrolia . feu De Eruditis Hortorum tion in 1706, entitled kerosikës, jen De Eviditis Hortorimi Cultoribis, Of the Learned Men who have loved, and cul-tivated Gardens 3 among which Number he tanks Adam, Gregory Narsanzen, St. Aggyffin, Plips, and Cicero: Nor should be have forgot the elder Cato, Democristis, Plates and his Academy. Plate, and his Academy.

The Sicur le Noftre first carried Gardening to any thing of Perfection: M. in Quintinie has gone yet turther; nor have our own Countrymen of late been wanting to its Improvement; as London, and Wife, Bradley, Laurence, Fairchild, &c.

ou own Countyword of late been wanting to list Improvements as Lenden, and Pife, Bradley, Laurence, Fairebild, Sc.
M. Fairi has taviy applied Mathematical Realtoning to
M. Fairi has taviy applied Mathematical Realtoning to
San's Ray in Garden. See Watt.
The principal Operations in Gardening, are Planning,
Trapplaturing, Engaffring, Investings, Pransity, Secret.
Sec. Which for walter their proper Articles, Fairness,
Co. Which for walter their proper Articles, Fairness,
Other Particulars, relative to the Art of Gardening, fee

Other Particulars, relating to the Art of Gerdenius, fee under Pinghing, Varisoating, Nurser, See, Orbert-House, Hot-ern, &c. See also Plany, Tree, Fruit-tree, Walt-tree, Dwarf, &c. See also Sat-LADE, &c.

GARDENING, in Falcoury. To garden a Horek, is to put her on a Turf of Grafs to chear her.—Some also use the iame Phrase for the giving her an Airing, or leating her sly at larg

at large.

GARDEVISURE, in Heraldry; fee V120n.

GARGARISM, CAROLE, in Medicine, a Equid Ferm

GARGARISM, CAROLE, in Medicine, a Equid Ferm

GRemedy, for Diriorders of the Mouth, Gunns, Threat, 65c.

Gargaritist are composed of Honey, Sila, Sysups, Spiritz,

Vinegar, Waters, and Decediteness, and produce their Bible

by cleanings, labricating, 65c, the Parrs.

An Allegen Gargaritin, Decurgon Gargaritin, Relti
An Allegen Gargaritin, Decurgon Gargaritin, Relti-

gerent Gargarifm, &c.
The Word is form'd of the Greek > appenter, collaire, to walk.—Or of the Hobrew Gargbera, the Threat.—

GALDATIA and Official Action of Flowers, Fea-hers, or even of pretions Stores; but effectally Flowers: To which the Word in our Language is more immediately

affected.

atterera.

Janus paffes, in Antiquity, for the Inventor of Garlands.

Alben. Dipung. L. XV.

The Word is furn'd of the Barbatons Latin Ghirlanda 2, which is fill received in the Italian. Menuge traces in C. distribution of the Control of the Cont white is the result in the standard arrows, and region from Grus, thro girulus, to giruluse, girlare, girt-tandus, girlanda, and at length gurlande, and Garland s fo that Guirland, or Garland are descended in the eighth

Degree from Gyrus. Hicks rejects this Derivation, and brings the Word from

Hibbs rejects this Derivation, and brings the work now. Gardel bands, which in the Northern Languages figuify, a Nogacy artfully excepts with the Hand.— GARLAND, in a Ship, a Collar of Rope, which is wound about the Head of the Main-maft, to keep the Shrouds

about the Hend of the Mann-mail, to keep the Shroads from gailing.

GARNSHIR he form cantient Writings and Statutes, to GARNSHIR flipilities to wan the Helm of Hends Money is attached withing the Liberties of the City of Leaders, to call it in the Sheriff of Lendows Court, because he had Gürzuffmunn, or Warning, not to pay the Money, but to appear and andwer to the Plaintiff-Ceditor's Sac. Soc.

GARNISHING, or GARNISHMENT, is popularly used for the Famiure of any thing; or an Affemblage, or Sort-ment necessary for the using, or adorning of any thing. See FURNITURE.

The GARNISHING of a Diffe, confide of certain Things The Carristins of a 2010, confits of certain 1 nings which accompany it; either as a Part, and legredient thereof; In which Senie Pickles, Multrooms, Oylers, Sc. are Garsilbius; O as a Circomfance, or Ormanent; as when Leaves, Flowers, Roots Se. are laid about a Service, to amufe the Eye.

The fame Word is us'd for the finer Herhs, Fruits, &c. laid about a Sallad: Garnifbing of Lemon, Pifticho's, Pom-granate, Yolks of hard Eggs, Artichoak Bottoms, Capers, Pruffles, Sweat-bread, &c.

The Word is French, form'd of the Verb Garnir, to fur-

GARNISHMENT, in Law, a Warning given any one to appear; and that for the better furnishing the Caule, and Cours. Suppose, e. gr. one is fued for the Detinue of cer-

Co in Sippois, c.gr. one is faced for the Detanes of exe-tum Charrers, and fays, they were delivered to him, not only by the Paintiff, but Y. S. alios and therefore pers, that the Conditions are performed, on the Plaintiff, whether the Conditions are performed, on the Plaintiff, whether has been been performed, on Y. S. on provided himself of a Delivency or eller simplifying the Court with all Par-laments. The Conditions whereby it may throughly determine the Canadia-

Caulc.—
GARRISON, a Body of Force, diffooded in a Fortrefa,
GARRISON, a Body of Force, diffooded in a Fortrefa,
to defend it against the Enemy; or to keep the Inhabitants
a Subjection; or even to be finished during the Winner
Scasson. See Fortrass,
The Words Garrison, and Winter Smarters, are fometimes and indifferently for the fame thing; and fometimes
they denote different Things.

they denote different Things.

In the latter Chica, a Garrifor has Place wherein Forces are
maintailed, to fecture it; where they keep regular Gaard,
Garrifon Bondal thouse the Garrifon Bondal Garrifon Bondal thouse the Garrifon Bondal thouse the Garrifon Bondal thouse the Garrifon Bondal gar to the Garrifon Bondal gar to the Garrifon Bondal gar to the Garrifon Bondal Garrifon Bondal gar to the G

ter Quarters, than in varrious one Positiffue and the Winter Quarters, &c.

Du Cauge derives the Word from the corrupt Latin garnices, which the later Writers all to lignify all manner of Munition, Arms, Vichuals, &c. necessary for the Defence of a Place, and the furthing of a Siege.

a Place, and the furthining of a Siege.

GARTER, hierally fighties the time with the Greek
Historouth, Perificial, a Ligature, to keep up the Stockings;
and is particularly uled for the Badge, or Cognitionate of a
Noble Order of Knights, besse denominated the Order of
the Garzer. See the following Article.

Ganza, or Order of the Ganza, is a Milliary Order, influence by King Edward Illian 1239; under the Tider, influence by King Edward Illian 1239; under the Ti-

der, initiated by King Edward III. in 1350, ander the Ti-tee of the Swereign, and Knights-Companiess of the most Noble Order of the Garter. See Orden. This Order consists of a Knights, or Companients, ge-nerally, all Peers, or Princes; whereof the King of England is the Swereign, or Chief.

They were a blue Garter on the left Leg, with this Mot-

Device, Honi fois qui mal y penfe; q. d. Shame to that thinks evil hereof. See Morro. They are a College, or Corporation; having a Great,

GARLAND, an Ornament for the Head, in manner of and Little Seal: Their Officers are, a Prelate, Changeller, Reguler, Dean, King at Arms, and Officer. See Frehams. ANCELLOR, &cc.

CHANGELOS, Sc. Befide which, they have a Deam, and twelve Caseus, with Petry Caseus, Vergers, and so Pensioners, or poor Knights. See Canon, See Canon, See The Order is under the Patronage, or Protection of Se. The Order is under the Patronage, or Protection of See Days or

The Oefer is under the Patronage, or Proceeding of Se-erger, the Tundry Sint of this Kingdom. See Paracas.
Their College is ledd in the Calle of Profit, which the the Patronage is seed in the Calle of Profit, which the the Vander for the Patronage Called States of the College of Patronage Called States of the Called Office of States Gerter, deck'd with Cold, Pearl, and preclams beams, and a Patronage Called States of States of States of States Calp. College of States of States of States of States Calp. College of States of States of States of States States, Called States of States of States of States Deliver of States of States of States of States of States Deliver of States, cannelled of Called States of States Deliver of States, cannelled of Called States of States Deliver of States, cannelled of Called States of States Deliver of States, cannelled of Called States of States States of States of States States of States of States of States States of States of States of States of States of States of States States of States of States of States of States of States of States States of States of States of States of States of States of States States of States of States of States of States of States of States States of States of States of States of States of States of States States of States of States of States of States of States States of States of States of States of States of States States of States of States of States of States of States States of States of States of States of States of States States of States of States of States of States of States of States States of States of States of States of States of States of States States of States of States of States of States of States of States States of States of States of States of States of States of States States of States of States of States of States of States of States States of Sta

without the Garter, on Penalty of 6 s. 8 d. paid to the Regifter.

gilter. The Order of the Garrer appears the most antient and noble Lay Order in the World. "Its price to the Franch Order of St. Michael, by so Years: To that of the Galdest Fleers, by 80 Years: To that of St. Andrew, by 190 Years: and to that of the Elaphant, by 20 Years. See Order of St. Michael, Galdest Process of the Michael St. Andrew, Elephanny, St. Michael, Goldder Process of Andrews, Elephanny, St.

Since its Inflitution, there have been eight Emperors; and a; or a \$ fareign Kings; beide numerous Sovereign Finesce enself as Companion thereof.

In Origin is formewhat differently related: The common Account is, that it was erecled in Henour of a Garter of the Common of Satisfory, which five hopps in Dancing, and the Common of the Common of the Common of the Common of Satisfory, which five hopps in Dancing, and the Common of the C as fabulous.

as fishedar.

Camideta, Fern, &c. take it to have been influenced on occision of the Vichoy obstand over the Fernals, a trice Brit.

Camideta, Fern, &c. take it to have been influenced on occision of the Vichoy obstand over the Fernals, a trice Brit.

Catter to be diffuse the France, in Spine I for a Catter of the Galleta France, in Spine I form a state whereof, he made a Gairse the Pincipal Commune of the Order, sected in memory of the Spine I form, and a Symbol of the individuely let in Spine I form; and a Symbol of the individuely of the Spine I form, and a Symbol of the individuely that is Different in one of the Arth Saufferom, publish they be the Stitutely, has a Different in one for Extens under the Name of S. and the Orders, in one for Extension of the Name of S. and the Spine I form only influenced by K. Edward I in his Expedition to the I form of the Catter of the Spine I form only influenced by K. Edward I in his Expedition to the I form of the Spine I form of

Find the Proposed Section is analysis and where the Proposed Section 19 of the Proposed Section 19 of

on the Book; with a Buckle in the left Hand, and the word Fided theteon.— Larrye,
Authors on this Order are, Cambden, Albemole, Leland, Polydore Vorgil, Heglin, Legar, Glover, and Favyn.
Erbark, Gellins, and the Prince of Drange, adds Page-breely, have given Deferiptions of the Coremonics nied at hardon of Vertice and Congression of the Coremonics of t brech, have given Deferiptions of the Coremonics afed are the Initialment of Kinghas, and a Gillerian Monh, named Menderius Zealeius, has a Treatile, intitled is Garretieve, or Specimian Angilicanum, fine or printed under the Title of the Catechylin of the Order of the Garret; Wherein hexplains all the Allegories, real, or pretended of the Coremonics, with the Mond Significations thereof.

Charam, Principal King or Arms; to Kino at

Armi.

Garter, and Primitjal King at Armi. are two diffice?

Offices, smited in one Ferfons. Garter's Employment is on at.

Comment of the Co

or which Service, it has been usual to join him in Commison with fome Peer of the Realm Garter's Oath relates only to Services to be perform'd within the Order; and is taken in Chapter before the Sovereign and Knights. His Oath, as King at Arms, is taken

ore the Earl Marshal.

GARTER is allo a Term in Heraldry, fignifying the Moiety, or half of a Bend. See BEND. GAS, in Chemistry, a Term us'd by Van Helmont, to expects the Seeds, or Fermentations, or first Principles of Things: But he applies it so obscurely, and precariously,

that 'tis hard reducing it to any one Senie. Thus, be calls the vital Principle in Man, Gas Vitale; and

Thus, he calls the vital rincipus in stain, cas prime; and the farme Denomination Gas he gives to the fullpharous Steams, which occasion Damps: Add, that he calls the Air, Gas Perusifirm; and Water, the Gas of Salts. Some would fix his Meaning to the Spirit, or liable and of calls have of a Perus and them Gas Cornelle. Is

Some would fix his Meaning to the Spirit, or tunitie and moft volatile Part of a Body. And thus, Gas Cerverifie, is the lipitinous Steam, which flies off from Ale, while in working; but this does not take in the whole ledea of Gas.

GASCOIN, or Cassors, the hinder Thigh of a Horfe; commending from the Stifle, and reaching to the Ply, or bending of the Ham.

bending of the Ham.

GASCONADE, a boadling or vanning of fomething
very improbable. He precended he had fought fingly against
hree Men; a downingth Gafeomade.

The Term has its Rife from the Gafeons, or People in
Gafeony, in Prance, who are difficiently of the Bragging, and

Rhodomontado.

Rhodomontado.—
GASTALDUS, or CASTALDUS, an Officer, antiently encertain of the Court of divers Princes; wrote also Gafcitatius, Gafaldatus, Ganfladatus, &c.
The Gaffladatu was what in Italy and Spatin is now call's
Migrorfone, six. the Mailtor, or Steward of a Houthold.
The Gaffladatu was a Cruns, or Count, which frews his Oftion to have been very confident be.—— which from his Of-

In the Laws of Italy we fornetimes meet with Gaflaldus, in the Sense of a Courier; and sometimes as an Ecclesiastical Officer, so that it is somewhere express'd to be Simony, to

buy the Function of Gastalaus.

Macri derives the Word from the Arabic Chasendar, Purreyor of a House: Others, from the German Gast, and balten, to retain Travellers.—

balters, to retain !Traveliers.—
GASTEREPILOUCA, in Anatomy, a Vein, which opens into the Trank of the Vena Forta; form'd of feveral Branches; derived from the Stomach, and Epiploon; whence in Name, yearly, and virtxion. See Vein.
GASTERCOREMIUS, in Anatomy, a Name common to two Midica, conditioning the Sura, or Calf of the Legs the one called Externess, the other Internet.

GASTEROCNEMIUS Externus, call'd also Suralis Externus, and Gemeilus, has two diffined, fleshly Originations, fro the fuperior, and bindermost Part of each Tubercle of the the taperror, and miderator, rare or each inherete of the Chigh-bone; which in their Def-cent are each dilated into two (mail) flefhy Bellies, the innormoft of which is thicheft and largeft; having each a
different Series of flefhy Fibres, which at length uniting, make a broad, firong Teodon; which narrowing itelf, joins the great Tendon of the Solaus, four Fingers breadth above its Infertion into the Os Calcis.

When this Muscle acts, the Foot is faid to be extended or pulled backwards; which Motion is very necessary in walking, running, leaping, or flanding on tip-toe, &c. walking, running, leaping, or flanding on tip-toe, &c. whence it is, that those who walk much, or carry heavy Burdens; and who wear low-heel'd Shoes, have these Mus-

cles larger than others.

Gastenocnemius, or Suralis Internus, call'd also So-leus, from its Figure, refembling a Sole-Fift, is placed un-der the external. Its external flefly Pare is cover'd with a transparent tendinous Expansion, which makes it appear of a livid Colour.

a livid Colour.

It begins party remlinous child's from the hindermed in begins party and house the links and hetchest of the Tibla, and hetchest of the Tibla, that it, below the Inferion of the Shippaji cruss and increasing to a large fields Belly, composed of various Orders of Belly Fibres, forme of them underseath or the state of the Colour Colour of the Shippaji crust Tradon, which is about a Pinger's Broadth long; and inferred has the fuperior and hindermed Part of the Ox Calcia.

The Foot, together with the Toes, being, as it were, a Lever to the whole Body, ought therefore to be attended with Mufcles of great Strength to extend it; which is the Reason that these Muscles so much exceed their Antago-

GASTRIC, GASTRICUS, in Anatomy, is applied to di-vers Veins, on account of their proceeding from the Sto-mach, or Ventricle, which the Greeks call yards. See Sro-MACH

The Gastricus major, or greater Gastric Vein is inserted into the Spienic Vein; and the minor, or leffer Gastric, into the Trunk of the Vena Ports.

GASTRILOQUUS, or GASTRILOQUUS, a Person who fpeaks inwardly, or within his Stomach; and whose Voice forms to come a far off; more usually called Ventriloquus. See VENTRILOGUES.
The Word is form'd of the Greek 2-strig, Belly; and the

Latin loqui, to speak.

GASTROLATER, a Glutton, or Belly-god: Cujus
Them wenter off. See IDDLATER.

Dem venter eft. See IDOLATER.
GASTROMANCY, or GASTROMANTIA, 2 kind of Divination, practiced among the Antients, by means of Words coming, or feeming to come, out of the Belly. See Days

The Word is form'd of parguarrila, composed of parks; Belly, and parl ie, Divinat

Beilly, and populars Divination. There is another kind of Divination, call'd by the fame Name, Gaffroniancy, which is performed by means of Gaffes, or other round, transparent Veffels; at the Bottom whereof certain Figures appear, by Magic Art. "Tis that called, by reafon the Figures appear as in the Belly of the

GASTROTOMY, the Operation of cutting open the Belly; the fame with what is otherwise called the Casarian Section. See Casarian Section.

GATE, a large Door, leading, or giving Entrance, into City, Town, Caffle, Palace, or other confiderable Building. Sec Doon.

See Doon.

Theles, in Payhs, was antiently known by the Appellation, With an hundred Gates. Fee, in Africa, has 31 Gates.

In Antient Rome there was a Triumphal Gate, Porta Triumphalis. See Taiwarn. In the Modern Rome there is the

sumphalis. Sec Taivarn. In the Modern Kome there is the Tablies Gate, which is only opend the Year of a Grand Jubilec. Sec JUBILER.
The Gates of London are many of them converted into Goals, or Priona; as Lunguez, Newsgate, Rec. Sec Paison. The leffer, or Boyates, are called Polyferns. Sec Paison. Gates thro which Conches, GC. are to pair, fhould not be left than feven Food broad; nor more than earliest The Cleic than feven Food broad; nor more than earliest The

lefa than feven Foot broad; nor more than twelve: The Height to be 1½ the Breadth GAVEL, in Law, fignifies Tribute, Toll, Cathon, yearly Renn, Payment, or Revenue; of which there are teveral Kinds, as Gavel-Corn, Gavel-Mair, Out-Gavel, Gavel-Fodder, &c.
Gavez, is fometimes us'd for what we more usually call

GAYLL-RIND, a Tenure, or Cufforn, whereby the Lands of the Father are equally divided, at his Death, among all his Sons; or the Land of the Brother among all the Bro-thren, if he have no ledge of his own. See Curron, and TENURE, DESCENT, &c.

Tentonicis priscis patrios succedit in agros Mascula stirps omnis, ne fores ulla potens.

Missing Juris means, a year and This Cathon, which activatly chainful throughout England, it ill of Force in the general Farce of Kent, Develoption and the Cathon of the * are divided, Barre and Barre allife, a smong all the Male Children; and in doeft of thefe, among the Pennist's He adds, 'That they are of Age, or qualified to take the Lands upon them, as Filticen; and may then give, read, "or Josal" And Children here inherit their Raders Land, "the Contribled of Pelony, Murther, giv." The Tennass in Goodwind are to do Felsity, and to be in the Tuition of "the next a kin, who is not next Heris for them, till 3 'Years of Age; to pay Acknowledymens to the Lord for the Lands."

* the Lance; Ge.
In an autient Book of Records in Chrift-Charek, Casterbury, of the time of Henry VIII. our Savos Ancettour are failed hoave clither held their Lands by Writing, or without: The first were called Bookland; whole Owners were Men, whom we now call Freebolders; The Second was called Folkland; the Owners whereof were of Servile Condition, and positive day of the Charles of the Condition, and Defited and evidentaries Dominis. See Dooksans, Parks.

Now, the Inheritance, or Freehold, did not, in those Days, descend to the eldest Son, but to all alike; which in Days, defend to the eldel Son, but to all anxe; which was called Lanbe Seyrean, and to Kent, 75 hift Land; whence came the Cultom Gravitind. And the Reafon why it was retained in Kent more than other Place, was that the Kentilbane were not conque'd by the Novinton:

For, fay our Hillorian, Shigand, the Arch Eifing of Control of the Control of Control of the Control of Con terbury, and one Egylfur, an Abbot, who commanded the Fegers in that County, ordering every Man, first bear Arms, to marks and tours themselves, who great head to see a second to the control of the con

GAVELET, in Law, a fpecial, and antient kind of Cof-facit, aid in Kent, where the Cafforn of Gavel-kind con-tinues; whereby the Tenant full facilit is Lands and To-sements to the Lord, if he withdraw from him his due Rents and Services. See FEE, SERVICE, and GAVEL-

The Freeds of the Gasseler is share. The Lord is first to fick by the Stoward of his Court, from three Weeks to fick by the Gassel of his Court, from the Weeks to till the forest? Court, and if in that time he find nean, at this forest? Court, it is awarded, that he rathe the Toesment men habadd in amor of a Ditterfa, and keep it a Toesment has had in a more of a Ditterfa, and keep it a Toesment has been a start of the Withfording, he find have and copy has Toesment as Loud is ago to the next Court Court, and processor there had not have the court of the third and the court of the co The Process of the Gavelet is thus: The Lord is first to cording to this old Saying :

Has he not fince any thing given, or any thing paid, Then let him pay five Pound for his Were, e're he become Healder again.

Other Copies have the first Part with fome Variation; Let bim nine times pay, and nine times repay.

GAUGE-Point, of a falid Measure, is the Diameter of a Circle, whose Area is equal to the folid Content of the fame Measure. See Measure, and CONTENT.

Thus, the Solidity of a Wine Gallon being 231 Cable

Inches, if you conceive a Circle to contain fo many Inches, the Diameter of it will be 17. 15; and that will be the Gauge Point of Wine Measure.

Gange Point of Wine Meature.
And an Ale Gallon containing a 88 Cabic Inches, by the fame Rule, the Gange Point for Ale-meature will be found to be 19, 15; And after the fame manner may the Gange-Point of any other Meature be determined.

Hence we deduce, that when the Diameter of a Cylinder Cabic Court Point in any Meafure.

in Inches is equal to the Gange-Point in any Meafare, (given likewife in Inches) every Inch in length thereof will In a Cylinder, contain an Integer of the fame Meafure. whose Diameter is 17.15 Inches, every Inch in Height con-tains one intire Gallon in Wine-measure; and in another, whose Diameter is 19.15, every Inch in length contains one Alc Gallon

Als Gaillon.

Gavos Linte, a Line on the common Gueging Red,
whole Dielegipion and Uli for under the Article Cavernoon.

Bedief it is user, i. e. to examine,
grant of the Common Common

the Quantity of Holds, or other Matters, constitul therein. CONTENT, SCHOOL CONTENT, AND CONTENT CONTE

The principal Veffels that come under its Operation, are Pipes, Barreis, Rundlett, and other Casks; Hacks, Coolers, Fars, &c. See Baars, &c.

The fulld Centent of cubical, parallelin polar and prifina-tical Veffels of the Conductor of the Conductor Cond

tical Veffels, we have already observ'd, is cafily found in

GAU Cabic Inches, or the like, by multiplying the Area of the Bafe by the perpendicular Altitude. See Sonn, Paissa, &c. And for cylindrical Veffels, the fame is found by multi-

And for cymotrical velocis, the laine is tound by muni-phying the Area of the circular Bale, by the perpendicular Altitude, as before. See CYLINDIA. Calks of the ufual Form of Hoginesics, Kilderkins, &c. may be confider'd as Segmens of a Spheroid cut off by two Planes, perpendicular to the Axis, which brings them to Ongetrea's Theorem, for measuring Ale and Wine Casha;

to Gughred Thorsen, for mediating Ale and Wine Chila; which is then Ald Work the Actor of the Griels at the Bang, no the Area of the Griels of the Bang, no the Area of the Griels of the Bang, no the Area of the Griels of the Bang, no the Area of the Griels of the Bang, to the Area of the Griels of the Bang, to the Area of the Child to the England of the Griels of the Bang of the Griefs, produced by the Griefs of the Gr which supposes them Spheroids, or than that of multiply-ing the Circles at the Bung and Head, into half the Length ing the Circles at the Ising and Head, into hait the Length of the Caft, which fuppoise them parabolic Concides; or than that of Clamint, &c. who takes them for two truncated Cones, which is further off of all.

The common Rule for all Wineer Ale Cafes, is to take the Discourage that F

The common Rule for all Wine or Anc Lalks, is to take.

Diameters at the Bong, and at the Head; by which you may find the Areas of the Circle there: Then taking two Thirds of the Area of the Circle at the Bong, and one Third of the Area of the Circle at the Bong, and one Third of the Area of the Circle at the Head; and adding them together into one Som a third so and adding them together into one Som a third Som multiplied by the internal Length of the Calk, gives the Connect in folid into the Connect of the Co ches: Which are converted into Gallons, by dividing by 282 for Ale, and by 237 for Wine Gallons.

ter Ale, and by as t for Wine Galleen.
But Gangray, an own practified, is shietly done by means
of Inframents, call'd Gangring Rods, or Rules, which do the
Bafinesh at once, and answer the Queltion without for much
Calculation, which is no inconfiderable Addition, both to
the Eafe and Diffparch of the Wark. This Inframental
way of Gangring, therefore, we shall here chiefly infair upon-

Construction of a Gauging Rod, whereby the Content of any Cylindrical, or other common Vessel is easily had.

Take the Dismorer A B of a Cylindrical Verifiel, A BB J A Yel, Surveyong, Fig. 4th thails on the Cylindrical Verifiel, A recovering the Cylindrical Verifiel, A recovering the Cylindrical Verifields and a the Exercisity A, ered an indefinite Perspection A, A : From A to 1, for off a Right Line, count to A B; then will B f to the Dismorer of a Verifiel, that bolds to two Medicers, or Verifiel than bolds three Medicers, both the Workshop of Agrin, let A := Ba; then, B; will be the Dismorer of Agrin, let A := Ba; then, B; will be the Dismorer of Agrin, let A := Ba; then, B; will be the Dismorer of Agrin, let A := Ba; then, B; will be the Dismorer of Agrin, let A := Ba; then, B; will be the Dismorer of Agrin, let A := Agrin, A := Agr

A 7, occ.

Lafly, fet off the feveral Divisions thus found, A 1, A 2, Rc. upon one Side of a Rod, or Rule; and on the other the Height, or Depth of a Cylinder, that bolds one Meafure or Called, repeated, as oft as it will ge. Thus it the Gauging Rod compleat.

quired.

quired.
Thefe Divisions, therefore, being applied to the Side of a cylindrical Vessel, it will immediately appear how many Mcasares, e. gr. Gallons, a cylindrical Vessel of that Ease and of the Height of that which holds one Gallon, will

contain.

Wherefore, finding by the Divificate on the other Side of the Red, low often the Prejuit of our Gallon is constanted in more before found by this Number 7 the Problect will be the Number of Gallons the Welf contains.

It is not to the Carlon the Welf contains.

Note, if The left pays take the Height of the Cylinders containing one Gallon, the greater will be Damere of the containing one Gallon, the greater will be Damere of the Carlon the Welf to States.

Note, if The left you take the Height of the Cylinders containing one Gallon, the greater will be Damere of the interest of the Welf of the Carlon the Carlon

xº The Diameters of Veffels holding one or more actual Parts of a Gallon, will be had by dividing one or more decimal Parts of the Veffel holding a whole Gallon, by is Height; which gives us the Area of the circular Bafe; from whence the Diameter is easily found by the Rules de-

fivered under DIAMETER, CIRCLE, &c. And after the fame manner the Dianeters are found for the Divisions of Veffele that hold two or more Gallons.

Use of the Gausins Red.

To find the Content of a Cask; that is, to determine the Number of Meafares e.gr. Gallons, it will hold: Apply the Gauging Ros to the Veifes, as directed in the preceding Article, and find both the Length of the Cafk AC, fig. 27, and both Diameters G H, and AB. Now, as we have the content of the Carbon of the Language to the fire for the Carbon of the Language to the fire for the Carbon of the Language to the fire for the Carbon of the Language to the fire for the Carbon of the Language that the fire of Carbon of the Language that the the Lan find by Experiment, how far foever it may be from Goometriand Exactively, that a common Cafk of this Form, may fafely enough be reputed as a Cylinder, whose Bate is a Medium between the Head and the Belly; find such Medium, which call the equated Diameter.

Then, multiplying the Number thus found by the Length of the Cafk A C; the Product will be the Number of Men-fures the Veffel contains.

Suppole e. gr. A B=8, and G H=12, and A C=155 the equi-different Mean will be 10; which multiplied by 15, gives the Capacity of the Cafe, 150 Meafures.

If it happen that the Diameters of the two Ends be not equal; meafure them both, and take half their Sum for the

equal; mealire them both, and take nait then some not sup-Diameter to work by.

There is another Method, whereby the Content of a Vef-Gi is had even without any Cilculation at all, which ob-tains in divers Parts of Germany and the Low Contrices But as this lappose all Veffel) to be finiliar to each other; and their Length double of the equated Diameter, that sig-of half in 80 mm of the Diameters A B, and G H, it is not

of half the Sum of the Phameters A B, and C H; it is not fafe to uls it all places. Kepler, however, profices it for much hefore all others, as including all the Precautions pol-fible; that he recommends it to the Publick, to make it by Law, that all Calka be made in this Proportion.

The Methods of Gaoging, which chiefly obtain among us, are by the Four Foor Gaoging Rad, and Everard's Slid-

Description and Use of the Four Foot Gauging Rod.

The Foar Foot Ganging Rod, represented in Tab. Sur-ocying, Fig. 28. is usually made of Box, and consists of four Rules, each a Foot long, and about three Eighths of an Inch square, join'd together by three brass points, by which means the Rod is render'd four Foot long, when the foot Rules are quite open'd; and has one Foot, when they are folded to-

genber.

On the first Face of this Rod, mark'd 4, are plac'd two Diagonal Lines; one for Rocs, and the other for Wine: By Diagonal Lines; one for Rocs, and the other for Wine: By or O'Wine Gallows may be cardily found, by parting the Rod in at the Bang-bale of the Verifit, till it meets the Instruction of the Head of the Verific with the Serves opposite to the word of the Serves opposite to the condition of the Line, there is written the Rod of th

cos, whoic Daumeten are the correspondent inches in Ale Galana. At the Beginning is witt, High driver, the fair, Che the third Free, 6, are three belief of Line; the fair, Che the third Free, 6, are three belief of Line; the fair, Che the third Free, 6, are three belief of Line; are the Line of the Herison. The Geord Line; are the Line of which is wared. It, fightlying a Strategy of the Line; are the Line of which is wared. It, fightlying a Strategy of Line; are the Line; and the Line; are the Line; are the Line; and the Line; and Line; are the Line; are the Line; are the Line; to find the Wassis in a Fefria, Killerkin, and Barrett, play with their Areas parallel to the Horizon. They use distinguish a Vision of Line; to find the Wassis in a Fefria, Killerkin, and Barrett, play with their Areas parallel to the Horizon. They use distinguish a Vision Allerkins, and Barrett.

Use of the Diagonal Lines on the Ganging Rad.

To find the Content of a Veffel in Beer or Wine Gallons. Put the Hads End of the Gauging Rod into the Bunghole of the Cafk, with the Diagonal Lines upwards; and thrust the Brate End to the Meeting of the Head and shruft the Badi Ead to the Meeting of the Head and Surver: Then, with Chall, mixe a Marke on the Middle of the Bami bole of the Veffel; and also on the Diagonal Lane of the Read Parket and the Meeting of the Lane of the Read Parket and the Challenger of the Lane of the Read Parket and the Challenger of the Challenger of the Then une the Ganging Rott to the other Ead of the Veffel, and hould the boliff fall bone to the Head as before. Lattly, for if the Market on the Ganging Rott of the Lattly, for if the Market on the Ganging Rott of Rod on the Diagonal Lieu, will, on the fame Lieue, flow the while Content of the Chall in Steve with Gallien.

If the Mark made on the Eurg-hole, he not right against that made on the Rod, when you put it the other way; then, right against the Mark made on the Bung-hole, make an-other on the Diagonal Linea: And the Division on the Diagonal Line, between the two Chalks, will flow the Velfel's whole Content in Borr or Wine Gallons.

Thus, c. gr. if the Diagonal Line of a Veffel be 28 Inches four Tenths, to Content in Beer Gallons will be near 51, and

in Wine Gallons 61.

If a Veffel he open, as a Hall-barrel, Tun, or Copper, and the Mexture from the Middle on one Side, to the Head and Staves, be 38 inches; the Disgonal Line gives 128 Beer Gallons; half of which, viz. 61, is the Content of the open half Tub. open hair 14b.

If you have a large Veffel, as a Tun, or Copper, and the
Diagonal Line taken by a long Rule, prove 70 Inches: The
Content of that Veffel may be found thus:

Every Inch at the Beginning end of the Diagonal Line, call ten loches. Thus, ten Inches become 100 Inches; and every Tenth of a Gallon call 100 Gallons; and every whole

Gallon, call rec Gallons

Gallon, call rec Gallons.

Exam. at 44. 8 Inches, on the Diagonal Beer-Line, is 200 Gallons; fo allo 4 Inches 48 Parts, now called 44 Inches 8 Yenths, is joit two Tenths of a Gallon, now called 200 Gallons; So allo, if the Diagonal Line be 76 Inches and 7 Tenths, a côc'c Cath, of the Diagonal Line be 76 Inches and 7 Tenths, a côc'c Cath, of the Diagonal, will be oil 2000 Beer Gallons; But an open Cath, but half fo much, visit Diagonal Cath 500 Beer Gallons.

Use of the Gauge Line.

To find the Content of any Cylindrical Vessel in Als-Gallon: Seck the Diameter of the Vessel in the Inches, and just against it, on the Gange Line, is the Quantity of Ale Gallons contained in one Inch deep: This multiplied by the Length of the Cylinder, will give its Content in Ale Gallons.

For Example: Suppose the Longth of the Vossel 22.06, and the Diameter of its Base 23 Inches; what is the Content in Ale Gallons

Right against a Inches, on the Gauge Line, is one Gal-lon, and 745 of a Gallon; which multiplied by 32. 66, the Length, gives 35.9447 Gallons for the Content of the Vessel.

The Bang Diameter of a Highestal below 2.5 Indext, the Hand Diameter as Indext, and the Longith 3.10 Clothett, to find the Remails of All Gallaton cannot do in it. Indext, so the Longith 3.10 Clothett, to find the Remail of All Gallaton cannot do in it. Indext Sect 2.5, the Bang Diameter, on the Longith 3.10 Clothett Sect 2.10 Clothet

Galloras.
Note, This Operation supposes, that the aforesaid Hogs.
head is in the Figure of the middle Frustum of a Sphe-

rold.

The Use of the Liseous nie two other Rece of the Red. is The Use of the Liseous distribution of the Red. is the Red. is

GAUGING, for under the Article Sciding Rule.

GAUGING Rody Ice GAUGING.

GAULISH Language, for ROMAN, and FRENCH.

GAUN'T, an old Word for less, or lank: Thus we lay, a genut-belly of light-belly d Horfe, when his Belly fluinks up towards his Flanks.

ap towards his Fanns. GAVRES, a religious Scel in Turkey, Per-GAURES, GAVRES, a religious Scel in Turkey, Per-fia, &c. The Turks call the Chritikans, Gaurers g. A. Infi-dels, or Fengle of a falls Religion or rather, as Lexuela-vius observes, Heathern, or Gentiles: The Word Gaure a-mong the Turks having the fame Signification, as Pagas, or Infidel, among the Christians, and denoting any thing

in 'Perfai, the Word has a like general Significations and bediefa a more perceive on, where in it is applied to 860 cells a more perceive on, where in it is applied to 860 cells and the Perfaina, Worthigness of Pire: Thu's, upon the whole, they make a paper to have been 'Perfaire converted; who Superfittions with the Truths and Profiless of Christianty; and is found themselves a Regions page, all eight from one Ager, a Prant by Nation, and by Profition & Sculpton: This Man coming to Marylow, where they then whell, particular which file received from an Angel, was fill'd with Light; a In Perfie, the Word has a like general Signification; and

Light; and foon afterwards found herfelf with Child. Light; and soon afterwards found herfulf with Child. The Almogent, at the fame time, percuiving that the Child Almogent, at the fame time, percuiving that the Child gos, Neubrum, the Prima the Pounder of a new Reli-gios, Neubrum, the Prima the Prima the Prima the Child to be put to death, throughout his Empire. The Order was excusted exceedingly by but the Morher of the future Trophet, flewing no Tokens of Pregnancy, ef-the future Trophet, flewing no Tokens of Pregnancy, ef-levation, 2004, 1904,

rabim Zer-Ateucht.

Ebrobius Zer. Ansutzi.
After has Hirth, wow Dangers arofe: The King, being
After has Hirth, wow Dangers arofe: The King,
After has Hirth, wow Dangers arofe:
Ing his Sabre, would have Gain line with his year. Intelliging his Sabre, would have Gain line with his year.
In the high sabre, and the Child call into the finney, have been supported by the property of the p

Cha Glochtet, his Succeffor, made the like Attempts on the Child; but was fo firack with the Miracles which he faw him work, that he began to adore him, as all the

and work, that he began to adde him, as all the reft of the People already did.

At length, after a great Number of Miracles, the Pro-phet disppeard.—Some held he was translated into Heaven, Body, and Soul: Others, that he found an iron Coffin near Body, and Soul: Others, that he found an iron Coffin near Bagdar, where shutting himself up, he was carried away by the Angels.

by the Angels.

After he was in Poffettion of Paradife, God fent them, thro his means, fiven Books, which contained all the Matters of Religion; and afterwards, feven more, of the Explication of Dreams; and laftly, foven of Medicine.

Alexander the Great burnt the first fiven, by reation no body underflood the Language, and kept the other feureen for

his own Use

his own U.S.

After his Denth, founc of the Friells and Docknes among After his Denth, founce of the Friells and Docknes among the Control of the Control of

of Thread. See Syver.

To warp the Silk for making of Gourse, they ale a kind
of Mill, upon which the Silk is wound: This Mill is a
wooden Machine, about fix Foot high; having an Axis perpendicularly placed in the Middle thereof, with fix large
Wings, on which the Silk is wound from off the Bobbane.

wings, on willow one one is would from the ine document, by the Axis turning round.

When all the Silk is on the Mill, they afe another Infla-ment, to wind it off again on to two Beams: This done, the Silk is paid they are many little Badds as there are Threads of Silk; and thus rolled on another Beam, to fupply the

The Gawse Loom is much like that of the commo Weavers, the it has feveral Appendages peculiar thereto. See Loom.

There are Figur'd Gamze's; fome with Flowers of Gold and Silver, on a Silk Ground: These last are chiefly broughs

om China. GAYAC, GAYACUM, or GAYACAN, a Medicinal Wood, brought from the Indies; much affed in Venereal Diforders, called all Legams Santium; and by the Spaniards, Ligno Sauto. See Wood.

George gross equally in the East and West Indies: That of the latter is brought in large Pieces, some of them weighing four or five hundred Found, by which it is difflinguished from the former.

The Gornal Tree, is the Height of our Walnut Tree; and is diffinguish'd into two Kinds, Male and Female; and is divinguished into two Alinds, Male and Female; only differing, as their Leaves are more or lefa round; being all equally greene, the Flowers blue, and of a flarry form; having a little Orange-colour Fruit, about the Size of a finall Nut, at the Tip thereof.

The Wood Gagate is extreamly hard, and heavy, and on

that account used as Ebony, in Mosaic Work, Se. as also for the making of Button Moulds. See Ebony. But its principal Use is in Medicine, being found to warm,

But in principal U(6) is in Medicine, being found to warm, striffy, attensive, artraft and promote Sweets and Utino. The ufuel way of applying it, is in Deceding, Colour, firsh, must bett a their an expensive of the principal of the test that the property of the principal of the principal time that the principal of the principal of the principal part Talle, rise Bark Bicking close to the Wood. The Bark of Gigar is held of as much Virue, as the Wood it folia? The Rind I of no Filicacy for that to make of all the Backetton or Infair of the Wood, they first pure of all the Backetton or Infair of the Wood, they first pure off all the white Parr, which in Reality is the Rind; and

only chip or rafp the hard, folid Part, which is black, heavy

and rehoms.

The Chirageons frequently fubilitate Box-wood, inflead
of Gryar, and, its fails, with equal Saccels.

The Refin drawn from Gryar, is beld much more effectual in Venereal Cafes, than either the Wood, or Bark.

Tie brought us in large Pieces, not suitke common Rozinia,
but very different in reflect of Smell: The former, when
eatin on the Casi, yielding a very agreeable balismick.

GAZETTE, a News Paper, or printed Account of the Transactions of divers Countries, in a look Sheet. Thus we say, the London Gazette, Paris Gazette, Ga-

zette a la main, &cc.

cette a to main, sec.
Gazettes, which most People look on as Triffles, are
really the most difficult kind of Composition that have
appeard. They require a very extensive Acquaintance
with the Languages, and all the Terms thereof; a great
Eastness and Command of writing, and relating, Things
Cleanly and Command of writing, cleanly, and in a few Words

ciently, and in a few Words.

To write a Gasette, a Man should be able to speak of
War both by Land and Sea; be thoroughly acquainted with
every thing relating to Geography, the Hiltory of the
Time, and that of the Noble Families; with the several interests of Princes, the Secrets of Courts, and the Manners
and Castoms of all Nations.

Vigness de Marville recommends a Set of Gazettes well wrote, as the fittell Books for the Inflraction of young Per-

coming into the World. The Word is form'd of Gazetta, a kind of Coin, formetly

A lied of Con, formed; which was the coldinary Price of the first Nowa Page rose, which was the coldinary Price of the first Nowa Page rose, which was the coldinary Price of the first ruption from the Helsew Agad, which fignifes Numirity, and the former cought to be preferred.

The first Garacter publish d in these Parts, is fall to be that of Parts, began in the Year 193 by Theybring Residence, Taylottine or Manyletier, in the Office of Intella-Rose (Page).

gence. So Inventional Control of the Control of the

nair a Foot finck; to line Parapets, and the Travertes at Galleries. See Paarapet, Gallerias, See Paarapet, Gallerias, See Paarapet, Gallerias, See Gallerias, See Gallerias, See Gallerias, that belong to Draught horfus or Oxen. Gallerias, that belong to Draught horfus or Oxen. Gallerias, that belong to Draught horfus or Oxen. Gallerias, the Centre in St. Marthew v. 22, 29, 30. x. 28, xviii. 9, xxiii. 14, 35, Mark ix, 42, 44, 46. Linke xii.

5. Tamer III. 6. Tamer III.

and Reid-Fore; and the litte do the Translation of Mani,
The Weld is found from the Reiders Gelimons. I.e.
Valley of Himmen. In that Valley, which was note from
four the alternative place samed Typich, where tone I good
fourth four was a Place samed Typich, where tone I good
fourth fourth of the Reider I good for the Reider
through the Fire. King Yoffen, to render this Place for
ever abominate, made a Cancea, or common Shore there
The Years tolerer further, thus there was a continual Fire
kept up, to but and a common the Careffel, if we had
great up, but and a common the Careffel, if we had
great up, but and a common the Careffel, if we had
many the common that the common the common to decrease it is a common to decrease it is a common to decrease it for many to decrease I for many to decrease I for many the decrease in the Careffel, in the partial of the Careffel o

Hatland in Devon.

GELDABLE, See Gildable.

GELDABLE, See Gildable.

GELDING, the Operation of Castrating, and particularly
Horfes. See Castration.

The same Term is also applied to a Horse thus castrated a

Local Manual Company. or whose Testicles are cut out; to disable him from being a

Stallion.

Smillon. In gelding of Horfes, regard is had to their Age, the Seafon of the Year, and the State of the Mono.

For the First, if the the Cost, the Operation mixthe let from did at mine, or fifteen Days oid, if the theory of the State of the Cost of the Cost of the Cost of the State of the S

For the Third, The Wane of the Moon is prefer'd as the fitteft Time.

finish Time.

The massers of getting is than a The Benil being, cell on four foil Time, the Operator raises the Pettides because the Control of the Control

where is a good Thicknets of the Salve laid on the Stringst-This being done to one Stone, the Nippers are lookend, and the like done to the coher; and the two Slits of the code fill'd with white Salt; and the Out-fide of the Cod anoised with Hogs Greafe: And thus they let him rife, and keep him in a warm Subbe, without trips him war. If he facilis much in like Cod, or Sheeth, they chafe him up and down, and make him true a Hour in a Duy y and

GELOSCOPY, GEROSCOPIA, a kind of Divination, per-femil dy the means of Laughter 10, a Knowledge of any Perion's Character and Qualities, acquired from the Confideration of his Laughter. See Physiconomy. Metapoftopy, Chiromancy, Galefordy, Ophthalmokopy, Idengraphy; Jufferman, Po. G

GEM, VERMON, OF THE STREET, AND STREET, AMONG ARMY, SA-AMONG GEMS, the principal are the Diamond, Ruby, Sa-bir, Emerald, Yarooif, Opal, Agat, Cryfal, &c. Scoeach under its proper Article, DIAMONN, RUBY, SAFRIR,

Pearls are also ranked among Gemt; the not Stones. See PRARE.

Several Anthors, both Antient and Modern, relate Won-ders of the Virtues and Medicinal Properties of Gents: But acts or the vines and accident inoperates of orani: Bartheri Reputation, in this respect, is now not a little fallen; and many even deny them any Virtue at all. Yet are the Fragments of such Stones still preferr'd by the Physicians,

Fragments of Inch Stones Hill preterved by the Phylicians, in fome of the moft celebrated Compositions; and there are feveral Chemical Preparations made of them.

In effect, as feveral Perfons of the greatest Candour and Experience, have related fome confiderable Effects of certain Gens, on their own particular Observations; and, as it is no ways improbable that some of the softer Stones may have confiderable Operations on the human Body; it might be impradent indifferiminately to exclude them from any Medicinal Vertue at all.

When much the greatest Part of their traditionary Qua-lities are fet afide as fabulous; there will still remain fome, on as real, and well warranted a footing, as many of

our other Medic

our other Medicines. Mr. Beyle was induced to give us a Treatile of the Origin and Frittle of Gent; the Party of Gent; the Party where it is to make appear, that fuch Stomes were originally in a fluid State; or made up of fach Subtlances as were formerly fluid; and that many of their general Virtues are probably derived from the Missare of Metallice, and other Mineral Subtlances usually in orporated with them; and other Mineral Subtrances usually incorporated with thems, while the great Variety, and the particular Efficacy of their Virtues arife from fome happy concurrent Circumflances of that Commistance; e.gr. the peculiar Nature of the im-pregnating Liquer, the Propertion wherein it is mix'd, with re petrelecat Juice, and the like.
To import this Hypothesis of the Virtues of Gems, he

To impore risi Myonobasis of the Virtue of Germi, he heave that Ferral of them are not furnice of Germi, he heave that Ferral of them are not furnice of Germi, he heave that Ferral of them are the form of the Month of Month of Month of the Month of Mon

There may therefore be in fome Gems numberless ad-ventitions Carpufeles: But there is great reason to think that fome of these Carpufeles may be endued with several Profeme of the Corputices may be enduced with feveral Pro-perties and Medicial Urates: There is a great Difference among thefe impregnating Particles; and probably a greater Variety shar is known by ast And Lithy, many Gentra are very richy impregnated with their Particles; why, then, what is indeedly allegely, in both of Gents.

The Serfe of what is objected against them, is, that the Mineral Bohlmers they conting, are 6 to chely locked up, that they can communicate mothing to the Body, and fo can have no medical Operation, being unconquently by the

fmall a Heat, as that of the Stnmach, and other Parts of the Body. See Discussions. Which Objection might be plaufible enough to prevent one's aftribing any Medicinal Virtues to them a prover; but can conclude beeling against what is warrapted by 6 many

can conclude noching againit what is warranted by 10 many can conclude noching againit what is warranted by 10 many early a can be care feveral Particulars, that obviato this Objection. For, a vigorous Loadiltone, tho' frequently harder than many Genut, is known to cenit copious Efflavia: And there are many which have been found to have a minifelt and inconvenient Operation on the human Body, by being were in the Pocket, or long held in the Hand. Mr. 1899is has in the Pocket, of long hold in the Hand. Mr. Style has found many transferon Publick, which when cat, would read many transferon Publick, which when cat, would read many transferon Public which when cat would recome the control of the Public Publi

fuch Materials can have no Operation on the Body, without being digelled, i.e. in paffing thro it, without undergoing any tenfible Change of Bulk, Figure, Sc. as Genus, when

seem feetiles. Change of Bank, 1990,

Menftrus to forme Genns, we will not fay; but even the na-tural Heat of a human Stomach, nay perhaps of the external Parts of the Body, may be able, tho mar arms of the Meay, may be able, the 'nee ro digelf pre-tions Stones, yet to fetch out form of their Virtusa. For 'tis certain, it makes a funible Alteration in the hardress Sect of them: Winniefa a Diamond of Mr. 29;64°a; which might have its electrick Eacalty excited without rubbing, only by a longed Degree of adventious Heat: And an-other, which, by means of Water, made a little more than lake warm, might be brought to fine in the dark. See

Programs 10.

Lating it is Kimitte Performed a Chemistra and Market Market Performed a Chemistra and Market De America an PROSTURE US.

GEM, OF GERMEN, IN BOTANY, A Shoot, OF Bud of a ant. See Plant, Germen, Bun, Germination, &c. GEMARA, OF GHEMARA, the fecond Part of the Tal-

GEBRARA, or UHRMARA, the fecond Part of the Zur-und of Babylow. See Takauru.

The Word PUED Germara, is commonly support of the denote a Supplement; but, in Strictlens, is rather significate Combi-ment, Perfection, as being formed of the Condider 202 Ger-mara, or Germara, to finish, perfect, or complete any thing: In which Sense it is that the Rabbins ase the Word.

In which Scule Is is that the Rabbins afe the Word.

For, the Pentsteach, they call fimply the Long, the fifty
Part of the Zhunds, which is only an Explication of that
Long, or an Application thereof in particular Clife, with
Milelan, i.e. Second Law, and the faccool Part, which is
a more extensive and ample Explication of the Simulation
and a Coliction of Destinans of the Rabbins, positioner on
Fifthinging by redshinely extensive Law, or an Explication, beyond which there is nothing further
to be delired. On Misseaux and the Common Name
The Genum is studied call of Law of the Word Work.

The Genum is studied call of Law of the Word Work of the Word Work.

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The Genum is the Word of the Word Work of the Word Work.

The Genum is the Word of the Word Work of the Word Work.

The Genum is the Word of the Word Work of the Word Work of the Word Work.

Gemara's, or Talmuds; that of Jerufalem, and that of Rabylon: The' in Strictness, the Gemara is no more than

Radylus 'The in Strikketh, the Grusse's is no more than an Espitation of the Midnian, and be by Egwilh. Deboin in their Schools's Much as the Commensates of our School and Espitation of the Widnings of their Schools's Much as the Commensates of the Schools's Much as the Espitation of the Widnings of their Schools's was wrone on the Middian, by now Sphoons, whom the Years pice to the Middian, by now Sphoons, whom the Years pice to the Work Hell, wherein mention is made of the Turks, that it was not worse till the time of Hermatins, though the Year Schools's Middian's the Schools's Middian's Widnian's Widnian's

venth Century.

The 'the Name Tahmud, in its Latitude, include both the Milibras, and the two Genura's; yet is it properly that of Alls and Tyles alone which is meant under that Name.

This the 'fews prife shove all their other Writings; and even fet it on a Level with Scripture lifeld: In effect, they conceive it as the Word of God, derived by Tradition from Alleft, and preferred without Interruption to their time.

Sec TRADITION.

R.a. Jehnda, and afterwards R. Jehanan, R. Afa, and R. Jofa, fearing the Traditions should be lost in the Di-persion of the Jews, collected them into the Mifebua and Generae.

GEMATRIA, or GAMETRIA, the first kind of srithme-tical Cabbala, used by the Cabbalistick Jews. See Cassala. Gematria is a Geometrical, or Arithmetical manner of explaining Words; whereof there are two Kinds: The first bearing a more immediate Relation to Arithmetick; and

the latter, to Geometry.

the latter, to Geometry.

The first conflict, in taking the Numerical Value of each
Letter in a Word, or Phrase, and giving it the Sense of
some other Word, whole numerical Letters, taken after the
same manner, make the fame Sum.

For it is to be observed, that neither the Hebrows, nor
Gentle have made by Mannel Cities the Hebrows, nor

together make 1116. And as to the latter; 3, fignifies 2 5 7, 200; N, 1; W, 300; A, 5; J, 50; W, 300; A, 5; J, 50; D, 2; 7, 200; and N, 1: Which, famm'd up, yield the fame ber 1116.

Whence the Cabbalift concludes, בראשית ברא, in the Whence the Cabbalil oncides, N°2 PruNN, is the Normal Registrate Per created, fignifies the time thing as DNN2 Registrate Per created, fignifies the time thing as DNN2 and accordingly, the received Opinion of the Cabbalist, and accordingly, the received Opinion of the Cabbalist, which was articated at the legislating of the Month North Nort Meffiah.-

Intentian.—
The jecond kind of Gematria is much more obscure, and difficult; and accordingly lefs used: "Tis employd in secking for abstrue, and bidden Interpretations in the Dimensions and Parts of the Buildings mention'd in Scripture, by dividing, multiplying, See, those Magnitudes by each other. Of this we flatil give an Example from some Cartifista Cab.

balifts ballif.

The displace field has been also been as a collision of the displace field by the first point of t

the Ark After the fame manner, is the fame Name 'W' found in the Dimensions of Submon's Temple. But it is rather an figury, than a Advances or the christian Religion, to sup-port it by such frivolous Evidences. The Word Generaria is derived from the Rubbinical

Hebrew אינובריא, form'd by Corruption of the Greek Traμιτρία Geometry.

GEMELLES, in Heraldry, a hearing of Bars by Pairs, or Couples, in a Coat of Arms: As, he beareth Gules on a Chevron Argent, three Bars Gemelles Sable, by the Name GEMELLUS, in Anatomy, a Muscle of the Arm, call'd

alio Biceps externus, as having two Heads. See Bicers.

One of the Heads of this Music rifes tendinous from the upper Part of the inferior Cofta of the Scapula, whence paf-fing between the Muscles to the back Part of the Humerus, ing newcost the Frances to the back as of the Humerss, it joins the other Head; and both run together to their Infertion at the Anco or Tip of the Elbow.

The Gemellus is the first Extensor of the Cubit; and is

by many reckon'd two diffinct Muscles; the first called Lon-

by many reckord two duthmer attempts of the duthmer and gray the latter, Erveit.
GENBIN, in Aftronomy, the Tunint a Confiditation, or Sign of the Zodica: The third in Order; representing Caffor and Politics. See Story, and Construction.

Sign of the Zodica: The third in Confidence of the Confidence

whereof, are as follow.

Stars in the Confiellation GEMINI. Names and Situations of the & Longitude | Latitude, | E

Start.	10	ngst	100		Lati	tuoe.	Spy
That preced. Cafter's Foot merris	E o	27	24	0	12	A A	4
	27	13	25	0	0	50 F	8
	27	54	29	0	21	65 A 65 A	8
	28	18	11	0	57	59 b	7
5							1
In preced. Foot of Cafter	28	30	25	0	32	35 A 00 A 20 B	7
In preced Foot in Coppa	29	23	55	0	32	20 B	7 8
	29	33	5	0	18	48 1	1 7
10	00					25 E	1
	55 O	- 5	39	0	3	40 B 05 A 22 A	8
	0	6	35	0	8	05 A	8
Subseq. in the same Foot	0	50	20	0,1	51	18 A	139
	1	54	12	0	32	25 A	17
15				1		13 A	
	2	12	43	2	50	00 4	7
In Extrem, of Cafter's hind Foot	2	28	20	3	06	09 A	4
	- 3	19	16	1 7	22	33 A	47
20	- 5	23	4	Ι,	29	15-	7 9
	á	. 38	19	5	28	25 A	1
	3	27	46	4	46	30 I	6
	4	20	27	16	14	30 E 39 E 57 E	1 4
85	4	, 6	16	5	47	05 I	6
Lucid Foot of Pollem			9	1		19 £	١.
	- 4	2.4	35	1 5	- 4	. 50 I	3] 6
	- 4	4.0	34	5	2	43 E	7
In Caftor's upper Knee		36	27	15	27	34 £	5
30				ł			1
	5	36	22	1 5	52	40 I	6
	6	31	40	19	50	24 £	1 7
In Extrem. of Pollux's hind foot	6	52	53	10	07	57 £	4
3.5	7	2	57	10	20	13 E	1 7
	7	41	5	6	45	50 E	6 ;
In Caftor's Fore-arm	6	47	30	ro	58	25 I	4
That proced. Pollux's Knee	8	27	40	2	31	50 A 25 I 38 A 15 A	17
-	8	9	40	2	29	091	6
In the Heel of Pollux's hind-foot		۰		١.			١.
an entered of a compa s minu-tool	8	53	15	1 2	40	15 8	10
1 0 0 1 00 1	9	12	13	3	7	36 H	6
In Caftor's Thigh In Hind-knee of Polius	. 5	1 52	20	1	30	27 8	8 6
45				1			1
In Caftor's Grain	10	42	25	10	0	11 E	16 9
In Fore-arm of Cafter	12	II	13	6	34	25 A 03 E 25 E	10 5
	11	34	30	4	21	25 E	6
Lowest in Castor's Loins	12	9	12	I	41	05 E	6
50	To	. 3	8	10	17	36 I	1
	23	13	35	17	13	36 I	4 7
						20 6	

13 21 51 6 13 13 A 6 7 12 33 46 2 29 56 B 5 11 4 27 14 5 40 37 A 5

Upper in Caftor's Loins That against Pollux's Log-

GEM (132)	GEN
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GEN	4		/
Names and Situations of the Stars.	Longitude.	l .	Sur
	mia ii š	0 13 07 A	1 2
In Pollux's Belly	14 49 35	1 40 58 A	16
That against Pollun's Side	14 32 05	2 SS AL B	18
Time obsessed to the control	14 49 35		17
	14 21 25	5 31 06 B	7
50	, -, -,		1
In hind Shoulder of Cafter	14 38 IC	5 43 35 B	4
South against Pollux's Side	16 00 4	1 41 55 A	6
Against Caftor's Ear	14 44 46	9 45 to B	1 5
North against Pollun's Side	16 OI 20	0 29 28 A	6
Against Castor's hind Shoulder	15 22 58	6 09 23 B	6
. 55			
Contiguous thereto, but more S.	15 30 51	5 58 20 B	7
In the proced. Head of Caftor	15 55 20	10 03 48 B	1
	18 13 58	6 02 17 A	17.
Preced of a under Pollux's Side	18 15 24	5 50 2t A	6
Subleq. in Cafter's Shoulder		5 50 21 A 5 11 01 B	1
	16 10 28	13 18 13 B	6
Over Caftor's Head	16 23 22	12 52 49 B	. 5
	17 35 36	6 16 15 B	6
	17 43 29	6 14 26 B	17
Second under Pollus's Sido		6 14 16 B 3 47 19 A	
Between the two Heads	18 17 56	7 25 46 B	1 5
Over Pollux's hind Shoulder	19 01 13	4 14 so B	6
In the hind Shoulder of Pollux	19 20 18	3 01 23 B	4
In the Head of the ad of Pollux	18 56 05	6 39 27 B	2
	10 12 59	0 57 03 A	7
70			6
Over Pollux's Head	£8 20 47	12 OF 41 B	
Third under Pollux's Side	10 45 53	2 40 59 A	
(lux	20 29 59	1 57 19 B	16
Preced. of those that follow Pol-	20 55 12	5 44 38 B 1 21 33 B	l s
	21 40 57	1 21 33 D	1'
Last of 4 under Pollux's Side			17
Middle of those y' follow Pollux	×2 43 34	3 4 41 A	1 5
stradic of male y tollow y strate	22 54 20	0 54 41 A 7 51 26 B 7 08 01 B	16
North of those yt follow Pollux	24 07 40	9 27 22 B	6
North of thoic y tonow 2-sinar	24 35 27	92/ 222	, •

GEMINI, in Anatomy, two Muscles of the Thigh, which arife from the Protuberance of the Ischium, and are inferred with the Pyriformis into the Dent at the Root of the great

GEMMA, or Sal Gemma, is peculiarly used for Rock Salt, or Salt dug out of Mines.—See Salt.

The Name Gemma is applied hereto, on occasion of its uftre, and Brillant; which is not unlike that of Crystal. The principal Mines of this Salt are these of Wilifen, in Poland; of Eperic, in Upper Hungary; and of Cardonia, in Catalonia.—The principal Use of this Salt is for the powdering, or pickling of Meats, in Places defitute of Salt-Springs, &

Deprings, O.F.

GEMMA, among Botanifts, the turgid Bud of any Tree,
when it is beginning to bear; call'd alib Gentles, or Eye.
See Bud. Evs. &c.

GEMONIÆ, call'd alib Reale Gemoniæ, and Gradus
Gemonii, among the Remanse, were much the fame as
Gallecut, or Gibbets in England. See Galicout, or Gibbets in England.

The Gradus Genouii, according to Publius Victor, or Sextus Rufus, was a Place rais'd on feveral Steps, from whence they precipitated their Criminals. Others repre-fent it as the Place whereon they were executed, and alter-wards exposed to publick View.

The Genonie were in the tenth Region of the City, acar the Temple of June. Camillus first appropriated the

The Genome were in the tenth Region of the City, feat the Temple of June. Camillus first appropriated the Place to this Ufe, in the Year of Rome 358. Some fay, they were thus denominated from the Person who raied them: Others, from the first Criminals, that the first on the College from the Very one of fight or green.

fer'd on them: Others, from the Verb gense, I figh, or groan-GEMOTE, Conventus, a SaxonWord, denoting a Meeting. DEMOTE Conventing, SavawWord, decoring Metring. GMOTE, Conventing, SavawWord, decoring Metring. Omnit brown factor the cando as Genotum & Genotum

SCE GUARDS. At prefent, the Companies of the King's Gard de Corpt, the Musqueteers, and Light Horse, are reputed to belong to

the Gendarmerie. See Gendarmerie. The Grand Gendarmes, fometimes call'd fireply the of about 250, who guard the King's Person. The King himfelf is their Captain; and one of the prime Peers, the I teutenant Captain. When the King marches with all his Houshold Troops, the Gens & Armes close the March.

Their Device is, a Thunderbolt, falling from Heaven, with the Motto, Suo jubet irratus Jupiter. There are allo Gent & Arms of the Queec, the Dauphin, Sec.
GENDARMERIE, or GENS of ARMERIE, the Prench

Cavalry, and particularly that of the King's Houshold. Sec

GENDARMES.

GENDARMES.
The Gendarmerie, at meelest, is a Body of Horie, confid-ing of 16 Companies, vils. the Secteb Gendarmes; the En-glif Gendarmes; the Burgundy Gendarmes; and the Flemilio Gend Armet: Which four Cempanies compose the King's Gent & Armet: or Life Cing. Gens & Armes, or Life Guard.

The other Companies take their Names from the Princes

The other Companies take their Names from the Frince who command them, as Capathag vice, the Queen's Gest & Jimms; the Queen's Gest & Jimms; the Daughins Legar Horle: The Daughins Gest & Jimms; the Daughins Legar Horle: The Daugh Gest & Jimms; the Daugh of Burg-mady's Light Horle: The Daugh of Gest & Jimms; the Daugh Company, at a Medium, coshills of 9 Gest & Jimms; the Daugh Horle: GENDER, Geston, in Menaphyticks; the Genous, and

Gender, in Grammar, a Division, or Distinction of Nums or Names, according to the different Sexes of the Things they denote. See Nous.

It has been thought proper, in order to render Discourse ore express, and distinct, as also to embellish it by a Vamore express, and diffinet, as also to embellish it by a Va-riety of Terminations; to contrive certain Diversities in Adjectives, accommodated to the Subflantives they are applied to : Whence, from a Regard to that notable Difference there is between the two Sexes, all Nouns Substantives have been distinguish'd into Masculine, and Feminine, and the Nones Adjectives also varied to corresponde therewith. See

ADJECTIVE. But as there was an Infinity of Words, which had no pe Due as torre was an inhanty or words, which had no pre-per Relation, either to the one Sex, or the other; they had Gendery stligned them, rather out of Caprice, than Rea-fon 1 And hence it is take the Gender of a Nous is frequent-ly dabinus and fluchating. See Maxeuxins, and Frankinson. It flouid here however be observed, that this latitudion of Genders was not made with Design and Deliberation, by the Mathes of I groups.

or tremers was not made with Deign and Deliberation, by the Matters of Language, but was introduced by Cution and Ulage. At first, there was only a Difference between the Names of Animals, when fiche of Males, and Fe-males, by degrees, the same Regulation was extended to other Things: The Grammarian have only observed and followed, what Ufage had ethabilited.

The Original Languages frequently neglect the Use of Genders; and the Perstan Language has none at all, which is no Diladvantage; the Dillinctice of Genders being intre-

is no Dickvantage, she Dilincilico of Genders benga nucu-partico de la compania del compania del compania de la compania del compania

into est; of which Number are Abbot, Abbels; Count. Counters; Actor, Actres; Heir, Heirels; Prioce, Priocels, &c. which is all that our Language knows of any thing like Genders. The Eaftern Languages, as well as the vulgar Languages of the Welt, have only two Genders; the Majouline Gender, and Feminine Gender. The Greek and Latin have likewife

the Nenter, Common, and the Doubtful Gender; and fide thefe, they have the Efficence, or Promiticous, which under one fingle Gender and Termination includes both the Kinds. See MASCULINE, FEMININE, NEUTER, EFF Geometrical Lines are diffin-

GENDER, in Geometry. Geometrical Lines are diffin-guilful into Genders, Claffes, or Orders, according to the Number of the Dimensions of an Equation, experiting the Relation between the Ordinates, and the Abkillar. See GEOMETRICAL Line.

GENDRA; in Boamy,
GENDRA; in Boamy,
GENDRA, in Mufick, &c. > fee } GENEAL OGY, a Series, or Succeffion of Anochoes, or
Progenitors: Or, a furnmary Account of the Relations and
Alliances of a Perion, or Family, both in the Direct, and
Collected Lines. See Lines, Collaborate All, Direct, or

COMMETRIA LINES. SEC LINES, ONLINERAL, DIRECT, DE-REES, USC.
In divers Chapters, and Milliary Orders, 'ris required that the Candidates produce their Genealogy, to flow that they are Noble by 60 many Defenue. See Director. 'The Word to Greek, yearwayie, which is formed of yorde, Genut, Profisia, Race, Linesge; and Air & Serme, Dif-

Genealogical Tables, Genealogical Tree, Genealogical Co-Imm : The Genealogical Degrees are to presented in Circles, ranged over, under, and afide of each other. The Antients had the like; which they called Stemmata, from a Greek Word, figuifying Crews.

GENERAL.

GENERAL, femething that comprehends all, or extends to a whole Geous. See Genus; fee also Universal.

Thus we fay, a General Rule, q. d. an universal Rule, A general Lois, Se. 'Tis disputed, whether Neab's Flood

was general, or no. Soc Diluor.
All the Sciences have form general Principles, or Maxims,
Sec Maxim. A general Coart: General Coancils are particularly called Occumental. Sec Occumentate
General is particularly applied to divers Officers shd DigGeneral is particularly applied to divers Officers shd Dig-

States GENERAL, GENERAL Council, fcc STATES.

OECUMENICAE.

ASSEMBLY.

VICAR. GENERAL Affembly, Vicar GENERAL, &c.

VICAR GENERAL, GE. J. (VICAR GENERAL Officer), in an Army, are those who do not only command over a fingle Company, to Regiment; but whose Office and Authority extends over a Body of feweral Regiments of Horic, and Foot.
Such are Lieutenant Generali, Major Generali, Generalis

of the Horfe, of the Foot ; Paymafter General, Commiffary

of the Horte, of the Foot; Taylingher vinetaria, communications of General, (Drivingon General, & Carrigon General, & Carrigon

interminating the tree are the are acted to the annual forces, cither infantry, or Cavairy, See Bardanis.

The Pay of a Lieutenant General, when in Service, is 4, 1 per Day. Of a Major General, 2, 0 fa 2 rigadier General, 1, 1, 105. Of a Explain General, 101. See Lieutenant General, 11, 105. Of a Captain General, 101.

We have also Officers in the Law, in the Revenues, &c. diffinguish'd by the Appellation of General: As, Attorney General, Solicitor General, &c. See Arronney, and So-

Receives General, Controlles General, &c. See RECEIVER, and CONTROLLER.

GENERAL is also used in a Monastic Sense, for the Chief

GENERAL is also said in a Monafile Sensie, for the Chief on Order; or all the Houles, or Congregations catabilitied of an Order; or all the Houles, or Congregations catabilitied Clifterians, the Proneigloux, Sec. Sec Onnes.

Far. Thomasfile deviews the Origin of General of Orders, from the Privileges general by the autient Institution to the Privileges general by the autient Institution to the theory were excepted from the Justificiation of the Billops, and immediately fabighed to that of the Patriarch alone. CRENIAL is also just in the Dillary Mr for a particular CRENIAL is also just in the Dillary Mr for a particular CRENIAL is also just in the Dillary Mr for a particular CRENIAL is also just in the Dillary Mr for a particular CRENIAL is also just in the Dillary Mr for a particular CRENIAL is also just in the Dillary Mr for a particular CRENIAL is also just in the Dillary Mr for a particular CRENIAL IS ALL TOTAL CRENIAL IS ALL TOTAL CRENIAL C

March, or Beat of Drum. To beat the General, is to give Notice to the Infantry to march. See Daum.

GENERAL Terms, or Words, are such as express, or de-note general Ideas. See Worn.

note general ideas. See Word.

Ideas become general, by leparating from them, the Circumflances of Time, Place, or any other ideas that may determine them to this or that particular Existence. See Inna.

By this way of Abstraction they become capable of reprefenting more individuals, than one, each of which having a Conformity to that abstract idea, is of that Sort. See

fig a Conformity or that abbirdled, shot that Sore. See
All Things, Mr. Lede Orderen, that castl, being Patters.
All Things, Mr. Lede Orderen, that castl, being Patters.
All Things, Mr. Lede Orderen, that castl, being Patters
that the Conformity of the Conformity of the World, that make all Languages, are general Terms.
This is the Edited of Readon and Nocestily Fig. 17 in impossible that every particular Thing, flowall bere edited in the Conformity of the C autga, wherest one stone has the Idea in his Mind, could not be displicator of intelligible to another, who is not acquainted with all those particular. Things which had fallen under his Notice, 5° It would be of no great us for the Improvement of Knowledge; which, tho Tounded in particular Things, calarges intell' by general Wises, to which Things, reduced into Sorts under general Names, are properly inference.

perly subservient. In Things, where we have occasion to confider and difin Things, where we have occasion to connect and counter of individuals, and Particulars, we use proper Names: As in Persons, Countries, Citica, Rivers, Mountains, Efc. Thus wee see that Jockeys have particular Names for their Horses, because they have often occasion to mention this or

arones, because truey agree otten occasion to mension this or that Horse particularly, when he is our of sight. The first ideas Children ger, are only purificular, as of the Narfe, or Morber; and the Names they give them, are confined to their Individuals: Asterwards, observing, that there are a great many other Things in the World that re-femble them; is Name, and other Onalities, shee framean femble them in Shape, and other Qualities, they frame an Idea, which they find those many Particulars do partake in; to that they give, with others, the Name, Man, for Ex-

sample. In this tiley make nothing new, but only leave out of the complex Idea they had of Peter, Semen, Many, 8cc. that which is peculiar to each, and retain only what is common to all. And thus they come to have a general Nanief and a general Idea

and a general idea.

By the littine Method they advance to more general
Names and Notions: For, observing feveral Things that
diffilt from their idea of Man, and whitch canner, therefore,
be comprehended under that Name, to agree with Man in fome certain Qualities; by retaining only those Qualities, and uniting them into one Idea, they have another, more general Idea; to which, giving a Name; they make a Term of a more comprehensive Exception.

Thus, by leaving our the Shape, and fome other Proper-ties fignified by the Name, Man; and retaining only Body, with Life, Senle, and spontaneous Motion; we form the tion figuritied by the Name, Man, and restaining only Body, with Jiffs, Seni, and fipotaneous Monton, we form too least signified by the Name Animal. After the fame minamen, the Mining received to Body, Soldmane, and at latt for any least with the property of the proper

Ideas, which the next general Term flands for

From what has been faid, it is plain, that General and Univerfal belong not to the real Existence of Things, but are the Inventions of the Understanding, made by it for its own Use, and concerns only Signs, either Words, or Ideas. Sec Universal.

General Words do not barely fignify one particular Thing; for then they would not be general Terms; but proper Names: Neither do they fignify a Plurality; for then Man Names: Neither do they ignify a Furrality; for then asian and Men would fignify the fame thing; but what they fignify, is a fort of Things: And this they do, by being marked a Sign of an abtiract I deat in the Mind, to which Ibose, as Things exilling are found to agree, to they come to be aranked under that Name, or to be of that fort.

The Effences then of the Sores, or Species of Things, see thing but these abstract Ideas. See Asstract. It is not denied here, that Nature makes Things alike; and so lays the Foundation of this forting and classing: But the Sorts or Species themselves are the Workmanship of toe ours or opecies themicines are the Workmanling of buman Underlanding; so that every dillingt abfirate idea; is a diffined Effence; and the Names that that for fuch diffined Ideas, are the Names of Things effontially different. Thus Owal, Circle, Rain and Scow are effourially different

See this further illustrated under Essence, Sunstance, &c., GENERALISSIMO, call'd also Captain Generat, and GENERALISSIMO, cil'd also Captam GENERAL, as and diffugly, the Captallar, is an Officer, who commands all the military Powers of the Nation, who gives Orders to all the other General Officers, and receives no Orders to all but from the King.

Mond. Zabase observes, that the Cardinal de Richelierá firlt made this Word, of his own abdoute Authority, upon this going to command the Prents Army in Italy.

his going to command the French Army in Italy.

GENERATED, or Generates, is used in Mathematicks;
for whatever is produced, either in Arithmetick, by the
Multiplication, Division, or Exemelion of Reces; or in Geomery, by the Invention of the Contents, Areas, and Sides;
or of extreme and mean Proportionals, without arithmetical
Addition, and Subitraction—

GENERATING Line, or Figure, in Geometry, is that which by its Motion or Revolution produces any other Figure, Plane, or Solid. See GENESS.

gure, Piane, or Solid. See GENERSIS.
GENERATION, in Phyticks, the Aft of procreating, of producing a thing, which before was not: Or, as the School-men define it, the tend Change; or Convertion of a Body, into a new one, which retains no fentible Part or Mark of

iftence of the old ones; by which Generation is diffinguish'd from Creation. See Caration.

from Creation. See CREATION.
It is diffinguish'd from Alteration, in that the Subject, in
this latter, remains apparently the latnes and only the Accidents, or Affections are changed: As when the fame Body
is to day well, and to morrow fick; or Brafs, which before

was round, is now figure. See ALTERATION.
Laftly, Generation flands opposed to Cornistron, which is
the utter Extinction of a former Thing: As, when that which
before was Wood, or an Egg, is no longer the one or the other?

Whence it appears, that the Generation of one Thing is the Corruption of another. See Corruption. The Peripateticks explain Generation by a Change of

GEN

Paffage from a Privation, or Want of a fabilitatist Form, to the having of fach a Form. See Sobilitatist Form. The Moderns allow of no other Change in Generation, than what is lead: According to them, its only a Transfer fitted or new Arrangement of Parts; and thut, the faune Marter fault Interestingly and an analysis of Generation.

Marcer final facettively undergo an Infinity of Generations. A Grain of West., e.g., is committed to the Ground; this imbelting the Humdiry of the Soil, become surple, and dilutes to fach Pheyers, that it becomes a Filian; sail, by the state of the Soil, becomes a Filian; sail, by the state of the Soil of the Soil of the Soil, become a Filian; sail, by the state of the Soil of the Soil

canus of the poot, Decomes Fish.

Now, in all this Series of Generations, the only thing effected, is a local Motion of the Parts of the Matter, and their fettling again in a different Order; for that, in Reality, wherever there is a new Arrangement, or Composition of Elements, there is a new Generation; and therefore Generation. Tration is reduced to Motion. See ELEMBERT, and MOTION.
GENERATION is more immediately understood of the
Production of Animal and Vegetable Bodies, from Seed, ar the Ceition of others of different Senes, but the fame Genus, or Kind. See Animal, and Vegetaelt, fee also

SEX, &c.

Some of the modern Naturalists maintain, after Monf. Some or the modern Naturalitis maintain, after Mont.
Pervault, that there is not properly any new Generation:
That God created all Things at first: And that what we
call Generation, is only an Augmentation and Expansion of
the minute Parts of the Body of the Seed; fo that the whole
Condition to the foremetal of the Seed of the Seed; for that the whole Species to be afterwards produced, were really all form'd in the first, and inclosed therein; to be brought forth and exclosed to view in a certain Time; and according to a certain

Order and Occoromy. See SEED.

Thus, Dr. Garden: 'It is most probable, that the Statinine of all the Flants and Animals that have been, or ever fhall be in the World, have been form d ab origine. Minusit, by the Almighty Creator, within the fairl of each * Minust, by the Almighty Creator, within the first of cach respective Kind. And he who confiders the Nature of Vision, that it does not give us the true Magnitude, but only the Proportion of Things; and that what seems to our naked Eye but a Point, may truly be made up of as many Patts as seem to be in the whole Universe, will not think this an abfurd or impossible Thing.* Mod. There. of Generat.

The Manner, wherein the Seed of the Male Animal acts The Minner, wherein the Seed of the Mate canimal age on that of the Fernals, to improgrants, and render it pro-lifet, has long been inquir'd after; and yet remains itill a slyttery. Some, with Arrijsteth, bod the Male Semen to do the Office of a Cospulum; and the Fernale that of Milks Which fome later Authors have improved on, by fappofing the Male Seed an Acid, and the Fernale an Acid. Data Acid and Acid Cospular and Acid Acid Cospular and Acid Cospular an the thinner Seed of the Female, as Water, out of which two an animal Patte is wrought, and baked by the Heat of the Womb. But the Moderns are generally agreed, that what Biffelt foever the Male Seed produces on the Female, 'tis by Motion and Mechanicks that it produces it.

Motion and Mechanicks that it produces It a Generation of Jaimals, or Animal Generation of Jaimals, or Animal Generation, is a Process in the Occonomy of Nature, very difficult to be traced. The Peats concurring hereto, are numerous; and their Functions mostly discharged in the Dark.

The Antients diffinguish'd two kinds of Generation: Re-gular, called Univocal; and Anomalous, called also Equiocal, or Spontaneon

const, or Systemateum.
The first was effected by Parent Animais of the fame lind; as that of Men, Brisk, Beath, Eds. The found was lind; as that of Men, Brisk, Beath, Eds. The found was lind; hence, If the Beath was the linds, Prop., If the Beath was linds, Prop. (In 1994). The property of the Parent was the property of the Parent was to predict a Receiver, and Parent was linds, Prop. (In 1994). The Receiver of Parent was the originally in the Starf of the Male, Anderson, and the Parent was linds and the Parents was linds and the Pa

the affilt and the second and the se

The I^a of these Points he argues from the three follow-ing Observations: O That femething has often been observed by Malpighi, in the Cleatricula of an Egg before Inculation, like the Ru-diments of an Animal, in form of a Tadpole. See Crea-

TAINTHAN

2º Frem the finden Appearance and Difpirting of all the
Party, after Incubation, it feems probable, that they are
not then cloudly fermed our of a Fallow
ment then cloudly fermed our of a Fallow
ment of the first our of the Chick, which is difcovered with the naked Eye, in the **pendent modates*, and
that not rill three Days and Nights of Incubation are pilt;
port. This made De. Harrayy contactly, that the Book
hard as Being before any other Fart of the Body, and that
from it all the Organs of the Ferna were both formed and
the Tairs are then only to fire exemple, as to be made vithe Tairs are then only to fire exemple, as to the made vithe to the made left; and that they over schully cuitled as tine rares are then only to far extension, as to be made vi-fible to the naded Eye, and that they were actually existen-hefore, and differentiable by Glasftes. After an incubation of 50 Hours, we fee the Head, the Eyes, and the Carina, with the Verechere, dillined, and the Heart. After 40 Hours, in Pulfe is wishine, and all the other Parts more diffined, which cannot be differented by the naked Eye, before the Beginning cannot be dilucrated by the naked Eye, before the Heginania of the fifth Day: From whence it learns very probable, that even the lo carly Dilkovery of those Parts of the Extas by the Microscope, is not the differning of those Parts newly form'd, but only more dilated and extended by receiving of Nutriment from the Colliquamentum; fo that they feem all to have been actually existent before the Incubation of the Hen. And what Swammardom has discovered in the fine he makes appear, that in those large Fruca's which

Transmartino of Infects, gives no Insul Light to this; face he makes appear, that in the foll large Frenc's which face he makes appear, the properties of the large frenc's which credite to be transformed into Aurolias, and planged often usern Water to make a Request of the oater Stin, you will difficun, then't the Transparency of their Record Memperishers, and the state of the st form'd. See Forrus, AURILIA, &c. 3° As to the Analogy between Plants and Animals: All Vegetables, we fee, do proceed en Plantsla; the Scods of Vegetables being no other but little Plants of the fame kind, relations being as other and inter rights of the lattle kind, folded up in Coats and Membranes: Whence we may inter, that fo carioufly an organized Creature, as an Animal, is not the fudden Product of a Fluid, or Colliquamentum, but the moment reduct of a Figure, or Configuration of the fame does much rather proceed from an Animackel or the fame kind, and has all its little Members folded up according to their feveral Joints and Pileratures, which are afterwards en-larged and diffended, as we fee in Plants.

The H^d Point, which our late Differences have made probable, is, that these Animalcules are originally in the Seed of the Male, and not in the Female: For 1° There are observ'd innumerable Animalcula in femine masculino, of all Animals. Leewenboeck has made this so evident, that there

Animals. Levemborch has made this for widner, that there form little room to other threeout.

For this proper with the proper with the property of the property with the prope

tail in Uve, Done occurs and sater increasition, and and malcale, makes it over probable that they are one and the fame. The fame Shape and Figure, which M. Lerewabecet gives us of the Asimalcule, Malapété gives of the Rudiments of the Perus, both before and strier Incubation, yea, and even the Ferus's of viviparous Asimals appear to at first to the nated Sye, where Dr. Harvey acknowledges, even the most perfect, are beginned or that all Asimales, even the most perfect, are beginned to

Worm.

4° This gives a rational Account of many Egena's at one
Birth, effectively that of the Controls of Hallmark. And how,
by one Coltion of the Male. See Fervu.

5° This gives a new Light, as it were, to the first Prohoey concerning the Adalbat, that the Good of the Woman
faul braith the Heast of the Serpens, all the cit! of Mahad being the most properly and truly the Eccel of the
Sand being these most properly and truly the Eccel of the

Man.

6° The Analogy already mention'd, which we may ra-tionally suppose between the manner of the Propagation of Plants and Animals, does likewife make this probable. Every Herb and Tree bears its Seed after its Kind; which Seed is nothing elfe but a little Plant of that Kind ; which being thrown into the Earth, as into its Utcrus, foreads forti its Roots, and receives thence its Nourishment; but has it its Roots, and receives thence its avoidable conjecture fome Form within it felf: And we may rationally conjecture fome fuch Analogy in the Propagation of Animals. See Vega-TATION.

The III³ Thing, which our Differences make probable.

The IIIs Thing, which our Diffeoeries make probable, is, That Animals cannot be form'd of thefe Animalcula without the Own in Feminis, which are necessary for fuplying them with proper Nutriment; and this is evinced from the following Conflocations.

to the control of the

many hundreds of them flouid not come forward at exec, at least while interest for in large as Field, in large as Field and the first flower of the first flower of the first flower flower flower from the foreign for the first flower with the Tellistic serv, and full of close flower got the with the Tellist ten, on any flower flower flower flower flower flower with the Tellist ten, and full of close flower flower flower with the Tellist ten, on any flower flowe

reduced by Dr. Colir. Now, granting once the Neccetity of a supers Nisida for the Permation of a Animalacia. In man appropriate the the Permation of a Animalacia city and the sare the Oraria appropriate of the 10-5; For the 'the Animalacia' coming fluiday: In fact, Colir, any Genn to the contract of the Colir, and the C

Time of Concepton.

It is locked difficult to conceive, how their Eggs flouid II is locked difficult to conceive, how their Eggs flouid II is locked difficult to conceive the Fillipsian Tubes, and the Orary, for in Trainfillion, and for into III. Heavy could never different any blood of the Time II in the Conceive Content Levi and their limits and their limits and their limits at content and their limits at the Tube, at the Time of Orietto, as makes them embrace the Oraries; and fisch and Approach their limits and the

for many Days, for the Teconolation of the Eggs at the J park slong. The latter Conjedence has the park slong and the latter Conjedence has the That the Animalcules are found to live a conflict special for the Litter, and that if they flowed in the corary is felf, the Fents would concreat for fifty that in the Orary is felf, the Fents would concreat for fifty that the bard the Conjedence of the Chief they would be the bard the Conjedence of the Advisorable proceed the Confedence of the Advisorable of Conjedence of the Advisorable of Conjedence of the Advisorable of the Conjedence of the Conjede

Thus much is upod for the Sylfern of Activation, con-The Rectainers to the Sylfern of Accionation of One-The Rectainers to the Sylfern of Cenessian of Oney, and that the Isomore of the Greus are also in the Onepolition of the Sylfern of Cenessian of the Sylfern Sylfern Cown, (fc. where the Vaglass of the Vorsub-Sel Long, White Long, Cenessian of the Sylfern of the Companion of the Sylfern of the Sylfern of the Cenesis and Long, which Vaglas is first with a thick, without the control of the Sylfern of the Sylfern of the Cenessian of the Sylfern of the Sylfern of the Sylfern Long and Long, which is solved to the Sylfern of the Holice Last, the Thickade of the Membranes of the Cyr-Rodd fear imprecentate to for exist afterior as the Male Social Boowever, will admit of form Dilipsut ich institite Mories and Agitation of the grotter Particles thereof, which give Loss of sum't highly year set he inne other't all vingers, Pergers, Water, Cen. Add, pire is in highly improbable, photo fine their large Numbers would produce to plential in Olipsung informach that it would be necessity for spay person Occompt of Nature to other Thing.

Analogy is likewife upped in favour of this Syftem: Thus, all Plants are maintained on affer from Eggs, shock being so other than Eggs under another Demonthage. All Object out Animals do unexceptionably rise from Eggs, which the Pemale cafe forth; and its highly probable, that the Visprassa only differ from Oviprassa, in that the Female lay and harch their Eggs with themselves. See Vivi-Rances and Oviprassassy.

Assent, and Corrocation.

Against this Physochia it is unged, that what ree shadly called Ox, or Eggs, in Women, are no other than little Cocks or Hieden, and of a certinal liquor And how can expect the state of t

Generative. Mem. det Anot. Reyulate Stires, Phi-190, 1790.
To this it is affectly that the one Weilerle have been added in Difficultions, descald and fesserated from the branching of the Company of the

Sir Jule Elgor (Bars a Milically, which feem an perfocipally applied case Sphenn, taken flaggy. The feeth's free Monitors in a Male, for inflance, which is the Produktier Monitors in a Male, for inflance, which is the Produktier Ball of the Body parties of it and, and a Mare, the Ball of the Body parties of it and, and a Mare, the the Feet, Tail, and East of that of the Sirce Hence it is a ragued, that the Readment of the greater Part of the is a greated, that the Readment of the greater Part of the cither conveys, or changes the Extremities. If the Male forpled the Astimatical, the Feeta Mondal dweys be of the ball of the Sirce Male of the Fernate (apply) is, it should be the Partie of the Partie of the Partie (apply in it should be the Partie of the Partie (apply in it should be the Partie of the Partie (apply in it should be the Partie of the Partie (apply in it should be the Partie of the Partie (apply in it should be the Partie (apply in the Partie (apply in it should be the Partie (apply in t

Generation of Man. As 'its in human Subjects, that the gradual Process of Eneration has been principally inquired into; and the Structure, and Office of the Organs fubforcient thereto, chiefly examined: What the lated Naturalitis, and Ananomish have feetled with regard thereto, its referred for this Head.

The Parts of Generation, then, are different in the diff-

The Parts of Generation, then, are different in the different Sexes.

Those, proper to the Male, are the Penis; the Testicles 5

Thole, proper to the Anne, and deferentia; the Parafta-

te, and the Vaja preparantia; which see described each under its proper Artice, Penns, Terrielle, Se.
The Parts of Generation proper to the Female, are the Pudhasam, the Cliteria, Nymphe, Hymen, Uterus, Fallerian Tuber, and Oparies of Testes. See Pudlandam, the Cateria, Nymphe, Hymen, Uterus, Pallerians, Theory, Missen, Uterus, Pallerians, Tuber, and Oparies, New York, Pallerians, Tuber, Tools, Nymphe, Hymen, Uterus, Pallerians Tuber, and Tuber, a

OVABLES

and OVARES.
The Process of Generation, fo far as the Male contributes to it, is as follows: The Penis being erected by an Affision of Bleod, as fiven under Exercitors, the Glans, at the fame time tumified; and the nervous Trapilles in the Glans, at the much rabbed, and highly excited in Coira; an ejeculatory Contraction follows, by which the Seed is pricis do not of the Semintul Vedicios, and expellid with time Proce. See Paris-

Let, If Accounting the Committee of the part of the Pennels, is thus: The Ciliotis being exclude, after the like manner as the Pennels, is thus: The Ciliotis being exclude, after the like manner as the Pennis In Man, and the neighbouring Parts all diffended with Blood, they more adoguately embrace the Pennis In Colvas and by their Inturneticence peris out a Liques from the Ciliotis about the Nei of the Wenth, to facilitate the Ag the fine time.

At the fame time, the Fibres of the Wemb contracting, open its Mouth (which at other times is extremely close) for the Reception of the finer Part of the Seed.

Thus, the Seed, pregnant with Animalcules, is convey'd

Thas, the Seed, pregnant with Animalcales, is conveyed, with fome Impress, into the Usera; where being retained by the convulie's Confliction of the inner Membrase therein, and further bened and agitated therein, it is prepared to the state of the stat being dilated, and expanded by this Embrace, roree the Egg, now ripord, into their Cavities, and gradually drive it forwards by their Vermicular Motion, till at laft they prorude it into the Cavity of the Womb, to meet the Seed, fome of the Antimakaisa whereof entering the dilated Pores of the glandulous Membrane of the Egg, are there retain'd, neurith'd, grow to its Navel, and fuffice to the reft of the less lively Animalcula. And thus is Conseption per-

form'd. See Conception. form'd. Sec CONCEPTION.

Others rather inppose the Seed convey'd from the Uterus
thre' the Fallopian Tubes to the Ora; and thus take the
Impregnation to be first perform'd in the Ovatica; or even
the Tube themselves, the Ora and Seed meeting by the

way

the law temmore, the O's and Seed meeting by the Obber, confidencing the Clofford of the Manh of the Weenly, and the Thicknell of the Membrane of the Own-there were the Confidencial of the Membrane of the Own-therefore fapped is taken up by the Cylins, which open in the Cotty of the Vages, or even Worsh y where invalidation that the Cotty of the Vages, or even Worsh y where invalidation that the Cotty of the Vages, or even Worsh y where the contract and impregence the English of Indian Twing of America, and Indian Property of Confedency, and make room for the Cotty, to paid into the Worsh, and make room for the Cotty, to paid into the Worsh, and make room for the Cotty, to paid into the Worsh, for the Cotty of the Cotty of

by which it grew to the Ovary, and thus form the Rudi-ments of a "Piccentia. See PLACENTA.

The farme Curies fill continuing, and the Porce both
the Placenta, and the Membranes being enlarged; the Egg
begins to fill the Capacity of the Womb, and at leagth
its Stem or Clays grows to the concave Surface thereoff, and in Stem or Cilyx grows to the concave Surface thereof: And thus is the Navel-Iring or Finiculus form d. See Funita-tian Ussair_Local_is, &c. See allo Fervs. This Syltem is founded on the Supposition of the Ani-maticula in the Male Seed.

matents in the Male Seed.

They who for them afide as uscencered in Generation, account for it that a The Seed, contribute volume, (oily, and faller Perus, as appear them in Feed Smell, designed allow Perus, as appear them to Feed Smell, designed and coulded a could

By this means the Tube become rigid, and fit to grafp the Ovaries, which are also heated by the Effluxia of the Semen, and the Warmth of the Parts farrounding. Upon ocmen, soo the Warmth of the Carts tarrounding. Upon this, a greater Flux into the Ovaries, still at length, the Ova, fome of them at leaft, by fach greater Supply of Nourifirment, increase in bluky and as thot grafted by the Edges of the Tube, will be kept warmett, and the greatest Flux be made thereto, they will foomed be ripen'd, fall off,

and be received by the Tube, and convey'd to the Womb; Where, growing, after the manner of the Seeds of Plante, the Placents at length takes hold of, and adheres to the Urerus; from which time the Embryo hegins to be nourified after a different manner. See Gastation; fee also Nu-

GENERATION of Infest 4 fee Insect.

GENERATION of Plants bears an admirable Analogy to that of Animals: See the Process deliver'd at length under the Article Generation of Plants.

The Parts of Generation of Plants, are the Flowers and particularly the Standina, Apices, Foring facundams, and Pifitis thereof. See Flowers, fee allo Standina, Fa-

RINA, and PISTIL.
GENERATION of Mulbrooms, Sec Musica

GENERATION of Minerals, or Foffils, for MINERAL, and Possil.

Positi.

Generating of Souri, fee Store; fee slif Star,

Generating of Souri, fee Street.

Generating of Souri, fee Street.

Generating in Theology. The Eather is fill to have
produced in Word, or Son, from all Berenity, by way of

Generating in Theology. The Eather is fill to have
produced in Word, or Son, from all Berenity, by way of

generating of the Word, which is really sufficied

in the way of Underthacking, is called Generation, by rea
time to the Word, in wires thereof, becomes like to him from whom he takes his Original; or as St. Paul expresses it, the Figure, or Image of his Substance, i. c. of his Being and Nature. See TRINITY, PERSON, PROCESSION, &c.

And hence it is, that the Second Perfon in the Trinity is

And Belief is a, time the occord action in the sample and all cities down. See Sam, See Sam,

GENERATION is allowed to figurity a People, Race, or Xuon of glocality in the liveral Translations of the Scripture: Where the Word generally occurs, wherever the Latin his words of the Control People of the Control Peop

Senfe, Historians usually reckon a Generation the Space of thirty Years, or there abouts. See Skeulum. Herodotus makes three Generations in an hundred Years;

Merodesta makes three Generation is an hundred Textsy which Compassion appears from the last Authers of pick which Compassion appears from the last Authers of pick to the Conference of the Conference of the Conference of Conference of Conference of Conference of Conference on the Conference of C Sec PENTATEVER

See Panyayare.

Is Andrei in Mofer: It centains the Relation of 1507
Years; seek from the Beginning of the World, to the Death
Office of the Relation of the Relation of the Relation
The Hypers are fields to read the Beginning of Geolegi,
and the Beginning of Exclude, before 10 Years of Age.
The Helerwest Little Book Bergindin, in regard is beginn
with that Word, which In their Language fignifies in principion, in the Beginning. Twas the Green's gave it the Name
Geolf, Tyren, p. A. Peckellion, Generation; by readin it
begin with the Hillings of the Production, or Generation of

Beings .-

an Beings.—
Cestrenus makes mention of an Apocryphal Book, entitled little Genefit, Genefit parva, containing leveral Incidents, not in the other: Some of which he has prefered; particularly, that Cain was buried under the Ruins of a Houte. cutary, that Cath was buried under the Ruins of a Houte-That an Angel raught Abraham the Hebrew Tongue: That Maftipbal, Prince of the Devils, advifed God to order A-dom to facrifice his Son, for a Trial of his Obedience: That the Children were only cast into the Nils for tea Months,

GENESIS, in Geometry, the Formation of a Line, Plane, or Solid, by the Morion, or Flux of a Point, Line, or Surface. See Line, and Surface; fee also Porny, and Fru-

The Genefit, or Formation, e.gr. of a Globe, or Sphere, is conceived by Supposag a Semi-circle to revolve upon a Right Line, drawn from one Extreme thereof to the other, call ditt Aris, or the Axis of Circumvolation: The Motion, or Revolution of that Semi-circle, is the Genefit of the Sphere, &c. See Axis 5 fee also Sphere, &c. See Axis 5 fee also Sphere, &c. George &c.

in the Genefit of Figures, &c. the Line, or Surface that inoves, is called the Deferibent; and the Line around which, or according to which the Revolution, or Motion is made, the Dirigent. See Description, and Dirigent. GENET, in the Manage, &c. a small fixed, well propor-tioned Spanish Horio.

Some also give the Term Geneta to well made Italian

To ride a la Genette, is to ride in the Spanift Fashion; i.e. with the Stirtups to fhort, that the Spurs bear upon the Flanks of the Horic. This is deem'd a Piece of Gallantry Flanks of the Horse. I has a determ a free of Unamary in Spain, but not among us.

GENETHILIACI, in Aftrology, Perfors who cred Horseofopes; or forcet what final betal Mon, by means of the Stars which prefided at their Nativity. See Horseofe,

and NATIVITY.

The Antients call'd them Chaldei, and by the general Name Mathematici: Accordingly, the feveral Civil, and Canon Laws, which we find made against the Mathematicians, only respect the Genethliaci, or Astrologers

They were expelled Rome by a formal Decree of the Se-nate; and yet found to much Protection from the Crodulity of the People, that they remaind therein unmodelted. Hence an antient Author (peaks of them as Homesom ge-

nut quod in eivitate nostra semper & vetabitur, & retine-bitur. See Astronogy. Antipater, and Achinapolus have shewn that Genethliology should rather be founded on the Time of Conception,

than that of the Birth. Vitruvius The Word is form'd of the Greek whiten, Origin, Ge-

GENETHLIACUM, GENETHLIAC POOM, GENETHLI-ACUM Carmen, is a Composition in Verse, on the Birth of fome Frince, or other Illustrious Person; wherein the Poet promise him great Honours, Advanages, Success, Victories, &c. by a kind of Prophely or Prediction.

Such is the Eclogue of Virgil to Pollie, beginning, Sicelides Muse paulo majora canamus.

There are also Genetibitae Speeches, or Orations; made to colcibrate a Person's Birth-day.

GENBVA, a popular Name for a distill'd Water; procur'd from the Seeds, or Berries of the Juniper Tree; which the French call Generaler, and the Berry Genevae: Whence the English Appellation Geneva—See Water, and

GENEVIEVE, St. GENEVIEVE, or St. GENEVIEVE.
The Fathers or Religious of St. Genevieve, is a Congregation of Regular Canons of the Order of St. Augustin; estab-

lish'd in France. The Congregation of St. Genevieve is a Reform of the Augustin Canons, began by St. Charles Faure, in the Abby of St. Vincent de Senlis, whereof he was a Member, in the

The Reform from fyread into other Houses, particularly that of Notre Dame a Eu, and the Abby of St. Geneview at Paris, chiefly by the Interest of the Cardinal de la Reche-faucaud, who was chose Abbot thereof in 1619; and in 1621 proposed the Refurm to the Religious of his Abby.

In the Year 1634 the Abby was made elective; and a General Chapter, composed of the Superiors of 15 Houses who had now receiv'd the Reform, choic F. Faure Co.adwho had now received the juter of the Abby of St. Genevieve, and Gen juter of the Abby of St. Genevieve, and Gen juter of the Abby of St. Genevieve, and Gen and General of the

whole Congregation. Such were its negatings.

It has fince increased very much, and now confids of above
an hundred Monasteries; in fonc whereof the Religious are
employed in the Administration of the Partines, and Hospi-

employd in the Administration at the Parlines, and Holpi-tals; and inchers; insthe Colebration of Divine Service, and the Instruction of Ecclefiatischs in Seminaries for the purpole. The Congregation takes in Same from the Abby of St. Geneview, which is the Chief of the Order; and whole Abbot is the General thereof. The Abby it self took its Name from St. Geneview, the Patronofs of the City of Pais , who died in the Year 512. Five Years after her Death, Clouis crected the Church of St. Genevieve, under the Name and Invocation of St. Peter; where her Relicks are fill preferv'd; her Shrine vifited, and her Image carried with great Processions and Coremonics, upon extraordinary Oc-casions, as when some great Favour is to be intreated or

GENIAL, GENIALIS, an Epithet, applied by the Anticats to certain Deitics, whom they supposed to preside over the Affair of Generation. See Gop.

over the Attair of Generation. See Gon.

Among the Genial Gods, Dii Geneales, fays Feftus, were
Water, Earth, Fire, and Air, which the Greeks call'd E-

The twelve Signs were also rank'd in the Number; as also the Sun and Moon. They were thus called a Gerendo, from Bearing: Or, according to the Correction of Scaliger and Voffins, a generate, to year, produce.—

Yet Feffus lays, they were also call'd Gerules, nr Gerules, high forms to require the furner Reading. M. Dotiers which feems to require the former Reading. M. Datier, in a Note, flows that gerere has the Senke of espiritus—GENICULI, in Botanny, the Knots; which appear on Horbs: Whence Botanith call those mark'd therewith Geniculate Plants. See PLANT.

GENIOGLOSSI, in Anatomy, a Pair of Muscles, proeceding inwardly from the Fore-part of the lower Jaw, un-der another called Gentalyzade; and which, enlarging themfelves, are fatten'd into the Batis of the Tongue. See TONGUE.

They force to pull the Tongue forward; and to thrult it at of the Mouth; being thus called from pives Mentry, the Chin, and phases. Lingua, the Tongue.

GENIOHYOIDEUS, in Anatomy, a Mucle of the Os Hyoides, which, with its Partner, is flort, thick, and fleffly; arting from the internal Parts of the lower Jaw.bone, called room toe internal Parts of the lower Jaw-bone, called the Chin; and diffaring themselves, are foom leffend again, and inferred into the superior Part of the Fore-bone of the St Hyudes. See Myselfs.

These pull upwards and forwards the Os Hyudes, and affilt the Genlegloss in thruthing the Tongue out of the

Month. See Hyordes.

They take their Name from ylavs, Mentum, the Ching

GENITAL, GENITALIS, in Medicine, fomething that GENITAL, GENITALIS, in Medicine, fomething that GENITALIS, GENERALIS, in Medicine, fomething that the Parts imploy'd in the Affair of Generation. See PARTS and GENERATION.

The Genital Gods, Dii Genitales, are sometimes used in the antient Roman Poets for those we otherwise call Indigs-

tes. See Indigents.

Aufonius, in the Argument of the fourth Book of the

Eweid, takes the Word in a different manner: The Dit Ge-Lowers, takes the word in a different manner: The Differentiates, he observes, were not find as were born of buman Parents, were not thus called quaff geniti ex bominibut; but rather because they hemselves had begot haman Ghildren: GENITALIA, or GENITALIA, in Antoniy, a Name

forcing Blood.

The Greeks diftinguish'd by the Name of Genites fuch of the Jews, as were iffued from Parents, who, during the Babylonifb Captivity, had not allied with any Gentile Fa-

The Word is form'd of the Greek yerirss .-GENITIVE, the fecond Cafe of the Declention of Nouns.

CC CASE The Relation of one thing confider'd as belonging in me manner to another, has occasion'd a new Termination Nouns, call'd the Genitive Cale. See Noun.

In English, the Genitive Case is made by prefixing the Partiele of ; in French, de, or du, &c. though, in Strictness, there are no Cases at all in either of those Languages, inafmuch as they do not express the different Relations of Things by different Terminations, but by additional Prepo-

in the Latin, this Relation is expressed in divers many ners: Thus we say, Caput Hominis, the Head of a Man, Color Rose, the Colour of a Rose; Opins Dei, the Work of As the Genitive Case forves to express very different, an

As the Gentieve Cash ferves to expect wery different, and core supposite Resistance, there dominates articles in Amis-ter appeals the Resistance, the submitted and the New Wound of Adellitis, the Gentieve Adellitis may either Eguilty for the Wound Adellite has received; or the Relation of a Month of the Resistance of Section 11 and the Relation of a Adellite has given Thus in that Palling of \$8. "Pasts, Cur-nu flum good neares more, some wise, Soc. ma Secret spe-re a contract plan in Christ, Sec. The Gentieve DEL. rare a courtest 20st in Corrigo, Sec. The Genitive DEIL, has been taken by Interpreters in two different Senfes; fome giving it the Relation of Object, and underthanding the Patings of the Love which the Elect bear to God in Jefus Christ, whereas others give it the Relation of Subject, and explain it of the Lore which God bears the Elect in Jefus Christ.

In the Hibbreu Tongue, the Genitive Cafe is marked after a manner very different from that of the Greek, and Latin; to whereas in those Languages the Noun Governia varied; in Hebrew they change the Noun Governing. GENITURA, or GENITURA, a Name four Authorit give to the Seed, both that of the Male, and Fernale. See

GENIUS, a good, or evil Spirit; or a Damon, whosti the Antients supposed for over each Person, to direct his Birth, accompany him in Life, and to be his Guard. See Das-

Among the Romans, Foftus observes, the Name Genius was given to the God who had the Power of doing all things, was given to the God who had the Power of deling all things, Deming with obliterest resum commising generatorian, which Vollins, de Ideloi, table, chuica to read generatorian, who has the Power of producing all Things, by reads Carliorians in equipment of the Commission of the Commission of the Accordingly, Sr. Angolfina de Criticia. Dei, relates, from Varre, that the Genius was a God who had the Power of generating all things, and predicted over them when pro-generating all things, and predicted over them when pro-

Feftus adds, that Aufustius spake of the Genius as the Son of God, and the Father of Men, who gave them Life; others, however, represented the Genius as the peculiar or tutelary God of each Place; And 'tis certain, this last is

the most usual Meaning of the Word.

They had their Gents of Nations, of Cities, of Provinces, gr., Nothing is more common than the following Infectiption on Medals, GENIUS POPULI ROM, the Genius of the Roman People: Or, GENIO POP. ROM. to the Genius the Roman Prop

In this Senfe, Genius and Lar were the fame thing; as in effect, Cenforiuus and Apuleius affirm they were. See La RES, and PRATES.

and, and Picturus.

The Plannulli, and other Endern Philosophere, fappoole the Genis to inhabit the vail Region, or Extent of Art, Section of the Control of

The Heathens was considered the Gentl as the Charactus Spirits of particular Performs, believed that they rejoyed, and were afflicted at all the good, and ill Fortune that beful their Wards. They never, or very rarely appear'd to them; and then only in favour of fome Perion of extraordinary

Virtue or Dignity.

They likewife held a great Difference between the Genit
of different Men; and that fome were much more powerful than others; on which Principle it was, that a Wizzard in Appian bids Authony keep at a diffance from Offavins, by reason Authony's Genius was inferior to, and stood in Awe of that of Octavius.

Awe of that of Obsession.

There were all E-Ming phone well Tallings: Such was that in Paterwise 1. Things: Such was that in Paterwise 1. Such grant phone before the Battle of Philipps. The General to Brunt the Night before the Battle of Philipps. The was and Lawaras. Cansus in most foregament well for the Sweet all Carlows, and Lawaras. Grantus is more frequently well for the Force or Faculty of the Soul, confidered as it thinks, or judges. Those well by A happy Grantus, a lighter for the first than the like the Cansus well by A happy Grantus, a lighter for the first than the like the force of the force of the force of the first than the like the force of the first than the like the lik

Thus we tay, A happy Genuts, a luperoc Genuts, an ele-rated Genuts, a narrow confired Genius, &c. In the like Senfe we fay, A Work of Genius a Wann of Genius, &c. Gantus is alfo udd in a more reflexified Senfe for a na-tural Taleant, or Disposition to one Thing more than aoother, in this Senfe we fay, A Genius for Vorle; for the Sciences,

GENS n'ARMES, for GEND'ARMES.
GENTIAN, a Modicinal Root, the Product of a Plant
of the filme Name; which the Antients, to render it the
more confiderable, denominated from Gentius, King of IIbria, who is supposed to have been the first that discovered the admirable Virtues thereof.

the admirable virtues torecot.

The Root Gentian is of a yellowish Colour, and intolerably bitter; is sometimes as thick as the Arm, but more commonly divided into Branches no bigger than the Thumb Its Stem is several Feet high, being very (mooth and yolish), the property of the property of the property of which arise the Leaves, which resemble those of Plantain.

Its Flowers, which likewife accompany the Knots, are yel-low; and its Seed, flat, round, fimooth, and light. This Root is held excellent against Poiloss, and even a nis Root is neue excellent sgainff Poliosa, and even sgainfit he Plague. It flands at the Head of the Stomachicks, warming and firengthning the Stomach, and helping Digefition. It is fudorities, and and with Succes in intermining Pevers, whosee fome call it the European Squissantinia, and is also an Ingredient in Treacle. Externally, it is used for Wannas.

it is used for Wounds.

The Plant affects mostle Places, and is found commonly enough in fome Parts of England, Burgitandy, the Albs, and Payrmeness; The Root is to be chole dry, new, of a moderant Thickness, free from Earth, and furnfitld with five little Branches or Fibers, and, if possible, that which is dry'd by the Alls, which is distinguishable by the Colour, it being

blackifh within Side, when dry'd in the Oven, and of a golden Yellow, when in the Aux.

GENTILE, GENTILES, a Pagan, or Perfon who adores

GENTILLE, GENTLELE, PAGEN, OF Perfon who shored clab. See Inco., Pacata, Sc. 14.

This Name the Fren gave to have or not of their This Name the Fren gave to have of Knidde. See Prest is called the Differe, or Applie of the of Knidde. See Prest is called the Differe, or Applie of the Centric, which ap-pellation be first gave hinded Rom. xi. 15, 41 on the Applie of the Centrale. I magingly most office. On the Central Central Central Central Central Applies of the Central Central Central Central Applies of the Central Central Central Central Applies of the Central Central Central Central Matth. Will. 11, 28th. 17, 42ff. 2xi. 4p. 2xii. 4, 7, 62t. xxiii. 5. Rom. 15, 11, 2xi. 2xii. 15, 75t. 17t. 18t. 17t. Rock 1xi. 15.

In the Roman Law, and Hiftory, the Name Gentile, Gen-tilis, tomerimes expredies those whom the Romans otherwise called Barbarious; whether they were Allies of Rome, or not: In this Senie the Word occurs in Ammianus, Anfonius, and the Notitia Imperil.

The fame People us'd the Word Gentilis in a m A me tame recopie used the word creatitis in a more pecu-liar Senfe, for all Strangers, or Foreigners, nor fubject to their Empire; as we fee in the Theodofau Code, in the Title Dr. Nuprii Gentilium, where the Word Gentite that oppoind to Provinciales, or the Inhabitants of the Provinces the Empire.
The Word is likewife us'd in the Greek; but was not in-

The Word is likewife and in the Greek has was not included either into that, or the Larm Tongue, till after Christianity was eshabilithd; it being atken thoma Seripute. Other Pacific Word Early, who were not lifeasitist; or like Freuer. Some will have it, that the Ganilie were that called in Courtailitation to the Frey, and Christians, by realion those latter have a pointive Law to observe in Maximum and the series of the Christians, by a continue that the contract of the Christians and the Christians Law; hence they are called Gentiles, quia funt uti geniti

GENTLEMAN, a Person of noble Birth, or descended of an antient Family, which has long bore Arms. See No-

of an antent bumy, we make the many and the many and have used to the many and have been freemen, and have oned Oxedience to mose but their Princer's Ost but in Propertor of Speech, so Man is a Grassframs who is not bern for the many and t

chant, or other Trade, he does not now me expen-cionally. Collow a Explant Mobility is their greater, or gentley. Collow a Explant Mobility is their greater, or 40 J. The greater constint all from Bironn upwards, inclu-fives. The lefter, all from Bironne downwards, configure of Becourts, Keights, Edguices, and Gentlemen. See No-The West is found of the French Gentlemens, or se-ther of Gentli, fine, fulficionalle, or becoming, and the Score, Man, 4, 4, bumples, or bendle from Interna-tion, Ann. 4, 4, bumples, or bendle from Interna-tion of Gentle from the Parks of these Interna-tions of the College of the College of the Section of the Section Period of None.

Person of Note.

Among us, the Term is applicable to all above Yeomen; fo that Noblemen may be properly called Gentlemen. See

If we go further back, we shall find Gentleman originally derived from the Latin Gentellis home, which was used among the Romans for a Race of noble Persons of the same Name, born of free or ingenuous Parents, and whose Angestors

born of free or ingemous Parents, and whose Amazinos had never been Slaves, or put to death by Law.

Thus, Cierre, in his Topick; Gentiles fluit, qui interfeceden fluit nomine ab Tagenthi orimids, quorum mojorum nemo fervittiem fervivit, qui capite non junt dimi-

nmi, 8cc and the transformed from Gennii; i.e. Fagus, Some the antimer Paulik, who compared fails a plant, was then converted to Christianiry, were called Gratical was then converted to Christianiry, were called Gratical to Chlear relate, that towards the Declasion of the Ro-Chlear relate, that towards the Declasion of the Ro-Chlear relate, that towards the Declasion of the Ro-Chlear relate, that towards the Christianis, and the other Stuttarierius and that it was hence derived the Names Gentlimon, and Lighture. ESQUIRE.

Esquire.

This Scatiment is confirmed by Palquier, who supposes the Appellations Gentils and Ecusyor's to have been transmitted to us from the Romas Soldlery, it being to the Gentilets and Soutarit, who were the beavest of the Soldiery, that the principal Beosfices and Portions of Lands were assigned. See BEXESTEE.

The Gauls observing, that during the Empire of the Ro-ans, the Scinarii and Gentiles had the best Tenements,

or Appointments of all the Soldiers on the Frontiers of the or Appointments of all the Soldiers on the Frontiers of the Provinces, became infentibly accustoment to apply the fame Names Gentilerament, and Enspert, to fach as they found their Kings gave the belt Provintions or Appointments to-Toffs, Reeb. L. II.C. 15. Toffs, Reeb. L. II.C. 15. In our Ostatores, Gentilis home was adjudg'd a good Ad-dies, and the state of the state of the state of the layer of the state of the state of the state of the state is very authors, but that Edgine or Gentleman, rate, be-fore 1 Heat. 4, See Any revenue.

is very antient, but that of Edgure or tremteman, tare, un-fore 1 Hows, See Addresses,
General See Addresses, whose Days and Attendance is in the Royal Chapte, being in Number 3:: Twelve whereof are Friells, and the other recent called Crest of the Chaptel, who sall in the Performance of Di-vine Service. See Canage.

One of the first twelve is chosen for Confessor of the Hous-hold, whose Office it is to read Prayers overy Merning to hold, whole Omeo it is to read Prayers overy Marning to the Hosefindd Servanus; to vifit the Sick; caraine, and prepare Communicants, and administer the Sacraments. Another, well verfed in Musick, is chosen first Organist; who is Master of the Children to instruct them in Musick, and what is necessary for the Service of the Chapue! A fe-cond is likewise an Organist: A third a Letanitt; and a

fourth a Violift. There are likewife three Vergers, fo called from the Silver Rods they usually carry in their Hands, being a Serjeant, Yeoman, and Groom of the Vestry: The first attends the Dean, and Sub-Dean, finds Surplices, and other Necessaries for the Chapel: The second has the whole Care of the Cha-pel, keeps the Pews, and sears the Nobility and Gentry: The Groom has his Attendance within the Chapel Door, and

looks after it.

GENUELEXION, the Act of bowing, or bending the

Knees or rather, of kneeling down. See Knreine.

The Jelink Rogereyd, in its Conomaticon, thew that Ge
stifferion, or Kneeling, was a very anchest Cuttom in the

Church; and even under the Old Tethament Differentiation:

And that this Practice was observed throughout all the Year. excepting on Sundays, and during the time from Eafter to Whitfuntide, when kneeling was forbid by the Council of

Nice. Others have shown, that the Custom of not kneeling on Sundays had obtain'd from the Time of the Apostles; as appears from St. Ireneus and Terruttian: And the Æthioappears from St. Deneuts and Tertuillas: And the Existpic Church, feruploudly attend to the anticut Ceremonies,
fill retains that of not kneeling at Divine Service. The
Ruffiant effection it an indecent Follure, to worthip God on
the Knees. Add, that the free viewly prey'd standing,
Ruffixery gives the Reasons of the Prohibition of Genuficial to the Common St. Ball, Anglafitis, St. Tatill Ruffield.

ftin, &c. Baronius is of opinion that Genuflexion was not cftablish'd before the Year of Christ 58, from that Passage in Asta, chap. xx. 26, where St. Paul is expressly mention'd to kneel down at Prayer; but Saurin shews that nothing can be

down at FENGES out owners makes that be primitive Confidence thence concluded. The fame Father remarks, that the primitive Chriffians carried the Fatherics of Genniquesons fo fat, that fome of them had wore Cavities in the Floor where they pray'd: And St. Form relates of St. Jonney, that he had contracted a Hardness of his Knees, equal to that of Carnels.

nets or ms ances, equal to that or cameis.

GENUS, Kind, in Logicks, and Metaphyticks, is that
which has Species under it: Or, it is the Origin, and Radix
of divers Species, joind together by fome Affinity or common Relation between them. See Species.
Or, Genus is a Nature, or Idea, fo common and univerfal, that it extends to other general Ideas, and includes

them under it. Soc GENERAL

return, intel executor better goests alone, as in thousand the common of the common of

The Genus firmmum is that which holds the uppermost Place in its Glass, or Predicament; or it is that which may be divided into feveral Species, each whereof is a Genus in respect of other Species plac'd below it. See Predica-

Thus in the Predicament of things fabfifting of them-felves, Sulfiance has the Place and Effect of Groun fina-num, and in predicated of all the Things constinal in that Clafe; for both Plate, and Man, and Animal, and even Spirit, are properly call debiling. Journal genera, as there are Claffics of Predicaments or Camporice. See Carra-rac Claffics of Predicaments or Camporice. See Carra-

A Subaltern Genus is that which being a Medium be-

tween the highest Genus, and the lowest Species; is fome-times confider d as a Genus, and sometimes as a Species. Thus Bird, when compar'd with Animal, is a Species;

when to a Crow, an Engle, or the like, a Genus,
Genus, again, is divided into Remotum, remote, where,
between it and its Species, there is another Genus; and

Detween it and its Species, there is another Genni; and PYDENTHIMIN, or next, where the Species is immediately under it; as Man, under Animal.

A good Definition, fay the Schoolmen, confift of Genni; and Difference. See Department, and Difference.

and Difference. See Depinitions, and Dipperence.

Generals allowed for a Character of Manner, applicable to every thing of a certain Nature 1 in which Sends it serves to make capital Divisions in divers Sciences; as Musick, Rhotorick, Botany, Anatomy, &c. Sée Arx, and Servere.

GENUS, GENDER, In Botany, a System, or Affemblage of several Plants, agreeing in some one common Character, in respect of the Structure of certain Parts; whereby they are

respect of the Structure of certain Parts; whereby they are dillinguished from all other Plants. See Plant: The Distribution of Plants into Genera, and Species, is abfolutely necessary to case the Memory, and prevent its being oppress d, and overburthend with an Infinity of different

The Knowledge of a Genus, comprehends, in a kind of Miniature, that of all the Plants belonging thereto; each be-ing denominated from fome Circumilance, common to the soic Kind, to fave the Embarrafs of fo many particular Names.

Names.

Something like this, even the common People do, effecially in the inflance of Rannandar; but in most other Plants the Difficulty is infinitely greater, as its large do find any thing in common among them, whereon to found their

Hence Botanists differ as to the Manner of regulating these Genera, and the Characters whereon they are to be establish'd: Mr. Ray's Distribution, see under the Article

One of the lateft, and bell Writers, Mont Thurseffert, af-ter a long and account Dicellion, he solds in instantion of the late of the lateful property of the lateful property of Print conflict? together, in that all Plans, which beer a Afkenbahane in their two reighed, are of the fune of many after which the refrective Directores to the Good-ce of the lateful property of the lateful property of the lateful property of the lateful property of the Mr. Age made conflicted Conserverly between the work of the lateful property of the lateful property of the lateful property in the lateful property of the Print were fulficient to ethichlist Genera, and to determine "The fine Mr. Agencyfor introduces another higher kind One of the lateft, and best Writers, Mons. Tournefort, at

whether a Plant was of this Genus, or that?
The fana M. Yenoupfur Introduces another higher ind
The fana M. Yenoupfur Introduces another higher ind
He observes, that he has never hithere met with above
fourteen different Figures of Pleusers which, therefore,
all that are to be retained in the Menney, is that a Ferio
all that are to be retained in the Menney, is of that a Ferio
He was the second of the second of the second of the
Lemman of Bosony: The Finit appearing fone Days at
the Elements of Bosony: The Finit appearing fone Days at
the Second of the Sec other Parts give its Species

It is a wonderful Ease to the Memory, to have only fourteen Figures of Flowers to retain, and by means hereof to be inabled to defeend to 673 Genera, which comprehend 8846 Species of Plants; which is the Number of those yet known by Land and Sea.

Genus, in Musick, by the Antients called Genus Melo-die, is a cortain manner of fubdividing the Principles of

AME, IS A COTEAN MARKOT OF IDENTIFYING THE PRINCIPLE OF MICHOSTY, BOTH THE AMERICAN THE MERCHANGE THE MERCHANGE THE MERCHANGE AND A COMMENTANCE. THE MODERN, confidening the Clave, as the most periodi interval, and that whereon all the other Concerd depend in the prefent Theory of Market's, the Division of that laterval is confidered as commaning the true Division of the Mode Scale. See OCTATE, and SCALE.

But the Antients went to work formewhat differently: The Diateffaron, or Fourth, was the least Interval which they ad-

difpofing

Diaceffiction or Fourth, was the leaft Interval which they ad-mitted as Conceed, and therefore they fought fifth how that might be most concinnously divided 3 from which they con-nitivated the Dispense, or Fifth 3 and Dispasson, or Octave. The Distersfaron being thus, as it were, the Root or Foun-dation of the Sales, what they call the Genera, Kinds, ander from its various Divideous, and bence they defined the Gram modellands, the manner of dividing the Terrachility-thine

disposing its four Sounds as to Succession. See TETRA-

The Genera of Musick were three, viz. the Eubarmo-nick, Chromatick, and Diatonick: The two last whereof were variously subdivided; and even the first, though 'tis commonly reckon'd to be without any Species, yet different Authors have propos'd different Divifious under that Name, tho' without giving particular Names to the Species as was

the without giving particular Names to the Species as was done to the other two. See Special provided Genera, for Entancement, or Characteristics, Characteristics, Characteristics, and Darposton. The Parts, or Divisions of the Distraction. The Parts, or Divisions of the Distraction of the fewered General, upon which their Differences of the Characteristics of the Characteristics, and Characteristics, the Identications, and Trieutonisms; and the Characteristics, the Identications, and Characteristics of Characteristics of

nutronium, or Limma, and the Tonii.

But under thefe general Names, which dillinguish the General, there are other different Intervals, or Ratio's which conflitute the Colorest Generoum, or Species of Enharmonis, Chromatic, and Distonic. Add, that what a Diathem in one Genut, is a System in another. See Diastri, St.

one Genti, is a Syltem in another. See Diastram, Str. Syram, Chronat; fee alfo Diagramming.

Graves, in Rhetorick. Authors diffinguish the Art of Rhetorick, as also Orations, or Discourse produced thereby, into three Genera, or Kinds, Demonstrative, Deliberative,

and Judiciary.

and Judicialy.

And Palacial Property of the Conference of the Con

buted that Art into two Genera, or Kinds ; the Logistic, and

GENUS. See Logistic, and Specious.

Genus, in Anatomy. The Genus nervolum, or nervous kind, call'd also the nervous System, is an Expression, prett

kind, call' also the nervous System, is an Experition, pettry request among Austron g Banyline the Nervox, considered frequent among Austron g Banyline the Nervox, considered throughout the Body. See Narava, and Sinstian Part. To bease constains adeal of flaray, caulif Sain, proper to cased brinations in the nervous Kinds. Vinegar, taken in roo-ce and the nervox of the Narava, and Sinstian Part. GEGCENTRICE, in Aftrenomy, is applied to a Part. or in Orbit, to denote it concentrie with the Earthy, or, as having the Earth for its Centre, or the Same Centre with the Earth Thus we fay, that all the Planets are not geocentric. See

GEOGENTRIC Place of a Planet, is the Place wherein it appears to us, from the Earth; fupposing the Eye there fix'd: Or, it is a Point in the Ecliptick, to which a Planet, feen from the Earth, is referr'd. See Place, and Hallo-

CENTRIC. GEOGENTRIC Latitude of a Planet, is its Latitude feen from the Earth; or the Inclination of a Line connecting the Planet and the Earth, to the Plane of the Earth's (or true)

Relintick. Otherwife, it is the Augle, which the aforefuld Line (connecting the Planet, and the Farth) makes with the Line which is drawn perpendicular to the Plane of the Ecliptick.

See LATITUE

Sec LATTUBE.
Thus, in Tab. Afternomy, Fig. 40. the Angle 9 Te is
the Mealure of that Planet's Geoscontric Latitude, when the
Latth is in 7, and the Angle et 7 9, the Mealure of it
when the Barth is in 5. Sec LATTUBE.
GEODAELT, the Plat of Geometry, which contains
the Doldrine, or Art of meafuring Surfaces; and fielding
the Connects of all kinds of plain Figures. Sec Survacas,

fee also Measuring It is usually called Surveying, when employ'd in measur-ing of Lands, Grounds, Roads, Countries, Provinces, Sc.

SURVEYING The Word is Greek, yandasoin, form'd of yil, serra, Earth,

The Word is Greek, you's marie, found of right, prorey, actual, and Asia, shiplish, individually, in the Minute, or fortish Part of a Degree of a great Circle. See Mixes, and Daonis. Geoda. Paries. Table, for Marie Carola, and Daonis. Geoda. Paries. Table, for Marie Carola, and Daonis. Geoda. Paries. Table, for Marie Carola, and Daonis. Geoda. Paries. Table, and Carola, and Carola, and Carola, for the Terrelitaid Gibbe, and particularly of known inhabitable Part theroof, with all lu Paru.

The Word is sorted of the Greek 25, Ezrze, Earth, and

yehow, feribo, I write. makes a Branch of Mathematicks, mix'd kind; in that it confiders the Earth, and its Affections, as depending on Quantity, and confequently measurable, viz. its Figure, Piace, Magnitude, Motion, celefial Appearances, &*e with the feveral Circles imagin'd on its Surface. See MATHEMATICES.

Geography is diffinguish'd from Cosmography, as a Pare from the Whole: This latter confidence the whole visible World, both Heaven, and Earth. See Cosmoonarn

From Yopegraphy, and Charagraphy, it is diffinguished as the whole from a Part. See Topography, and Chero-

Golaitzius confiders Geography as either Exterior, er In-terior: But Varenius more julily divides it into General, and Special; or, Univerfal, and Particular. General, or Universal GROURABHY is that which confiders the Earth in General, without any Regard to particular

Countries; or the Affections, common to the whole Globe, as its Figure, Magnitude, Motion, Land, Sea, &c. See Globe. Special, or Particular GROOMAPHY, is that which confi ders the Conflitution of the feveral Regions, or Countries ;

ders the Confittution of the leveral Regions, or Comments, their Bounds, Figure, 5%, with the Mountains, Forfis, Mines, Waters, Piants, Animals, &c. therein: As allo their Climates, Socious, Hear, Waterse, Diffusion of Form the Engineer, &c. And their Inhabstrants, Aris, Foods, Commedities, Coffount, Language, Religion, Policy, Citzes, &c. Geography is very antient; at least the Special Part.

thereof: For the antient Writers scarce went beyond the Description of Countries.

Defeription of Countries,
It was a Colline monog the Romans, after they had conque'd and linked any brovince, to have a May, to planted
and linked any brovince, to have a May, to planted
they were the Speciations. See May, and emplodies and
Hillionian relate that the Roman Seante, about a hundred
Yearn before Craftle, feet Coopyrabes into diverse Revu, to
Globe, has they foster ever fix the tweattch Part thereof,
Globe, has they foster ever fix whe tweattch Part thereof,
Before them, Nove, Sling of Regrey, ordered the Desirations to make a Survey of the whole Cost of Affrica, which
they accomplish of a three Xearn 2 Duran procursed the Ethiopic Sca, and the Mouth of the Indus to be examin'd: And Pliny relates, that Alexander, in his Expedition into Asia, took two Geographers, Diognetus, and Bete, to meafure and deferibe the Roads, and that from their lineraries the Writers of the following Ages took many Particulars, Indeed, this may be observed, that whereas most other Arts are Sufferers by War, Geography and Fortification

Am are Sufferen by Wan, Geography and Fornfaction alone are improved interedy.

Am Interest to be a considerable of the consecution of the feltive is at a great Fart of the Globe wer then subcome, particularly all directs, the Northern Error of Energies and John with the Teres Application, and Mingelanties; I had the fifth cound, of the Territ Zeneb being batterible, 67.

The principal Writings on this Art, among the Austran, and the Great Spikes, with English Counters, 18 feet from 2006, 50 sphere, with Charlier Counters, 18 feet from 2006, 50 sphere, with Charlier Counters, 18 feet from 2006, 50 sphere, with Charlier Counters, 18 feet from 2006, 50 sphere, with Charlier Counters, 18 feet from 2006, 50 sphere, with Charlier Counters, 18 feet from 2006, 50 sphere, with Charlier Counters, 18 feet from 2006, 50 sphere, with Charlier Counters, 18 feet from 2006, 50 sphere, with Charlier Counters, 18 feet from 2006, 50 sphere, 2006 miur's Compendium Geographicum; and Wolfiur's Geogra-phia, in his Elementa Masheles,—

GEOMANCY, Grounwriza, a kind of Divisition, pre-formed by means of a Number of little Faitins, or Dis-formed by means of a Number of little Faitins, or Dis-cipled and the Company of the Company of the Co-forming a Judgment of Faitins and deciding any Question The Word is formal of the Greek 7st. terrat, Earth; and public Divisitions is being the antient Cusform to earlier to Papilske Privation is being the antient Cusform to earlier to Papilske Privation of Califies to Chinks made in the Ground, privated by means of Califies to Chinks made in the Ground theory. The Company of Califies of Company as Audie of Divination of Califies of Califies of Company and Califies of Califies GEOMETRA', the Science, or Dickrine of Statements, or CALLY, Sparker's, and Squits. GEOMANCY, GEOMANTIA, a kind of Divination.

LINE, SURFACE, and SOLID.

The Word is form'd of the Greek 7%, terra, Earth, and

usress, metiri, to measure; it being the Necessity of mea-furing the Earth, and the Parts and Places thereof that gave rft occasion to the Invention of the Principles and Rules of this Art, which has fince been extended and applied to numerous other Things; informeth that Geometry with Ar-rithmetick, are now the general Foundation of all Mathe-maticks. See Maynematics.

matick, See Mathematicks.

Geometry is commonly divided into four Parts, or

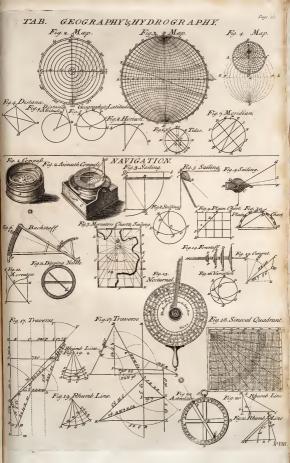
Branche, Planimerry, Attinuerry, Lengimerry, and Servemetry. See each under its proper Article, PlanimerTRY, ALTIMETRY, LONGIMETRY, and STARLOWETRY,

Geometry, again, is diffinguified into Theoretical, or

Speculatory, and Pradical.

The first contemplates the Property of Continuity; and

Theorems. See Theorem.





The fecond applies those Speculations and Theorems to particular Uses in the Solution of Problems. See Problems. Speculative Geometry, again, may be diffinguished into Elementary, and the Sublimer.

Elementary, and the Sublimer.

Elementary, or Common Grownth, is that employed in the confideration of Right Lines, and plain Surfaces, and Solids generated therefrom. See Plain, &c.

The Higher, or Sublimer GROMETRY is that employ'd

in the confider of one of the confideration of Curve Lines, Conic Sections, and Bodies form'd thereof. Sec Curva, Sec. Hersdorn, ill. II and Strale, Ill. XYII. affert the Leafterness to have been the first Inventors of Geometry; and the annual lumdations of the Note to have been the Occasion: annual summercions of the Nile to have been the Occalion! For that Silver bearing away all the Bounds and Laudmarks of Mess Effates, and covering the whole Pace of the Country, the People, fay they, were obliged to diffinguifitheir Lauds by the confideration of their Figure, and Quantity; and thus by Experience and Habit, form'd themselves a Method, or Art, which was the Origin of Geometry .farther Contemplation of the Draughts or Figures of Fields farther Communitation of the Draughts or Figures or seems thus laid down and plotted in Proportion, night naturally enough lead them to the Diflovery of fome of their excel-lent and wonderful Properties; which Speculation continu-ally improving, the Art became gradually improved, as it continues to do to this Day. Psylephus, however, focus to attribute the Invention to the Habreus: And others among the Antients make Mercury the Inventor. Polid, Virgil, de Invent. Rev. L. I. C. 18.

The Province of Geometry is almost infinite: Few of our

The Province of Geometry is almost Infinite: Fow of our clean, but may be repreference to the Immigration by Lines, tells, and the repreference to the Immigration by Lines, the being Geometry about that makes Compations, and find the Relations, of Lines. See Lines.

Aftenooney, Music, Mcchanicia, and, in a Word, all the Aftenooney, Music, Mcchanicia, and, in a Word, all the Aftenooney, Edward and Compations, and in the Aftenooney, Edward and Compations, and in the Aftenooney, Fordina decrease George from the Relations of Things, and in the Relations of Things, and in the Relations of Things, and in the Relations between thick Relations, they may be all referred to Lines. Confequences istions, they may be all reterred to Lines. Confequences, may be drawn from them; and theic Confequences, again, being render'd fenfible by Lines, they become permanent Objects, confiantly expected to a rigorous Attention and Examination: And thus we have infinite Opportunities beth of caquiring into their Certainty, and putting them further. ART, and SCIENCE.

The Reading, for influence, why we have now distillarly, and much for periodicy, the Concord call'd Octave, Frith, Foorth, by The Reading, for influence, why we have how of distillarly, and much for periodicy, the Concord call'd Octave, Frith, Foorth, by Chords accurately divided, and the proposal periodic p

of Chord which masses the Distance between the of the being divifible into feveral Parts, there may be a great Number of different Sounds contained therein, ufeful in Mufic, which we the Ear cannot diffinguish. Whence it follows, which yet the Ear cannot diffinguish. Whence it follows, that had it not been for Arithmetic and Geometry, we had had no such thing as regular, fix'd Music; and that we could Bad to lich timig ar regular, inc Audie; and that we could noll have fuccoded in that Science by good Luck, or Force of Imagination, i. e. Mufic would not have been any science founded on inconcettable Demonstrates: The we allow that the Tunes composed by Force of Genius and Imagination, are fulfully more agreeable to the Bar, than those composed by Rule. See Squan, Tune, Granter, CONCORD ,Ec.

Concond. 55So, in Mechanicis, the Heavine's of a Weight, and the
Diffarce of the Centre of that Weight from the Pukerum,
or Point is if inflatined by, being interptible of plus, and
animat, they may both be expected by Lines; where Genmery becomes applicable hereto; in virus whereof, infinite Differences have been made, of the utmost ute in

hance Discoveres nave focus made, of the utmost ule in 11th. See Barkance, Strikann, gfc. Geometrical Lines and Figures, are not only proper to re-prefeat to the Imagination the Relations between Magni-tudes, or between Things infectible of more and lefs; as Spaces, Times, Weights, Motion, gfc, but they may even reprefear Things which the Mind can no otherwife co-tive; e.g., the Relations of incomensimable Magnitudes. OC INCOMMENSURABLE.

We do not, however, pretend, that all Subjects Men may have occasion to inquire into, can be express'd by Lines.

There are many not reducible to any fuch Rule: Thus, the There are many not reducine to any tool RCS.

Knowlege of an infinitely powerful, infinitely just GOD; of whom all Things depend, and who would have all his Creatures execute his Orders to become capable of being haptures execute his Oxders to become capable of being hap-py, is the Principle of all Morality, from which a thoufind undeniable Confequences may be drawn, and yet neither the Principle, nor the Confequences can be expressed by Lines, or Figures. Mullebrauche Recharche de la Verrue, 3'. H.

Linco, or Figures, Mullibranche Recharche de la Friency, T.H. Indiced, the animal Egyptians, we read, will or capacilly all their Philosophell, and Theological Notions by General Linco. In their Recharches most Rechards of Tanage, Ford Linco. In their Rechards their Rechards of Tanage, Period Linco. In their Rechards of Tanage, Indice and Tanage, Indice and Tanage, Indice and Proportions, which engaged the Trick and Philosophes to repredict the Divide and Starnel Operation by Jack Figures 1. In which they were followed by Phylograst, Plance on the Phylogram of Tanage (See Marchael, Panish Martin Sporter and Starter).

THAGOREAN, &C.
But it must be observed, that this Use of Geometry among

the Antients was not strictly Scientifical, as among us, but rather Symbolical: They did not argue, or doduce Things

rather Symbolical. They did not argue, or dealere Unity and Properties unknown from them, but properties of our did not provide the control of the Consideration of Consideration of Consideration of Consideration of Consideration of Today, but the Manacra, Architecture, and Politections of Todays, but the Manacra Architecture, and Consideration of Todays, but the Manacra Architecture of the Consideration of the Considerat au oner regures they molt affected the Circle, and Tri-angles the first, as being the most perfect, fimple, capa-cious, &c. of all Figures. Whence Hermer borrowed it to represent the Divise Nature; defining foot to be an in-tellectual Circle or Sphere, whole Centre is every where, and Circumference no where." See Kirch. Oedip. Reg-ptine, and Galle Phil. General. Lib. 1. e. II.

prints, and Gale runt, temeral, Lib. 1. c. 11.

The Antient Geometry was confined to very narrow Bounds, in comparison of the Modern. It only extended to Right Lines and Curves of the first Order, or Conic Sections; whereas into the modern Geometry new Lines of infinitely

whereas into the modern Geometry new Lines of minimum more and higher Orden are introduced. See Curva.

The Writers, who have cultivated and improved Geometry, may be diffinguished into Elementary, Pradical, and those of the fibrines Geometry.

The principal Writers of Elements, for enumerated un-der the Article Elements.

der the Article ELNERBYK are Thole of the Higher Geometry are Archimedet, in his Books & Sphern, Gylindra, and Greatl Dimensions, 2016 Books & Sphern, Gylindra, and Greatl Dimensions, 2016 Percelolet, and dermatics: Kepler, in his Geometric Nova Constactivit, in his Geometric Industrialistic Specialistic Constactivit, in the Geometric Industrialistic Specialistic Constactivity, Taylor Recognition, in Collectionship Mathematicit; Paulos Goddonn, in his Novel Constanting Constanting Constanting Constanting Thillialistic de Lie5: Hayezon, & Greenst Maganinator, Thillialistic, de Lie5: Hayezon, & Greenst Maganinator, Thillialistic, de Liece ; Huygens, de Circuli Magnitudine ; Bullialdus, de Li-neis Spiralibus ; Sebosten, in his Exercitationes Mathema-

neit Sprivillari, Schoozen, la ha Exercitariuse Mattema, etc. etc. de Billy, de Preperiose Humminez, Ledwara, etc. Grüdek, Fer. Eradl. Com. ah Herbenflere, la Dinissen Carlotte, fer. Eradl. Com. ah Herbenflere, la Dinissen Exercitation, and Anjol. Pergenti, etc. Schlium Raturett.
The Winters on the Schlium of Heche Raturett.
The Winters on the Schlium of the Com, and Spriver, sho under Constant, and Srunisticus.
under Constant, and Srunisticus.

For Dradical Geometry, the fullest and compleated Tractice are chose of Adulte, written in Prench; but without the both in Right-Dutch—In this Class are likewise to be raid; both in Right-Dutch—In this Class are likewise to be raid; the Capital, Xiaogare, and Gaossani's Pradical Geometrie; So let Mirce Ecole des Arbegreerers, Reichaldsha's Geledings are consistent of the Class and Capital Complex and Capital Capital Complex and Capital Comple

SCC GEOMETRY.

Thus we fay, a Geometrical Method, a Geometrical Ge-nius, a Geometrical Strictness, a Geometrical Construction, and Geometrical Demonstration, Sc. Sec DEMONSTRA-TION, Ec.

Tron, Ec. Trong Comparing the Borness After new reducing the things to Generarian Confederation, and finding that it is to Generalized Confederation, and finding that it is the Certainty and Agreed bleeds of the Demonlarations and Agreed bleeds of the Demonlarations and apply the Geometry further and further, ill two outran Nature. Hence it is, that all Machine do not affect a Concella we consider the Concella with the Concella was considered to the Concella with the Concella Companion of Marie, wherein the Concella Constantiation of not adjust refrect the exact Aftronomical Computations do not always foretel the precise Time and Quantity of an Eclipse.

The Reason is, that Nature is not abiltracted; Mechanical Levers and Wheels are not Geometrical Lines and Circles, as they are supposed to be : Our Taste for Tunes is not the fame in all Mon; nor at all times in the fame Man: And as to Alfronemy, there is no perfect Regular ty in the Motions of the Planets; their Orbits do not feem reducible to any fix'd known Law, &c.

hadd known Law, Co. The Error, therefore, we fall into in Aftronomy, Mu-fic, Micchanicks, and the other Sciences to which Geometry is applied, do not properly arife from Geometry, which is an initiallible Science; but from the falle Milapplication of it. Mallebrauch, Recherche de la Ver.

GROMETERCAL Line, or Curve, call'd alfo Algebraic Line, or Curve, is that wherein the Relation of the Abscisses to the Semi-ordinates may be express'd by an Algebraick E-

the Semi-ordinates may be expected by an Algebraic E-quarian. See $\frac{1}{M^2}$ Deformed Cwarf.

All properties of the $\frac{1}{M^2}$ Deformed Cwarf.

All properties $\frac{1}{M^2}$ Deformed $\frac{1}{M^2}$ De be cut by a Right Line

Thus, a Line of the first Order will be only a Right Line: Those of the fectors, or Quadratick Order, will be the Circle, and the Conick Section; and those of the third, or Cabek Order, will be the Cabical and Nelian Parablata, the Ciffed of the Antients, E.S. See Create, Conic Se-

Him, Parason, Cisson, Sc.

But a Curve of the fift Gender (because a Right Line can't be reckon'd among the Curves) is the same with a Line of the second Order; and a Curve of the second Gender, the fame with a Line of the third Order; and a Line of an infinite final Order is that, which a Right Line may our in infinite Points; as the Spiral, Cycloid, the Quadra-trix, and every Line generated by the infinite Revolutions of

a Radius. Scc LINE. a Radius. See Links.

However, it is not the Equation, but the Description, that
makes the Carve a Geometrical one: The Circle is a Geometrical Line, not because it may be expected by an Equaelon, but because its Description is a Postbuter: And it is
not the Simplicity of the Equation, but the Enfinch of the not the Simplicity of the Equation, but the Eafinch of the Defiription, which is to determine the Choice of the Lines for the Contradition of a Problem. The Equation, that expedites Parabola, is more finiple than that which expref-fe a Greek; and yet the Circle, by reason of its more sim-ple Confirention, is admitted before it.

The Greek; and the Conick Sections, if you regard the Dimension of the Equations, are of the Same Order; and

Dimension of the Equations, are of the tame Order's and yet the Circle is not numbered with them in the Conflic-tion of Problems, but by realm of its fimple Defription is depended to a lower Order, one, that of a Right Line; So that it is not improper to express that by a Circle, which may be expressed by a Right Line: But it is a Bask to con-flicted that by the Conic Sections, which may be confirreded by a Circle.

by a Circle.

Either, therefore the Law must be taken from the Dimentions of Equations, as observed in a Circle, and so the
Distinction be taken away became plane and solid Problems:
Or the Law must be allowed not to be strictly observed in
Lines of species Kinds, but that some, by reason of their
more simple Description, may be preserted to others of the fame Order, and be numbered with Lines of inferior Or-

In Confiructions that are equally Geometrical, the most fimple are always to be preferred: This Law is so univer-ful as to be without Exception. But Algebraick Expressifal as to be without Exception. But Higher the Confirmation; the one add nothing to the Simplicity of the Confirmation; the hare Description of the Lines here are only to be confider'd, and these alone were confider'd by those Geometricians, who icined a Circle with a Right Line. And as thefe are or hard, the Contruction becomes easy, or hard: And there-fore it is foreign to the Nature of the Thing, from any thing alle to effablish Laws about Confirections. See Constru-

Erider, therefore with the Antients, we mult exclude all Lines beliefer the Grick, and perhaps the Graic Sections, our control of the Control of Country, we midtle, by its mean, divide an Angle in any pirce Ratio i Would you therefore blame though we would make use of this Line to divide an Angle in the Ration of most of the Control o

It, when an Angle were to be divided, for inflance, into 1001 Parts, we fhould be oblig'd to bring a Curve defin'd

by an Equation of above an hundred Dimensions to do the Busines's which no body could describe, much less under-fands and should prefer this to the Trocheld, which is a Line well known, and described easily by the Motion of a

Line well known, and deferibed easily by the Motion of a Wheel, or Circle. Who would not fee the Abfurdity? Bither therefore the Trochoid is not to be admitted at all

in Geometry, or elfe in the Confiruction of Problems, it is to be preferr'd to all Lines of a more difficult Description a And the Reason is the same for other Corves. Hence, the Trifections of an Angle by a Conchold, which

Hence, the I receives of an Angie by a Concendia, which Archimedes in his Lemma's, and Paphysis in his Collections have preferred to the Invention of all others in this Cale, must be allowed good, fince we mult either exclude all Lines, befide the Circle, and Right Line, out of Geometry, or admit them according to the Simplicity of their Deferiptions, in which Cale, the Conchoid yields to none, except the Circle.

Circle. Equations are Experditions of arithmetical Computation, and projectly have no Pates in Geometry, coccept as tare as the control of the Computation are not possible to the Computation of the Computation are not possible to the Computation of Problems by a Right who were condition the Confirmation of Problems by a Right to the Computation of Problems by a Right control of the Computation of Line, and a Circle found by the first Geometricians, will easily perceive, that Geometry was invented, that we might expeditionally avoid by drawing Lines the Tedioniness of Communication

Computation.

It floads form therefore, that the two Sciences orghrand.

It floads form therefore, that the two Sciences orghrand.

It floads from the science is the science of the scien Geometry, that ought to be rockon'd best, which is geo-

metrically most simple.

Geometrical Plane, see Plane.

Geometrical Solution of a Problem, is when the Pro-GROMETRICAL Solution of a Problem, is when the Pro-blem is directly (over), according to the first Principles and Rules of Geometry; and by Lines that are truly Geome-trical. See Problems, and Souttion. In this Sense we fay, Geometrical Solution, in Contradi-filiction to a Mechanical, or Informacental Solution, where the Problem is only folved by Rules and Companies. See

MECHANICAL. The fame Term we likewife use in opposition to all in-direct, and inadequate Solutions, as by ioninite Series's, Se. Sec SERIES.

See Series. We have no Geometrical Way, of finding the Quadrature of the Circle; the Duplicature of the Cube, or finding of two mean Proportionals: Mechanical ways, and others, by infinite Series's, we have. See Quadrature, Dutlicature, Theorem of Proportionals.

CATURA, and FROPORITIONAL.

The Antients, Pappur informs us, in vain endcavour'd at the Trifection of an Angle, and the finding out of two mean Proportionals by a Right Line, and a Circle. Afterwards they began to confider the Properties of Several other Lines, as the Conchoid, the Ciffold, and the Conic Sections, and by some of these endcavourd to solve these Properties of the Conic Sections. blems. At length, having more throughly examined the Matter, and the Cone Sections being received into Geometry, they diffinguish'd Geometrical Problems into three Kinds,

1º Into Plane ones, which deriving their Original from Lines on a Plane, may be folved by a Right Line, and a Circle. See PLANE.

2° Solid ones, which were folved by Lines deriving their Original from the Confideration of a Solid, that is, of

Sec Solid. o Cone

3º Linear ones, to the Solution of which were required Lines more compounded. See Lineau.

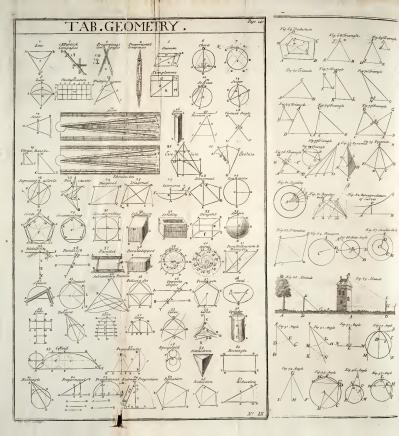
According to this Diffinction, we are not to folve folid
Problems by other Lines than the Conic Sections; especially

if no other Lines but Right ones, a Circle, and the Conic Sections must be received into Geometry.

But the Moderns advancing much farther, have received into Geometry all Lines that can be express'd by Equations; and have diffinguiffed according to the Dimensions of the Equations, those Lines into Kinds; and have made it a Law, not to confired a Problem by a Line of a Superior kind, that may be confireded by one of an inferior one. See

GEOMETRICAL Proportion, call'd also absolutely and fimly, Propor

Thus, if A be to B, as C to D, they are in Geometrical Proportion: So 8, 4, 30 and 15 are Geometrical Proportionals. See Proportion.



GEOMETRICAL Progression is a Series of Quantities, in continued Geometrical Proportion, i.e. increasing or decreasing in the same Ratio. See RATIO.

Thus, e.gr. 1, 2, 4, 8, 16, 32, 64, and 128: And 729, 243, 81, 27, 9, 3, 1, are Geometrical Progressions. See Geometrical Progressions.

GEOMETRICAL Locus, or Place, called also simply Locus, is a Line whereby an indeterminate Problet

GEOMETRICAL Construction of an Equation, is the con-GROMETRICAL Conference of an Equation, is the con-tring and derwing of Lines and Figures, whereby to de-monlitate the Equation, Theorem, or Canon to be geome-rically true. Sec Constructions of Equations: GROMETRICAL Scale, the DIAGONAT Scale. GROMETRICAL Scale, the DIAGONAT Scale. GROMETRICAL Place is a Modern confiling of five Pect.

See PACE, and Foor,

GEOMETRICALLY Proportionals, are Quantities in conti-nual Proportion; or which proceed in the fame conflant Ratio; as 6, 12, 24, 48, 96, 192, &c. See Proportionals.
They are thus called, in Contradiffiction to equidifferent Quantities; which are called, the formewhat improperly, Arithmetically Proportionals. Sec Arithmetically Paoron-TIONAL

GEOPONIC, fomething relating to Agriculture.—Thus Cate, Varre, Columella, Palladius, and Pliny are fometimes called Geoponic Writers. See George C.

St. GEORGE, a Name whereby feveral Orders, both Military and Religious, are denominated. It has its Rifferrom a Saint, famous throughout all the East; and called by the Greeks Meyessackiffers, A. Great Martyr.

On form Media of the Removers Given and Memod Cour. by the Greek Meyekskissility, q. d. Greet Markyr.
On fome Medis of the Emperors/folk, and Menuel Commenti, we have the Figure of St. George arm d., holding a Sword, or Javelin in one Hand, and in the other, a Buckler, with this Inscription, an O, and therein a little A, and P.

TIOC, making O ATIOE TEOPTIOE, O Holy George.

Of the is generally represented on Horseback, as being supposed to have frequently engaged in Combats in that manner. He is adored throughout Amenia, Misson, and all the Countries which adhere to the Greek Rite: From the Greek, bis Worfilip has long ago been received into the Latius Church; and England and Portugal have both chose him

Church; and Zegland and Perragal have both clofe him for their Patros Santa. See Parross on a English Codes of Knights; more usually now called the Order of the General Codes (Codes of the Codes of the Codes of the Codes of Codes of the Codes Hallet of the Codes, that the Remit Saite subjet have left Share therein. Twas he first commanded that the Codes flood of the Codes of the Codes, but der flood the Codes of the Codes of the Codes, but that of the Garter.

ents of the Gener. Marghet of So. Genous. There have been various Obders under this Denomination, moti of which are now extically particularly, one faunded by the Respueer Priders
and Hampyr against their Parks—Another, called So. George
of Affains, founded by the Kings of Aropan—Another in
Affairs and Corrientes—And souther in the Republic of
Genous, fillial chairman, Corrientes—And souther in the Republic of
Genous, fillial chairman, Corrientes—And souther in the Republic of
Genous, fillial chairman, Corrientes on the Congregation of the Corrientes of the Congregation of

rion of the fame Initiate in Novily, Sec.

GRORGICK; fomething that relates to the Culture
or Tilling of the Ground. See Acateurters.

The Georgicks of Virgil, are the 4 Books composed by
that Poet on the Subject of Agriculture.

The Word is borrowed from the Latin Georgicus; and that

of the Greek yeseputh, of ya, torra, Earth, and spyd outs, esero, I work, labour; of tryes, opus, Work.

opero, I work GEOSCOPY, a kind of Knowledge of the Nature, and Qualities of the Earth, or Soil, gain'd by viewing and con-

fidering it. See Som Geofcopy is only conjectural; but its Conjectures are very The Word is form'd of the Greek 28, Earth, and oxinse,

GERESOL, in Mutic, one of the Clefs. See CLEF. GERFALCON, or GYRFALCON, a Bird of Prey, of a Size between a Vultur and an Hawk; and of the greatest Strength next the Eagle. See Falcon, and Haws.

GERMAN. A Brother German is a Brother both by the Father's and Mother's fide; in Contraditination to Uterine Brothers, Stc. who are only fo, by the Mother's fide. See BROTHER.
So, likewife, Confins German are those in the first, or nearest Degree; being the Children of Brothers or Sisters-German. See Course, Sec. Among the Romans we have no Instance of Marriage be-tween Couling German, before the Time of the Emperor Claudin; when, they were very frequent. See Max-

Theodoffus prohibited them under very fevere Penalties, even Fine, and Profeription. See Consanguanty.

German Language, fee Truvonie, and Language.

GRAMAN LANGUAGE, See LEUTONIC, and LANGUAGE.
GRAMAN Empire, See, See Empire, See,
GERMANICUS, an antient Title of Honour, given to
veral Emperors, on account of the Victories obtained by

teveral Emperors, on account of the Victorics obtained by them over the Germans, or in Germany.

Gallian bears this Tirle on Medabs, and the Argument for its being on occasion of a Victory in Germany, is, that on the Reverse we find the Words, VICTORIA GERMA-NICA. VICTORIA GER, VICTORIA, G. M. that is, Germanica maxima.

Germanica maxima.

Claudius Gosbieus bore the fame Title, Germanicus, and accordingly on the Reverse of his Medals we find Victoria Germanica; as on others of his Medals we read, Victoria

GERMEN, or GRAM, or GRM, that Part of a Seed which germinates, i. s. forouts or floots out the first, for the Production of a new Plant. See SEED.

PRODUCTION OF A REW FIRM. SEC SEED.

Botanific call it the Plume, the Plume; for allo Plant, and Serd; for allo Gremination.

GERMINATION, the Act of Germinating; that is, of a Plant's frouting, or fhooting in the Ground. See Plant.

and GERMEN

Some use the Word in a more extensive Sense; so as like-wise to include the shooting of Leaves, Blostoms, Branches, Flowers, Fruits, and Seeds. See Seed, Lear, Flowers,

BRANCH, Sec.
The Modern Philosophers have been very attentive to the Germinations of Plants, as well of the Formation of the Chick in the Fig. See PLANT.
The Progress of Germination has been very accurately the depth of the Chick of the Ch

serv'd by the Curious Malpighi, in the Seed of a Gourd conterval by the Carrious Mapping, in the octed of a Committee of the Ground, he found the Onter-cost or Integument a little tunild, and in its Tip there appeared a finall Gap or Aperture, three which the Plame or Germ was feen.

The fecced Day, the outward Cost, or Secundine was much fofter, the inner torn and corrupted, the Plume, or Plantule fomewhat longer and more tumid, and the Beginning of the Roots fliew of themselves.

The third Day, the outer Secundine was become dufky, and the Leaves of the Plantule inflated, and the Root or Radicle had made itfelf a Paffage thro' the Secundines,

Stem, in its Progrefs, grew hollow, or fifthlous, and the Seed Leaves broader and greener.

About the twenty first Day, the Plant seemed compleat; from which time the Seed Leaves began to droop, and at

length died away. See PLANT GERON, GERONTES, in Antiquity, a kind of Magi-/

ftracy in antient Greece. The Gerontes were at Sparta, what the Arsopagites were at Asbens. See Arrestories.
The Geroutes were infitted by Lyourgus: Their Nam-

The Geroute's were intrinsted by Lybingue; 1 near same, seconding to lone, was receive; eight; and exceeding to energy countries to lone, was receive; eight; and exceeding to the lone of the lone of

Man

Whence also the Words GERNNTIC, formething belonging to an old Man; and GERONTICON, a famous Book a-mong the Modern Greeks, containing the Lives of the an-Monks.

The Senate of Gerontes was called Gerufia, that is Affembly or Council of old Men.
GERUND, in Grammar, a Tenfe, or Time of the Infinitive Mood; like to the Participle, but indeclinable. See

Moon, and INFINITIVE.

Moon, and INFINITYE.

The Grands expredies not only the Time, but also the
Manner of an Athen; as, Ho fell in remains Poff.

It differ from the Participle, in that it expedies the Time
which the Participle does not. See Participle.

And from the Time property of called, in that it expred
fes the Manner which the Tenie does not. See Tenses.

The

The Gummarius are very much imbernifed to fettle the Nature and Character of the Germad: "The certain, they are no Versh, no fiblish Moods of Versh, in expant they do not mark any Judgment, or Affirmation of the Mind, which is the Nature of a Versh-and bediefs, they here Cafes, which Versh have no. See Versh and Control of Versh and Control of

Verbs and retaining the ordinary Regimen thereof. See

Thus, fay they, tempus oft legendi libros, ot librorum, is as much as to by, tempus eft in legere libros, wel librorum.
But others fland up against this Decision.
The Word is form'd of the Latin Gerundiums, and that

from the Varb gerere, to bear. GESSES, in the Furniture belonging to an Hawk. See

TESSES GESTATION, the Time of a Woman's going with Child; or the Interval between Conception, and Delivery. See Delivery; fee also Feerus, and Conception.

See DELIVERY; Ice and FOYTH, and CONCEPTION.

GENTATION is also a Term in the antient Medicine, afed
for a fort of Exercise. See Exercise.

Aftlefeides first brought Frictions, and Gestation into
Practice.—'The Design of Gestation was to recover Strength

Practice—"The Lemps of Copparison and the Archaeler a Feaver, 15°C, was gone. It confided in making the Patient walk, or ride in a Charlot, or in a Beat; or even in rocking him in his Bed, if he could not indure a more violent Agitation.

The Archaeler Agitation and the Archaeler a

GESTICULATION, the Aft of making indecent or un-furtable Gestures, or in too great Number. See Gestures.

fuithbic Gelhures, er in too greet Namber. See Genvers.
Gelfeitheider is a girroos Fault in an Ortor.
GESTURE, a Morion of the Body, intended to figuify
found leis, or Patilia of the Mind.
Genverse and the Genverse of Genverse of

and Piece. See Actroni, and Pronvucciation.

GIACH, or Jennan, a Cycle of vache Years, in use
among the Turki and Catheyani. See Cverix.

High The Control of the Control of the Control

High The Control of the Control

Here the Control of the Control

Here the third, of a Lynx, or Leopard; the Gunth, of a

Here, the third, of a Crocdic; the first, of a Seprent the

Ferenth, of a Here; the clipth, of a Sheep; the pinch, of

Alonkey, the tenth, of a Heng the cliventh, of a Sheep;

and the twelfth, of a Hog.

They also divide the Day into twelve Parts, which they call Giagh's; and diffinguish them by the Names of the

fame Animals. Each Giagh contains two of our Hours, and is divided in-to eight Keb, as many there are Quarters of Hours in our

Day.

DAY.

GIANT, or CVARY, a Man of extraordistry, coormous Source and Balk. Ore SYATHY and Contracting the Contracting of the Contracting of the Contracting of the Contracting of the Lerned. The Contracting and Relations both faced and profine furnish, various landiscost theorify a great Part of which, Naturalitia and Aminent theories, and Relations between the Contracting of the Contracting o

Sophauris in his Norce on Sixes Grammaticial, stiften se-thing can be more extravegant than to dony, or allegorist the Authorities we have therefore, and the state of the form the Flood, from the Grammatician state, and the state of the s

not of the common Stature: And fach Inflances we have had in all Ages; excepting found fibulous Relations; fuch as we take to be that of Theutelocchus, who is fail to be ding up Armo 16x1, and to have been higher than the Trophies, and a 6 Foot long; And no better we suppose the fidure in the Gistust to have been, which Ol. Magnus gives an Account of in this; 1th Book, such as Harrhen and Stardary among

the Men; and among the Women, Reports off (faith he) Puella-in capite vulnerata, mortua im burea, longitudinis cubitorum 50, latitudinis inter quaruor. Ol. Mug. Hift. L. 5. 0. 2

paren, hoggindenis colorsemu y, lustradum inter behaves programme of the p

That Part of the Liver out of which the Vena Cava arifes,

is also called the gibbous Part. See Liver.

Grasovs is also used in reference to the enlightened Parts Granous is allo used in reference to the collishmend Parts of the Moon, while she is moving from Full to the first Quarter, and from the last Quarter to Full again; for all that time the dark Part appears homed, and taleated, and the light one bunch'd out, Convex, or Gibbous. See Piassa, and Woon.

SEA, 200 MOON.

GIBELINS, GIBELINS, or GIBELLING, a famous FaChion in Indy, opposite to the Guelphy. See GULLER.

The Guelphs, and Gibelling revaged, and ialid waste Indy

for a long Series of Years; so that the History of the Country,

for the space of two Centuries, is only a Detail of their mutual

Violences, and mootal Wars.

We have but a very obscure Accunt, of their Origin, and the Reason of their Names: The Generality of Authorsaf-firm, that they arose about the Year; ade, upon the Empe-ror Friderie the Second's being excommunicated by Pope

Gregory the Ninth. exegory the Ninth.

That Prince, fay they, making a Tour among the Cities
of Italy, gave the Name Gibetins to fach as he found well
attended to him; and that of Giselph to thole who adhered
to the Pope.

But as to the Reason, and Signification of these Words, there is a deep Silence: Gibbein might possibly be found of Gibbioles, Imperators, whence gushieslayken, imperigle, of Gibbioles, in, the Italians might make, by Corruption, Gibbins to that Gibbiant, in this Light, floudd be the lame with Imperiating, or tich as follow of the Emperor's Parry, By the way, some Writers maintain, that the two Fa-tions arote to I cars before; the full under the fame Pope, But as to the Reason, and Signification of those Word

and Emperor.

and Emperor.
Other Hildusian relate, that Coursd III marching into
Lethy, in the Year 139, against the Nasphilman, Roger, Count
Lethy, in the Year 139, against the Nasphilman, Roger, Count
his Affiliance Generally, Duke of Rosenstria, and this role Day
when the two Armice were ready to join Batte, the Renistran criced cain High-Duke, His Genliph y, on so there
in Eremilly, Hier Gentyh, that in, Here Gentyh and that
the Imperiality and word, on their Seleck, with the Words Her,

the Imperialith suffered, on their Side, with the Work 18th, or Univ., Globin, or Could see Language the Emperor by the Could see Language the Emperor by the Mary the Pool. Jude of Saurita, and Saury; and Gerald the Thind, Dake of Saurita, and Saury; and Gerald the Thind, Dake of Saurita, The two Frinces being preparing to congego see the Willows of Winderland, the Emperor, Williams, and Could see the Could Saurita of the Emperor, Williams, and Could see the Could see that Princip see the Williams, the Name of the Flate where that Princip was born and bred in the Danky of Wirtenberg, whole Saurome be been 18 years with Williams, the Ruissian at length to the Saury he bore: From form'd Gibelin.

torm's Gibblin.

This Account is confirm'd by Martin Craftas: Initium
Gibeline (Witheline a Patria Conradi Regis) & Wolfine
concertationis. Conrad being of Weiblingen, that Word,
faye Cruffun, gare rile to Gibellingun, and that to Gibelling,
Gibelins, Gibellini.

Platina, on the other Hand, affures us, that the Name Gibelist arofe from that of a German at Pylloya; whole Brother, named Guelpb, gave likewife his Name to the op-posite Faction; the two Brethren, it feems, bearing an ir. reconcilable Hatred.

Others maintain, that the Emperor gave the Appellation Gibelins to thole of his Party, from the German Word Gipfel, fignifying Ridge, or Top; by reason the Empire recited on them, as the Rafters of a House lean on the Ridge, which joins them a top.

Kraus, a learned Canon of Strasbourg, in the Lives of the Emperor of the House of Brunferick, is of the fecond Kenny, a lessed Como of Servalency, in the Layer of the Improve of the Burle of Permission, is of the Good to Emperod the Burle of The Burley of the Control of Con

GIBLETS, the Offalls or Entrails of a Goose; including the Heart, and Liver, with the Feet, Gizzard, &c. The Word is supposed to be formed of Goblets, from the French Gology, mouth-full,

Gibiess make a confiderable Article in Cookery : They bail Giblets, flow Giblets, make Ragons of Giblets, Giblet

GIGANTIC, fee GIANT.

GIGANTIC, fee Grant.

R. Zonbury relates, that one of the Artifices of the Instan Bramans conflits in perioading the fimple People, that the Gods ent like us; and, that they may bring them Store of Victuals, they reprefent their Gods of a Gegentic Size, and above all, give them a huge Tun Belly.

GIGANTOMACHIA, the Bartle of the Giants against

GIGANTOMACHIA, the Battle of the usants against the fabulous Gods of the antient Heathens.

Several of the Poets have compoled Gigantemachia's: That of Searrow is the finefor of all his Feces.

The Word is Greek, ynferleusyles, form'd of physic processing the control of the c yeler Giant, and page, Combat, of pagepas, pegero, I fight

fight.

GIGG, Grovz, or Jro, in Music and Dancing, a gay, britik, firightly Competition, and yet in full Meafure, as well as the Allemana, which is more ferious. See Dance.

Menage takes the Word to artic from the Italian Gigo, a murical influences mentioned by 2 matter.

GILBERTTINES, an Order of Religious, thus call'd from College and Meafure Meafure and College and Meafure Meafure and Meafure and

St. Gilbert, of Simpring bam, in the County of Lincoln, who founded the fame, about the Year 1148. Antiently, none were received into it but married People:
The Monks observed the Rule of St. Angellin; and were
accounted Canons; and the Nuns that of St. Benedill.
The Founder erected a double Monaftery, or rather, two

different ones, certifiques to each other, the one for Men, the other for Women, but parted by a very high Wall. The Order, afterwards, consilied of end untul Monatheries: All which were (apprecia'd at the general Diffolation of Mo-nathe Order, under King Henry VIII.

GILD, or Guild, originally fignify's a Fraternity, or Company, form'd from the Saxon Gildan, to pay, because every Man was gildare, i. e. to pay formething towards the Charge and Support of the Company. See Company, and

EDATERNITY Thence comes our Guild-hall, q. d, the Hall of the Socie

Thence comes our Guild-Ball, q. A. the Hall of the Socie-ty or Fratemity, where they meet and make Orders and Laws among themfelves. See Guillo-Hall.

The Original of Gilds is thus related: It being a Law among it the Suxons, that every Freeman of fourtees Years old flowld find Surgeits to keep the Peace, or be committed, certain Neighbours entred into an Afforiation, and became bound for each other, either to produce him who commit-ted an Offence, or to make Satisfaction to the injur'd Party: ted an Unence, or to make Satussaction to the injurid Party; This, that they might the better do, they rais'd a Sum of Money among themselves, which shey par into a common Stock; and when one of their Pledges had committed an Offence, and was field, then the other nine made Satisfaction out of this Stock, by Paymont of Maney, according to the Offence.

out of this Stock, by Laymont of Money, according to the Offence. See Frank-Pleage.

Because this Afficiation confisted of ten Families, it was called a Decemary: And from hence came our Fraternites. See DECENNA. But, as to the direct Time when thele Gilds had their

Origin in England, there is nothing of Certainty to be found; fince they were in use long before any formal Licence was granted to them for such Meetings.

Edward the third, in the fourteenth Year of his Reign granted Licence to the Men of Covernry, to crect a Mer-

chants Gild and Fraternity, of Brethren and Sifters, with a Mafter, or Warden; and that they might make Countries; beflow Alms, do other Works of Piery, and conflitute Ordi-

bottos Alm, dorolter Works of Ferry, and dominant-confi-ments touching the time, 16°c.

In the confirmed to and amerces and collects Fines. GILD, or GELD, according to Cambden, does also fignify

a Tribute, or Tax; and the Statutes of 27 Edw. 3. Stat. 2 cap. 13; and 11 Hes. 7. cap. 9. use Gildable in the fame Sense with Taxable. See GRED.

Senie with Ynasabie. See Grid.
Gill., according to Crembra, does also fignify an Americanana Asi in Faorgeld, which he interpretens Prediction within the Foreig, in these Words,—To be quited all manner of Gold, is to be discharged of all manner of Predictions to be made for gashering Sheafs of Corn, Lamb, and Wood, to the also of Foreigns.

GILD, or GELD, is also used among our antient Writers for a Componsation, or Must for a Fault committed.— Quicquis in amore in alterum fursium basent in dues Geldos componere faciat.

Geldes comprares faciat.

Hence, Wiregeld, is the Price of a Man, Orfgeld, is the Price of Cattle, Anglish, the fingle Value of a thing; Twiggled, the double Value. See Wanoin, See.

There are likewise many Weeth, which ced with Gold, and that thew the sevent with Gold, Vadegeld, Sergeld, Hornegeld, Singeld, Trangeld, See. See

DANEGRED, &

DANSOLER, Sc.

Gultz, Greller, Restt, are Rents psyable to the Crown
Guits, or Guitzer, Restt, are Rents psyable to the Crown
Guits, or Guitzer, or fich Rests as femmely belonged to Rest and the Company of the Company
Guerral Heldenine, order of fer sale by the Sett. as Care a:
GLIDABLE, or Guitser, decoder Tributary, that
is, lable to Pay, Ras, or Tributer
Carbibles, dividing, Sufficie into three Parts, calls the Srit
Carbibles, dividing, Sufficie into three Parts, calls the Srit
Carbibles, dividing, Sufficie into three Parts, calls the Srit
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Carbibles, dividing Sufficie into three Parts, calls the Srit
Carbibles, dividing Sufficie into three Parts, calls the Srit
Carbibles, dividing Sufficient into the Srit
Carbibl

Parts were exempt, because Excise Bonn which the other two
Parts were exempt, because Excise Bonnies. to be that
Land or Lordinip which is filed districtions correct Pice Com.
GILGUL Hummerbin, a Hebrow Phrase, literally figuitying the Reling of the Dead.

To conceive the Ule of this Diction, it is to be observed.

To conceive the Use or this Diction, it is to be obtained that the few have a Tradition, that at the coming of the Melfials, no Ifractite thall rife any where but in the Holy Land. What, then, thall become of all the Faichful inter'd in other Paris? Shall they perift, and remain in the State of Death?

State of Death? No, fay the Jewift Dodons: But Gop will dig them understanding the Jewift of the Jew

ing of the Dead.
GILHALDA Tentonicorum, was us'd for the Fraternity
of Enterling Merchants in London; called the Stillyard.

See STILLYARD.

GILD-Hall, q. d. Gilde Aula, the chief Hall in the City of London. See Guild-Hall. Gildarum nomine continentur non folum minores Fra-

—Cidaram nomme continentur non folum minores Fra-ternitates, 67 fodditis, fed ieje etism civiptatum Commu-nitates, fays the learned Spelman. See G1LD. G1LD-Mcrebast, Gilda Morcastoria, was a certain Privi-lege, or Liberty, granted to Mcrchant, whereby they were caabled among other Things to hold certain Pleas of Land within their own Precipits.

King John granted Gildam Mercatoriam to the Burgeffer

King Joon grained Common in the Art, or Act of Specialing of Mettingham.

GILDING, or GUILDING, the Art, or Act of Specialing or covering a Thing over with Gold, either in Leaf or Liquid. See Gold.

Liquid. See Gorn.
The Art of gilding was not unknown among the Antients, tho it never arrived among them at the Perfection to which the Moderns have carried it.

Pliny affures us, that the first gilding, form at Rome, was after the Destruction of Carthage, under the Conforship of After the Defirection of Carpage, under the Centoring of Lucius Monamus; when they began to glid the Cellings of their Temples, and Pakees; the Capitol being the first Place on which the Enrichment was believed. But he adds, that Luxury advanced on them to hadily, that in a little time you we ght fee all, even private and poor Persons, gild the very Walls, Vaults, &c. of their Houles.

We need not doubt but they had the fame Method with us, of bearing Gold, and reducing it into Leaves; though it fitted deep the defendence of the fitted deep the fitted deep the defendence of the fitted deep the deep the fitted deep the fitte hundred Leaves tour Fingers iquare of a whose Ounce. Indeed he adds that they could make more; that the thickeft were called Braties Presentings, by reafon of a Statue of that Goddels at Presenting by with fach Leaves; and that the thinner fort were called Braties Suefferts.

The modern Gilders do also make use of Gold Leaves of divers Thicknesses, but there are some to fine, that a thousand don't weigh above four or five Drachma. The thickest are used for gilding on Iron, and other Metals; and

the thinnest, on Wood .-

Bat we have snother Advantage over the Antients, in the manner of using, or applying the Gold: The Secret of paining in Oil, lately different, suring in Oil, lately different, suring the south was the same of gilding. Works that shall endure all the Injuries of Time and Weather, which to the Antients was impracticable. had no way to lay the Gold on Bodies that would not en-dure the Fire but with Whites of Eggs, or Size; neither of which will endure the Water: So that they could only gild fuch Places as were shelter'd from the Moisture of the

The Greeks called the Composition which they used for The Greeks called the Composition which they uled for gilding on Wood, Leucopherum, or Leucopherum, which is deferibed as a fore of glutinous, compound Earth, ferring, in all Probability, to make the Gold flick, and bear polifining. But the Particulars of this Earth, its Colour, Ingredients, Se-tak Assistance of the Section 1988.

But the Particulars of this Earth, its Colour, Ingredients, St.-the Antiquaries and Naturallitis are not agreed upon. There are feveral Methods of Gilding in the among us, viz. Gilding in Oil; Water Gilding & Gilding by the Fire, which is peculiar to Metals; Gilding of Books, &c.

Method of Geldene in Oil.

The Basis, or Matter whereon the Gold is applied, in this Method, is the Remains of Colours sound lettled to the Method, is the Remains of Colours bound iretited to the Bettom of the Pors wherein the Painters with their Pencils-This Matter, which is very vilcid, they first grind; then pals it thro' alinen Cloth, and thus lay it with a Pencil on the Matter to be gilt, after having first wasted it once or vulce over with Size; and if it be Wood, with Some white

Paint. When almost dry, but while yet unchaous enough to catch and retain the Gold, they fread their Gold Leaves thereon, either whole, or ear in pieces: Toucke up and apply the Leaves, they make use of a Piece of flac, foff, well carded Cecton; or of a Plact for the purposis or bartly the Knife, wherewith the Leaves were cut, according to the Patra of the Work they are to gift, or the Breadth of the Gold to be applied.

appied.

In proportion as the Gold is laid, they pais over it a coarfe,
filtif Pencil or Bruft, to make it flick, and, as it were, incorporate, with the Ground: With the fame Peocil, or a
fmaller one, they mend any Cracks that may happen therein, after the fame manner as will be hereafter shown in Water

This fort of Gilding is chiefly used for Domes, and Roofs of Churches, Courts, Banquetting Houses, Se. and for Figures of Platter, Lead, Se. that are to stand exposed to the Weather. Method of GILDING in Water.

Water Gilding is not perform'd without more Apparatus; nor can it be wied to ordinarily, nor on fuch large Works, as the former: WoodenWorks, and those of Stuc, are almost the only ones gilt in this way: which, befide, must be shelter'd from the Weather

The Size made use of for gilding, is to be made of Shreds, Sc. of Parchment, or Gloves, boil'd in Water, to

Shreds, Ge. of Farchment, or Gioves, bould in Water, to the Conflittence of a Gelly. See Grun.

If it be Wood that is to be glit, they first give it a Wash of this Sice, bolling hot, and when this is dry, an-other of white Paint, mixed up with the fame Sice. For this White, fome use Plasfee of Paris, well beaten and fifted; others Spanish White, Ge. It is laid on with a flitt Burth. other Spainth Wine, Ser. It is laid en with a fill Brath, and officer, or follower repeated, according to the Naraco of the Werk: For Pieces of Scalpsure, force or eight Lays that the property of the State of the

be on 18t; otherwise, they beat or lowish it with leveral Slips of the fame Linen tied to little Sticks, to make it follow and enter all the Cavities and Depredieres thereof. The White thus finish(4) they proceed to yellow it of ferring, that if it be a Piece of Sculpture in Relievo, they first touch up, and repare the feveral Pares which the white Ground may have dissigned, with little iron Instruments, as

Gouges, Chiffels, &c. The Yellow, which they ufe, is only common Oker well ground and fifted, and thus mix'd up with the Size us'd for

the White, only weaker by one half. This Colour is laid on hor; and in Works of Sculpture inpplies the Place of Gold, which frequently cannor be carried into all the Cavities and Dentings of Foliages and other Ornaments

ties sell Paening of Fuiliges and other Oranness.

Over this yellow is applied a Lay, which is to fire for the Ground whereon the Gold is to be immediately lidd; it is studied or mydered of the American Book, Bloed-losses of the State of the American Book, Bloed-losses of The Internal Sought and The Company of the Lay of the Gold.

In order to proceed to gild, they must have three form of Pencils; one, to wet; another to much up, and amend; and a third to flatten: There is also required a Cushion, to forced the Gold Leaves on, when taken out of the Book; a Knife to cut them; and a Squirrel's Tail fitted with a Handle; or elie a piece of fine Stuff on a Stick, to take

them up, direct, and apply them.—

They begin with the wetting Penella, by which they moislen the Lay last laid on with Water, that it may the better receive and retain the Gold: The Leaves are then better receive and retain the Gold: The Leaves are then laid on the Caffison; and taken up, if whole, with the Squir-rel's Tail; if in pieces, with the other Infrument, or even the Knife they are cut withal, and laid, and fyread genaly on the Parts of the Work before moiften d.

on the Parts of the Work before moiften'd.
When the Leares happen to crack, or break in laying on,
they make up the Breaches with little Picces of Leaf siken
up on the repairing Peculi, and with the fame Penul, or
another fornewhat bigger, they fmooth the whole; prefiling
the Gold into the Denta, where it could not so well be carried with the Squirrel's Tails.

The Work thus far gilt, when dry, remains either to be

burnish'd, or flatted.

burnish d, or flatted.—
To burnish it, is to (mooth, and polish with a Burnisher, which is usually a Dog's, or Wolf's Tooth, or a Blood-stene fixed in a Handle for the purpole. See Burnishima.
To fat, is to give it a light Lick in the Places not burnished, with a Fencil dipt in Sise, wherein a little Vernishion formettines has been mixed. This helps to preferre and

prevent its flawing, when handled.

The laft thing is to apply the Vermeil in all the little
Lines, and Cavitics; and to ftop and amend any little Faults
with Shell Gold.

The Composition here call'd Vermeil, is made of Gum justs, Vermillion, and a little of some ruddy, brown Co-

Guts, Vermillien, and a little of femie raddy, brown Go-ton, ground register, with Feme Vanish, and Gil of Tur-lean ground register, with Feme Vanish, and Gil of Tur-with fine Laces, or Paragone Blood, with Gun Witer. Somerimes, inhead of brantifings the Gold, they bensift the Germal or Composition had on int before it; and con-tings of the Composition had on the bensite it; and con-sistent the Composition of the Composition of the Six C. This Method is chiefly prefiled for the Hand, Face, and other Nudliteis in Relievy which by this mean, when the Composition of the Composition of the Composition of the standard present the Composition of the Composition of the control of the Composition of the Compos

much more to then the Parts perfectly flat.

To gild a Work, and yet preferve white Grounds; they use to apply a Lay of Spanish White mix'd with a week Fish Glue, on all the Parts of the Ground whereon the yellow, or the last Lay might run .-

Method of GILDING by the Fire.

There are two ways of Gilding by Fire, viz. that with Lample Gold and Gold, excluded on a Calis, and the first in preference with Gold, excluded on a Calis, and amanigament with Meerseny, in the Properties of about an Ounce of Mercary to a Druchen of Gold.

Ounce of Mercary to a Druchen of Gold and on the California of the California were nothing but Quickfilver in it, may be preferved a long time for Ule

time for Ule. Before they proceed to apply this amalgamated Gold, they first respices the Metal it is to be applied on which is done by washing it over with Agua ferrils, or Agua feamas: Then rincing the Metal in fair Water, and loon-

cumda: Then rincing the Metal in fair Water, and lour-ing it a little with fruill Sand, it is ready for the Gold.— They now cover over the Metal with the Mixture of Gold, and Metaury, taking it up with a Slip of Copper, or a Brufh made of buts Wire, and fpreading it as equably thereon as possible, in order to which they wer the Brufh from time to time in fair Water.—

Thus far advanced, the Metal is for to the Fire, upon a Guere, we fire a feer of a Cape, under which is a fan of of the Cape, under which is a fan of of different Places where Gold be unating, they the Care to Jupp's them, by adding now Pleess of Amsignanc—
The Work, it does nobled one, with the Wire Plenth (governor to the Cape) of the Cape of the Cap

Colour, under the Article Co.

GILDING by the Fire with Gold Leaves.

To prepare the Metal for this Gilding, it must be first well ferated d, or raked 3 then positive, with a Poliflers, and then fet to the Fire to blue, i. e. to bear, till it appear of a bise Colour. This done, the first Lay of Gold is claps directon, and lightly rubb'd down with a Poliflers; and thus

expoled to a gentle Fire.

They usually only give it three fuch Lays, or four at most; each Lay confishing of a fingle Leaf for the common Works, and of two for the extraordinary ones: After each Lay they fet it a-fresh to the Fire. After the laft Lay, the

Lay ney let it a truth to the Fire. After the laft Lay, the Gold is in a Condition to be burnished.

GILDING of Brokes, fee Boon binding.

GILL, or Ground Ley, a Medicinal Plant, which gives the Denomination to a fort of medicated Ale, or Drink, called Gill, or Gill Ale, made by infusing the dried Leaves of the Plant therein. See Alex.

Plant therem. Sec Al.E.
Gill's held very abtlerfive and vulnerary, and is prefetibed
in all Differders of the Lungs, and Breaft 4 and is allo effected
good in Oblivitations of the Vifera: Whence it alib paffes
for Hepatic, Diarche, Splenetic, and Nephritic. It is fail
to do Wonders in "Ubercles and testerous Industrians of
the Lungs. Willir commends its Powder in oblinate Coughs; and Esmaller gives the History of a Scorbatic Confumption cured by a firong Decoction of this Herb after a Vomit. GILLA, in Chymiftry and Pharmacy, is an Arabic Term for Sult; peculiarly used among us for the Emetic Salt of Vitriol. See VITRIOL.

This Sale is prepared from that Mineral, by three, or for repeated Operations, viz. Diffolution, in May Dew, iltrarion; and Crystallization. In default of May Dew,

Filtration's and crystallization. In detault of May Dew, Rain Water may firve.

Gillis is used in Tertian Agues, and all Fevers arifing from a Corruption of the Humors of the first Region. It destroys Worms, and prevents Putrefiction. The Dose is from as Grains to balf a Drachm, taken in Broth, or in Cordul Grains to balf a Drachm, taken in Broth, or in Cordul

Waten

Waters—

Oli Li Braterius, in Natural Hildery, those member-ness of the Part 10 films, particularly they refere, better the particular they are the particular they are the What we call Gulf in Hilder, are peoply their Lange self-ptication of Air is as necessary to Films, as to terredictal America's Three in Soavy a cled of his model among Wa-chandina of their Gillt is contrived with this Vew, one, to forgare and missibe this Air from the Water, and perfect it to the Blood, after the time manner as it is predicted to M. die Ferrap San unswerd this infinitely complicated M. die Ferrap San unswerd this infinitely complicated.

tine Lungs of other animals. See Lunes.

M. dit Verency has unexyed this infinitely complicated Piece of Mechanifm, in the Gills of a Carp: The first thing that offers, is a fort of Timber-work, confilling of a great Namber of boay Lamine, each fullwirded into an Infinity of boay Fibres, whose Office is to fusiant the innumerable Rungforstone of the American Confidence of the Confidence Infinity of bosy libret, whose Office is to fulfain the leasurembre Raministance of an Array diparted hither from the Heart. The Use of these Raministances is to prefer the Rood extremely fieldwided, and, as it wave, each Good by it folk, to the Uster. Between the Lasar and the Company of t

These Gills have necessarily an alternate Motion of Dila-These Gritis have necellarity an alternate Morion of Dilation and Compression, which is effected by another very curious Piece of Mechanism; when they dilate, the Water is taken in, and when they contact, it is expelled again, Hence this probable that it is in the very Instant of Control Compression of the Compression of the Compression of the Compression of the Compression of Control Compression of Control Compression of Control Compression of Control Contr ter the Pores of the little Blood Veffels, by reafon the Force ret use roots or the intro thood vestels, by realon the Force is then greater than at any other time; and this Action requires a confiderable Force. The fame Readon holds with refpect to the Lungs of Men; accordingly M. da Yerney maintains, that the the Air enter the Lungs in the time of Luciastic is a cut received into the Bit-1 in the of Infigration, it is only received into the Blood in that of Expiration, when the fuperfluous Air is carried off by the Trachea ; fo that the real Infpiration, i. e. the Entrance of

the Air into the Blood, flould be the Expiration. See RESPIRATION.
The Water is taken in by the Mouth, and carried off atain, firip'd of its Ait, by the Gills; and the Air gain'd rom it, is diffributed first to the Arteriolz of the Gills, and ence by the Law of Circulation to all the little Veins in-

oculated therewith. See CIRCULATION, &c.
GINGER, GINGIBER, an Aromatic Root, of confiderable Ufe both as a Spice, and a Medicine.—
It is brought chiefly from Cattent, in the East Indies; the

of late ir has been cultivated with good Success in the Antilles Islands.

The Plant which affords it, refembles our Rufh, both in respect of Stem, and Flower.—The Root goes no depth un-der Ground, but sprends itself near the Surface, in form not

unlike a Man's Hand, but very knotty.

Mun arrived at Maturity, they dig it up, and dry it in

Hurdies, either in the Sun, or Oren: The beit is that which
is new, dry, well field, hard to break, of a raddy, brown's

Cober without, refinous within, and of a hot, pungeat Tafte.

They sie to comfit the Root, when green, with Sugar, and Honey; having first steeped it some time in Water, to rake away part of its Aerimeny, and dispose it opart with the Outer-skin. They also make a Marmelade of it, and

the Outer-tenn tree; some different people make great use of this Confestion,

The Northern People make great use of this Confestion,
as holding it foveraign against the Scurey. The Indianatest
the Root, when green, by way of Salade, first chipping it
finall, mixing it with other Herbs, and sealouing it with

As to its Medicinal Use, it is held good to firengthen the comach, and awaken Appetite. It promotes Digestion, Stomach, and awaken A prevents Putrefaction, &c.

prevents Patrelaction, Esc. Ginona-Erzead, a richer kind of Bread, the Flavour and Tafte whereof are heighten'd and improv'd with Spices, and particularly Ginger; whence the Name. See Baxan. There are various Forms and Preparations of Ginger-Bread; We shall content outfelves with the following one;

which is well recommended.

ware a wear ecommence.
Into a Pount of Almonds, grate a penny white Loaf, fift, and beat them together: To the Mixture add an Oance of Ginger, freaped fine, and Liquorice and Aous Seed in Powder, of each a quarter of an Oance a Pour in two or three Spoonfuls of Rofe-water, and make the whole into a Patile, with half a Pound of Sugar: Mend, and roll it, print it,

when nait a round or Sugar: Aboud, and roll it, print it, and dry it in a Stove.

Others make it of Treatle, Citrun, Lemon, and Orango Pecl, with candide Ginger, Coriander, and Carroway Sector, mix'd up with as much Flower as will make it into a Patic.

GINGIVA, in Anatemy, the Ginut; a hard fore of Field, investing the Alveoli, or Sockets of the Tecth. See Flexh,

and TEETH.

The Gingine are form'd by the Union of two Membraness one of which is a Production of the Perioteum, and the other of the internal Membrane of the Mouth. See Moura-GINGLYMUS, in Medicine, one of the Species of Ar-iculation. See ARTICULATION.

The Ginglymus is that Jointure of the Bones, where each Bone mutually receives the other; so that each both receives, and is received. See Bons.

There are three Species of Ginglymns: The first, when

the same Bone, at the same Extremity, receives and is re-ciprocally received by another Bone; after the manner of a Hinge: Such is that of the Cubitus and Humerus. See Cu-Hinge: Such is that of the Cubites and Municus.

See Courter, and Humerus.

The fecond, when a Bone receives another at one of its Extremes, and is received into another, at the other: As the Vetebrie do. See Vertebra.

the Verebre dos. See Virkterrar.

The third is that where a Bone is received into another, after the manner of a Whoel, or Axis of a Wheel in a Box; Such is that of the fecond Vertebra of the Neck in the first. See Axis.

GIN-SENG, or GIN-SIM, in Natural History, a very extraordinary and wenderful Plant, hitherto only found in

Tartare The Gin-fent is one of the principal Cariofities of the Chinele, and Tartars: Their most eminent Physicians have wrote many a Volume of its Virtues.

wrote many a vocume of its Virtues.

It is known among them by divers other Names, as the only flirituous; the pure Spirit of the Earth; the Plant that gives Immercally, Sc. It makes, in effect, the whole Materia Medics, for the People of Condition; being too

pretious for the Populace. All the Writers of the Chinest Affairs make mention of the Ginging: As Martinius, in his Atlas, F. Kireber, in his China Illustrata, F. Tachard, in his Voyoges, and F. Is

Comte, in his Memoirs. Comes, in his Memoris.

And yet we haw but very little of this Plant, before P.

Farsons, a Jefait, and Miffionary in China; who being omployd by Order of the Emperor, in making a Map of Yartary, in the Xear 1709, had an Opportunity of seeing its growing in a Village about four Lesgues from the King-dom of Corea, inhabited by Tartars, call'd Calca Tatze.

That Father took the occasion to design the Plant, and That Father took the occasion to dengo the Plant, and give an accurate Description thereof, with its Virtues, and the imaneer of preparing it; which, being a great Curiofity, we shall here grantly the Reader withal.

The Gin-Ring, represented Pals_Nin_Military, Pig. 10. has a white Root, komewhat Rooty, about thrice the Thick-with a white Root, formewhat Rooty, about thrice the Thick-

has a white Root, somewhat Rootty, about three he Thick-nels of the Stem, and which goes tapering to the End: At a two Inches from the Head, it frequently parts into two Branche, which gives it fome Relemblace of a Mun whole Thighs the Branches reprefent: And 'tis hence it

whole Impast the practice of practice trakes the Decomination 600-feet.

From the Root rifes a perfectly finooth, and tolerable round Stem: Its Colour is a pretty deep Red, except toward the Foot, where, by the Neighburhood of the Earth, it is terrid fornewhar whiter. At the Top of the Stem is a

fort of Joint, or Knot, form'd by the fhooting out of foar Brauches, which ipread as from a Centre: The ander Side of Brauches, which iprovid as from a Centre 1 in a under Side or cach Branch is groen, mird with white; and the upper Part, much like the Stalk, of a deep Red 1 The two Colours graduily decrease, and at length unite on the Sides. Each Branch has free Leaves, well ecough represented in the Figure; and 'tis observable that the Branches divide in the Figure; and the behavior of the state of the sta

equally from each other, both in respect of themfelves, and of the Horizon; and with the Leaves make a circular Figure, nearly parallel to the Surface of the Ground

The Fibres of the Leaves are very diffinguishable, and on the apper Side are fer with fmall whitish Hairs: The Membrane, or Pellicle between the Fibres, riles a little in the Middle, above the Level of the Fibres.

The Colour of the Leaf is a dark Green, above, and a

fhining, whitish Green underneath; and all the Leaves are

isaged or indented.

finely jagged or indetest.

On the Edges, from the Centre of the Branches, arties a fecond Stalk, D E, very firstight, fmooth, and whittin, from Bottom to Top, bearing a Bunch of round Fruit, of a heautiful red Colour. This Bunch, in the Plant viewed by a heastiful red Colour. This Banch, in the Plant viewed by our Mifflocary, was composed of twenty four Berries; two of which are here represented 9, 9. The Red Skin, that covers the Berry, is very thin, and smooth, and contains within it a white Pulp: As these Ber-

inneeds, and contains within it a white Purps: As their Berries were double (for they are founcitions friegle) cach had two rough Stones, of the Size and Figure of our Lentils. The Pedicles, whereon the Berries were supported, all arose from the fame Center; and firerading exactly like the Radii of a Sphere, made the Bunch of Berries of a circular Learn Tills. But is not produced and the Second included the Control of the Form. The Fruit is not good to cat; and the Stone includes a Kernel: It has alfo a finall Beard at the Top, diametrically opposite to the Pedicle.

The Plant dies away every Year; the Number of its Years may be known by the Number of Stalks it has short icuis, may be known by the Number of Stalks it has thee forth jof which there always remains forme Mark, as is flewin in the Figure, by the Letters b b b, &cc. From whence it ap-pears, that the Root A was feven Years old; and the Root H fitter.

As to the Flowr, F. Fartous owns he had never feen it; and therefore could not describe it: Some have affured him, and therefore could not deteribe it; some nave anarch and, that it is white, and very finall 4 others, that there is no Flower at all, and that no body had ever feen it. He ra-ther inclines to think it fo finall as to have escap d Norice; and, what confirms him in the Optolon, is, that those who feek the Grayleng, having nothing in view but its Root, overlook and despite the reft as useless.

As they have fewed the Seed in vale, without any Plant

ever arising therefrom; 'tis probable this might give occasion ever arming insertions; its probable this might give occasion to the Fable which is currout among the Variers:—They fay, that a Bird cars it, as foon as to the Earth; and not being able to diggleft it, in purifice in its Stomach, and afterwards fyrings up to the Place where it was call by the Bird with its Dung.—The Mifficiary rather believes that the Stone remains a long time in the Grossed, before it takes roof; which Opinion appears the more probable, as there are form: Roots so longer or bigger than ones little Finger, which yer have floor forth at least ten Sralks.

The the Plant, here described, had four Branches; yet

there are some which have but two; others, three; and others, five, fix, or seven: But each Branch has always

fire Lervas.

The Heighth of the Piant is proportionable to its Bigoefs, and the Number of Birarches the Root has 'The larger and the Number of Birarches the Root has 'The larger to Elevant in the Control of the Piant, and the Control of the Control of the Number of the Control of the Contr

bore more Relembance to the Figure of a Mao, than is exclinarily from among other Roots. The Tartars, with more Resido, call it Orban, that is, the first of Plants. These who gather the Gin-jeng, preferve only the Root; and all they can get of it is ten, or fifteen Days time, they bury together in lome Place under Ground. Then they take

wash it well, and scour it with a Brush : Then dip it in icalding Water, and prepare it in the Fume of a fort of yellow Milet, which gives it Part of its Colour. The Milet is put in a Veffel, with a little Water, and

The Miler is put in a Veffel, with a litric Water, and boild over a gentle Fire; the Roots being laid over the Veffel upon finall, transferio Fieces of Wood, being first co-ver'd with a linen Cloath, or fome other Veffel, plac'd over

They may also be dried in the Sun, or by the Fire; but then, the they retain their Virtne well enough, they have not that yellow Colour, which the Chinese fo much admire. not that yellow Colour, which the Chingle lo much admire. When the Roots are dried, they mult be kept close in fone very dry Piace; otherwife they are in danger of corrupting, or being earten by Worms.

As to the Piace where this Root grows, it is between the thirty nith and forry feventh Degree of North Lairtude, and between the tenth and twentieth Degree of East Longle.

tude, reckoning from the Meridian of Peking. Here is found a long Tract of Mountaies, which the thick Forfound a long Track of Mountaies, which the thick For-relis that cover and encompais them, reader almoid ungal-fable. It is upon the Declivities of thefe Mountains, and in their thick Forreits, upon the Banks of Torcens, or about the Roots of Trees, and amidif a thouland other different Serre of Plans, that the Grafegy is found. It is not to be mer with in Flints, Vallies, Marthes, the Bottoms of Ri-vulents, or in Fluxes too much exposed and open.

If the Forest take fire, and be consumed, this Plant does not appear till two or three Years after: It also lies hid from the Sun as much as possible, which shows that Heat is an

Enemy to it.

The Places where the Gin-feng grows, are on every Side feptrated from the Province of Quantong, by a Barrier of wooden Stakes, which incompafies this whole Province, and

wooden sexect, which iscompanies rim windo Province, who show which Generals continually particult, to hinder the CSI-not which contracts continually particult, to hinder the CSI-not will be the contract of the contract

ointed them.

The Emperor having a mind that the Tartars should reap all the Advantage that is to be made of this Plant, rareap all the Advantage that is to be made of this Plant, ra-ther than the Chinele, gason Orders, in 17-95, to ten thouland Tartors, to go and gather all that they could of the Gru-fergs, apon Condition that each Parfiel infloud give him to Omnes of the beth, and that the reft flouid be paid for Which the Whieles in muse Silver.

Ounces of the beth, and that the rett should be paid for Weights for Weight, in pure Silver.

It was computed that by this means the Emperor would get this Year about twenty thousand Obissel's Founds of it, which would not cell him above one fourth Part of its Value, We mer, by chance, with form of their Yerrary, in the Midt of those frightful Poeferts; and their Mandarins, who were not far out of our Way, came one after another, and offer'd as Oxen for our Subfillance, according to the Com-mands they had received from the Emperor.

This Army of Herbariffs observed the following Order: After they had divided a certain Tract of Land among their feveral Companies, each to the Number of an hun-dred Perfons, spread itself out in a Right Line, to a certain fix'd Place, every ten of them keeping at a distance from

Then they search'd carefully for the Plant, going on lei-furely in the same Order; and in this manner, in a certain Number of Days, they run over the whole space of Ground

appointed them. When the Time is expired, the Mandarins, who are en-eampd with their Tenes in fuch Places as are proper for the Subdiflance of their Horles, fend to view each Troop, to give them firsh Orders, and to inform themselves if their Visibalistic completes. Number is com

If any one of them is wanting, as it often happens, either by wandring out of the way, or being attack'd by wild Beatls, they look for him a Day or two, and then return again to

their Labour, as before.

The Gin-Serg, we have observed, is an logredient in most of the Medicioes which the Chinese Psysicians preferbe to the better fort of Patents: They aftirm that it is a fovereign Remedy for all Weaknesses occasional by executive Fa-tigues, either of Body, or Mindy that it attemates and car-tigues, either of Body, or Mindy that it attemates and cartigues, either of Body, or Mied 5 that it attenuates and carries of Pipitalows Humonar; cures Weaknels of the Lungs, and the Pleurify, thope Yomittings; throughous the Stomach, and help the Appetite; different Fames, or Vapours; fortifies the Breafl; is a Remedy for fhort and weak Breathing; flrengthess the viral Spirits, and is good againd Dizziones of the Head, and Dinnels of Sight, and that it produces the Steak, and the control of th longs Life to extreme old Age.

No body can imagine, that the Chinele and Tartart would fer to high a Value upon this Root, if it did not conftantly produce a good Effect: Thole that are in Health, often make use of it to render themselves more vigorous and firong ; and I am perfusded it would prove an excellent

Medicine

Medicine in the Hands of any European who understands Pharmacy, if he had but a sufficient Quantity of it to make such Trials as are necessary to examine the Nature of it then Trass as are necessary to essentiate the France of it chymically, and to apply it in a proper Quantity, according to the Nature of the Dilease for which it may be beneficial. It is certain that it subtilifes, increases the Motion of, and

arms, the Blood; that it helps Digestion, and invigorates

in a very fentible man

in a very fundible manner.

After I had designed the Roos, I obferved the State of
my Pails, and then took half of the Roos, runs in two,
and the state of the Roos and the Roos and
letter and quicker! I had an Appetite, and found myleff
much more vigorous, and could bear Labove better and
acter than before. Four Days after, finding myleff in famaterial than the Roos and the Roos and the Roos and
Mandatan who was in Cromoid facres fit on Horbtock, a
Mandatan who was in Cromoid facres fit on Horbtock, as
me one of the Rooss 1 rook half of it immediately, and me one of these Roots: I rook half of it immediately, and an Hour after I was not in the least sensible of any Wearsan Hour after I was not in the least lensible of any Wearinelis. I have offerm made us for if, line, and always with the fame Success I have observed allo, that the green Leaves, the large observed in the large state of the large observed when the large was the large lour; and when one has taken it and Smell become very agreeable.

As for the Root, it is necessary to boil it a little mor As for the know, it is necessary to bool it a intro more than Tea, to allow time for extracting its Virtue; as is practical by the Chinele, when they give it to fick Perfons; on which occasion they foldom we more than the fifth For of an Ounce of the dried Root.

To prepare the Root for Exhibition, cut it into thin Slices and put it into an earthen Por well glazed, with about half a Pint of Warer; the Pot to be well covered, and fet to boll a Pini of Warer; the Put to be well covered, and fet to ball over a genite Fire; and when the Witter is configured to the Quantity of a Cup ful; a little Sugar to be mind with it, and to be partial to the put of the put

always laid in Lome, &c.

	From			,	must be in				
enmers.			F.	Is.	Breadth	Ivehes.	Depth	Inches	
h.	10	0	15	0	rı		8		
nd Swmw	15	c	:8	0	13	_	9		
ers a	18	0	21	o	14		ro		
Gird	21	c	24	0	16		12		
	24	0	26	0	17		14		

GIRDING-Beams, in Building, the fame as Girders, Sec. GIRDER.

GIRDLE, CINCULUS, or ZONA, a Belt, or Band, of Leather, or other Matrer, tied about the Reins; to keep the Part more firm, and tight.

the Fart more firm, and right.

It was antievally the Californ for Bankrupt, and other Cefficient of The State of Californ in open control of the Californ for the Californ for

The Romans always were a Girdle, to tuck up the Gown when they had occasion to do any thing. This Cuftom was so general, that such as went without Girdles, and let their Gowns hang toole, were reputed idle, difficiete Perfons.

Maident or Virgins Gianta — Ir was the Caftom among
the Greeks, and Romans, for the Husband to until his Bride's

Homer, lib. 11. of the Odyffey, calls this Girdle mashines Homer, lib. 12. of the Odyffey, calls this Girdle mashines made of Senegels Wool; and that the Husband untied it in Bed. He adds, that it was tied in the Herculian Knot; and that the Husband untied it, as a happy Freiga of his having as many Children as Hercules, who at his Death loft Gerenty behand his

The Poets attribute to Venus a particular kind of Girdle, called Cestus; to which they annex a Faculty of inspiring the Passion of Love. See Craves. Quickfilver GIRDLE, in Medicine, is a fort of Girdle fincered over with Mercury, or having Mercury inclosed

Sec MERCURY. It is made of Leather, Linen, Cloth, Cotton, Stuff, or the

It is made or Leather, Linen, Cioto, Corton, Stub, or the like, and the Mecrary prepared or killed various ways, as with failing Spittle, Fat, or the like. It is applied as a Topical Medicine about the Wafte, fometimes with good Effect, but frequently proves danger-ous, principally in weak Conflictations, and these fabject to Commission.

Its Intention is, the Cure of the Itch, driving away Verin, killing Lice, &c.

Ruccus Gender, is an antient Duty, or Tax, rais'd at

Queens Ginnle, is an antient Daty, or Low, raise us, Paris every birec Years, as the rate of three Deniess upon each Muid of Wine, and fix for each Queen. It was intended, for the Maintenance of the Queen's Houfhold: Afterwate they augmented and extended it to other Commodities, as County size.

Coals, Ec. Pigener Supports it to have been originally thus called, by reason the Girdle antiently ferred for a Purfe; but boaded, that a like Tax had been raifed in Perfit, and under the fame Name, above two thouland Years 2003 as appears from Plate, in his Altebiader, George, Atheneus, &c. Christians of the Granes. Assessabled, senth Calif.

from Plans, in his Alexinder, George, Athensen, Sc. Chriftian of the Gianna. Mostrowckiel, reinth Calif-of the Ramily of the Abufflets, enjoind the Chriftians, and Few in the Cora of the Hegin, 23; of Jefac Chrit, 346, to warra large leathern Girdle, as a Badge of their Profi-fion; which they bear to this Day throughout the Earl: From which time the Christian of Affle, and particularly whole of Ourse and Mostrowlines of Affle, and particularly whole of Ourse and Mostrowlines. those of Syris and Mefoperamia, who are almost all Nesto-rians, or Jacobites, have been called Christians of the Girdle. Order of the Girdle, the Order of Cordeliers; see

Conn, and Conducted. GIRDLE, in Architecture; fee CINCTURI

General, in Architecture, for Cascernal.
Gilk Lig, smoge Husen, in a Rec back of two Yean.
Gilk Lig, smoge Husen, in a Rec back of two Yean.
Gilk Lig, smoge Husen, in a Rec back of two Yean.
Gilk Lig, smoge Husen, in the Recht Husen, in the Architecture of the Education.
When Coart has for, eight, or ten of the Gentlers, meetofference, of Genomy. See Ginoster.
The Word is Fronts, and literally fapilities the Greenlers,
Generals and Generals, and the Caste Coart Husen,
Generals and Generals, the Coart Husen of the Coart Husen
Generals and Generals and Caste Coart Husen
Generals and Caste Coart Husen of Caste Coart Husen
Generals and Caste Coart Husen of Caste
General Caste Coart Husen
General Caste Caste Coart Husen
General Caste Caste Caste Caste
General Caste Caste Caste Caste
General Caste Caste Caste Caste
General Caste
Gen

GIRONNE, GIRONNY, in Heraldry, is when a Shield or Coat is divided into feveral Girons, which are alternately Colour and Metal; as in the adjoining Figure, which we Biazon, Gironne of fix Argent and Sable. gent and Sable.

When there are eight pieces or Girons, it is abfolately faid to be Gironne; when there are more, or fewer, the Number is to be express'd—Gironne of four, of

pourteen, &c. Some, inflead of Gironne, fay, Parti, Coupe Trenchi, and Failli, by reason the Girons are form'd by fuch Divifions of the Field.

Four Girons form a Salteer, and eight, a Croft, Sec San-GIVEN, Dates, a Term frequently used in Mathema-

ticks, fignifying fomething which is supposed to be known.

A Circle may be given in Magnitude only, as when on

its Diameter is given, and the Circle not actually deferibed.

If the Kind, or Species of any Figure be given, they lay, given in Specie.—If the Ratio between any two Quantities is they are faid to be given in Proportion

GLACIALIS, Icv, fomething relating to Icc; and par-ticularly, a Place that abounds in Ice. Thus, we say, the Mare Glaciale, or Congelatum, that is, the Icy, or Frozen Sea; call'd also Chronian Sea, or Sarma-

317 Sea. See Sea. The Word is form'd of the Latin Glacies, Ice. See Ice. GLACIS, in Building, &c. is an easy, intentible Stope, or

GLACIS, in Building, Co.
Declivity. See Declivity. See Declivity.
The Deficent, or Inclination of the Glacis is less fleep than that of the Tains. See TALUT.

* Pp
16

In Gardening, a Descent sometimes begins in Talut, and ends in Glacis. The GLACIS of the Cornich is an easy, imperceptible

Slope in the Cymaise of a Cornich is an easy, imperceptant and draining off of the Rain-Water. See Cymaise.

Glacis, in Fordification, is particularly used for that of GEACH, in Foliaments, the Counterfearp, or cover'd Way, is the Stoping Bank that reaches from the Parapet of the Corridor, or Counterfearp, to the level Side of the Field. See

The Glacis is about fix Foot high, and lofes itself by an insensible Diminution in the space of ten Fathoms. See ESPLANADE.

ESPLANDE. in Agriculture, Gardening, Et. a Villa, or open, and light Puffage, made thro's thick Wood, Grove, or the like, by looping off the Branches of Trees along the Way. See Vista, Et. GLADIATOR, in Antiquity, a Períon who fought with naked Swords on the Arena, at Rome, to enternain the Peo-

ple. See ARENA, SPECTACLE, &c.

The Gladiators were usually Slaves, and fought out of Necessity; the foundations, Freemen made Profession there-

of, like our Prize-fighters, for a Livelihood.

After a Slave had ferv'd on the Arena three Years, he

was difmifs'd. See Scave. The Remans borrow'd this cruel Diversion from the Afiaricks: Some suppose that there was Policy herein; the fre-

quent Combates of Gladiators tending to accustom the People to despite Dangers, and Death.

The Origin of ligh Combats scenes to be as follows:

The Origin of lach Combats feers to be as follows: From the circled Times, we have any Acqualizance withal in profane Hiflory, it had been the Castom to facrifice Cap-tives, or Priloscors of War, to the Manes of the Great Men who had died in the Engagement: Thus Mehilles, in the Illiad, L. XXIII. facrifices veelve young Trijoni, to the Manes of Patretins; and in Frigit J. X. L. e. St. Zhoest Ended Captives to Edunder, to be Identified at the Faneral of his Son Pallas.

of his Sch Tellat.

In length of Time they came to forfice Sirves at the Passaria of all Perions of Candition: This was even elizated as again of the Time they are the theory of the Time the Time they are specificated to have malarced them like Bedist, they were apprinted to gight with each other, and do their belt found from the Time they are the theory of the Time they are the the Time they are the Time they are the Time the Time

These Masters, whom the Latins call'd Laniste, bough them Slaves, to train up to this cruel Trade; whom they af-terwards fold to fuch as had occasion to present the People

with fo horrible a Shew. Junius Brutus, who expell'd the Kings, is faid to have been the first who henour'd the Funeral of his Father with thefe inhuman Divertions—They were at first performed mear the Sepulchre of the Deccased, or about the Funeral Pile; but were afterwards removed to the Circus and Ambibeatres, and became ordinary Amusements. See Circus

phitheatres, and became ordinary Amusements. CUS, AMERITHEATRE, &c.
The Emperor Claudius restrain'd them to certain times, but he foen afterwards annull'd what he decreed, and pri-vate Perfons began to exhibit them at Picafure, as usual; and fome carried the brutal Satisfaction so far as to have them

and their ordinary Fealts. See Feast.

And not Slaves only, but other Perfors would hire themfelves to this infamous Office.

neives to this minimum Other.

The Maffer of the Gladiators made them all first swear, that they would fight to death; and if they fail'd therein, they were put to death, either by Fire, or Swords, Clubs, Whips, or the ilke.

Whips, or the like.

Whips, or the like.

Whips, or the Werches to compilat when they were as a former the Werches to compilat when they were asset as a former to the first beath; or face to avoid it, when overcomer Bait is was used for the Prince, or the People to grant them. Life, when they gave no Signs of People to grant them. Life, when they gave no Signs of People to grant them. Life, when they gave no Signs of People with the property of the property

ker 325.

From Slaves, and free'd Men, the wanton Sport spread to People of Rank and Condition; and Nere is related to have brought upwards of 400 Senators, and 600 Roman Knights upon the Scene; yet Domitian, that other Monter of Crucky, refined upon him, exhibiting Combats of Women

in the night-time in the mignitude.

Conflantine the Great is faid to have first prohibited the

Combats of Glashators, in the East, at least, he forbad those

condemn'd to death for their Crimes, to be employ'd herein: There being an Order fill extant to the Prefective Pre-torii, rather to feed them to work in the Mines in lieu thereof: It is dated at Beryta in Phanicia, the first of OffoThe Emperor Honorius first forbad them at Rome, on occasion of the Death of St. Yelemachus, who, coming our of the East into Rome, at the time of one of these Spectacles, went down into the Airms, and used all his Endeavours cles, went down note the Arcus, and usef all his Endeavours to prevent the Gladators' form continuing the Sport: Upon which the Speckators of that Carnage, fired with Anger, stoned him to death. Theodoret, Hiff, Ecclef, L. F. C. 26. It must be other'd, however, that the Practice was not entirely abolified in the Weit before Theodoret, King of the Carnation. The two stones are the considered for the stones.

Offregeths.—Honerius, on the occasion first mentioned, had prohibited them; but the Prohibition does not from to have been executed. Theodoric, in the Year 1 500 abolish'd them finally.

finally. The second of the sec

as Swords, Poniards, &c.

The first were call'd Arma Inferia, or Exercitoria; the fecond, Decretoria, as being given by Decree, or Sentence of the Pretor; or of him at whose Expense the Spechale

of the TTENT of the was given.

They began to fence, or fairmish with the first, which was to be the Frelude to the Eastle: From these, when well warm'd, they advan'd to the second, with which they

toggit saked. The first of the Engagement was called centilare, The first Part of the Engagement was called centilare, presideres; and the Second, diminer and certisms, or critical armin jugamers. And fome Authors think with much Frabability, that it is to these two kinds of Combat that St. Pout allades in the Padigs of Core, los. 6, 21, 1 fight, not at one that beatest the Air; I will keep under my Body, and bring it was Absolution.

bring it into Subjection.

If the Vanquilfi'd gave up his Arms, it was not in the Victor's Power, to grant him Life: It was the People, during the time of the Republic; and the Prince, or People, during the time of the Empire, that were alone impowered to grant the Boon.

he Reward of the Conqueror was a Crown, or a Branch of the Lentisk Tree: Sometimes they gave them his Conge, or difinits'd him, by putting one of the wooden Files, or Rudes in his Hand; and sometimes they even gave him his Freedom.

The Sign, or allication whereby the Spetkarss flawed that they gamed the levent, was, to fail the Thumb, or the they gamed the levent, was, to fail the Thumb, or the they are the state of the state of

Lttp. Saturn. L. H. c. 22.
There were diverse kinds of Gladiators, diffinguished by their Weapons, Manner, and Time of fighting, Ec. as, The Jahdahare, of whom we have already glven an account under the Article Annuara.
The Gaterouri, who fought in Troops, or Companies, Number, against Number. Life Lib. H. c. 16.
The Confusionality, whom Austram mentalon as a Species of The Confusionality, whom Austram mentalon as a Species of

The Collocated, whom Author mension as a Species of Guidaters, the fine with the Radiaria and Terraria; inauditup the Opinion on Parlings in Villey, L. Ville, c. 7, the Collocate and C

understands it of those who had been dismised, and could no longer be oblig do sight, except with Files.

Saturalist reads Gladitor, and refers it to the Emperor, who fought not only on the Arena, and with Files, or blunted Infruments; but at home, with his Servans, and Valets

de Chambre, and with Sharps.

Litlius

Tipfius will have nothing alter'd in the Texts The Gla-diators: Cubicularii, he observes, were those who fought at private Houles, during Feats, 5%. Accordingly, 50 or fays warneful, that Comments from cities found in the man, and spread atoms, during reasts, Sec. Accordingly, 200s says, acceptedly, that Commodate founctimes fought at home, and even killd fome Perfon on fach a Rencounter, but that in publick be only fought with blunted Weapons.

The Dimacks, or Dimachers, who fought arm'd with two Poniards, or Swords 3 or with Sword and Dagger. Lift.

the Effective of the Carray call'd alfo, in an In-ription lately different d at Lyons, Affederii. Sătura. Saturn.

Serm. L. II. c. 13.

The Fifcales, or Cefariani, who belong'd to the Emperor's Company, and who being more robust and dexterous than the rest, were frequently call'd for; and therefore named

Postulatitii. Saturn. L. II. c. 16.
The other Kinds were, the Hoptomachi, Meridiani, Mermillones, Ordinarii, Provocatores, Retiarii, Rudiarii, Se-cutores, Spectatores, and Tiraces: Which foe described un-der their feveral Articles Meridiani, Retiarii, Secu-

TORES, EC

TONER, IGE.

Some Authors, and particularly Figurer on Livy, rank
the Obligaments, mentiond by Sparram in his Like of Marcan sharing, among the Numbers of Galanters. Lighten
are sharing, among the Numbers of Galanters.

The Obligaments requestly were the Troops which that Emperor mired among the Galanters, or whome of Galanters
he made, Soddiers.

The War of the CEADINGORE, Philosophical States
Sparramson, call'd alfo the Sorvice War, was a War which
the Sammer Michael about the Form of this City of Son

The Sammer Michael about the Form of this City of Son

The Sammer Michael about the Form of this City of Son

the Komani Intrance about the Year of their Cary 880.

Spartcast, Crisus, and Censmant, having cleaped with
thirty Giadiator more, out of the Place where they had been
kept, at Capin, gather'd together a Body of Slaves, put
thomicives at their Head, render'd themicives Makers of
all Companies, and gaind feveral Victories over the Roman

At length they were defeated, in the Year 68a, at the Extremity of Italy, having in vain attempted to pass over

into Sicila

This War proved very formidable to the Romans. Craf-fits was not able to finish it: The Great Pompey was fored to be fent as General.-GLADIUS, Sword; or Jus Gladii, q. d. Right of the

GLIDIUS, SWORD; of 71st GLADII, 4. a. Right of the Sword, is ded in our animen Latin Anhors, and in the Norman Laws, for a fupreme jurificition. Combden, in Britannia, writes, Comitant Plat pertinet ad Gladium Ceftrie. And in Stelen, Tit. of Houser, p. 640-Corrian Bana therem de combine placifit, &c. exceptin ad Corrian Pana therem de combine placifit, &c. exceptin ad Gladium ejus pertmentibus.

Gladium em permentibus.
And it is probably from hence, that at the Creation of an Earl, he is Gladio fuestifility, to fignify that he had a Juridicilion over the County. See Earl, Court, Efc.
GLAND, GLANDULA, in Anatomy, a forf, fpungy, lax kind of Body; ferving to feparace ome particular humor from the Mais of Blood. See Encop, and Humon.

The Antients took the Glands to be nothing more than a nee anneas took the Gissati to be nothing more than a kind of Pullouis, or Cufficient, for the neighbouring Farts to reft on—Some of them, at length, began to fucy them. Sponger; to receive and imbibe the luperfluous Motiture of the other Parts.

Later Phylicians came to affign them nobler, and more

Later Phylicians came to align them nobler, and more important Ulera-They condicted them as Gifferni, which contained property from the control of them as Gifferni, which contained properly from the control of the Parts, and fine them away by whoir executory Dafth.

The Moderns, who allow'd them the Organs whereby the viral Flaids are feparated for the Ules of the Eody, confident them is all the control of t

Figures, would only admit of fimilarly figured Particles, to pals thro' them.

pass turo fictor.

But the latelf Authors rather conceive the Glands as
Sieves, whole Perforations being of different Sizes, the of
the fame Figure, only Separate Such Particles whose Diameters are less than their own.

The Glands, to the Eye, appear a fore of whitifh, mem-rancus Maffes, composed of an outer Cover, or Integument, within which a vafeular pleases Matter is contain'd. They are denominated from their Refemblance in-form, to Acorns,

which the Latins call Glandes.

By Diffect on, and the Microscope, they are found to be real Plexus's, or Peloteons of Veffels, variously wound, and implicated among themselves. But the modern Anatomitis, Malonghi, Bellint, Wharton, Nuck, Peyer, &c. have gone But the modern Anatomists, further, and discover'd them to be no more than cont

Convolutions of the capillary Arteries. See ARTERY. Their Formation appears to be thus—An Arrery arriving as a certain Pare, is divided into an infinite Number of exceedingly fine Branche's, or Ramifications: These capillary Branch's are laid in various Bends and Circumvolutions and from the Returns thereof, arise new Branches, or Vest-

cles, for Veins; which, a little fürther, unite, or terminates in fome larger Branch. All these Ramifications, both Veins and Arteries, and rolled up in a Bundle; making numerous Gyres, and Circum volutions: And from the various Bends and Angles form'd

by both Kinds, arife numerous other minute Veffels, which

by both Kinds, sirks numerous other minuse V-effets, which make the pelinpial and most effective librar of the Gland, The Blood brought from the heart-ward, by the Astro-custom of the sirks of the Eur., it is brought back again so the Heart. In the mean time, during in Properts that the Aerterial and Venal Poids, forme Part of it is adorbed, or drawful of at the Orincie What is thus received into these which we wast gail the

What is thus received into these, which we may tall the want is thus received into these, waters we may call the Secretary Duffit, is commonly taken up by other Tubules', fpringing out of them: The's, joining together, form a, major Canal, call'd the Exercising Duff', which, patting out of the Budy of the Gland, carries off the faceted between into fome proper Receipside delitied to entail effects termi-nate in Budy on or Referror's, and deposite their cerui-nate in Budy or Referror's, and deposite their Concentrations.

Such is the general Structure, and Office of the Giands; which we final further illustrate under the Article Shenz-

TION.

A Gland, then, is a Composition of divers kinds of Veftels, vis., an Artery, and New, Secretory, and Exertory,
Dulls: To which may be added a New, which is found,
in every Gland, diffused thro' the whole Subflance thereof, ro
furnish Spriets for the promoting the Secretion, and a Memtrane, which furports the Convolutions of the Vein and Arbrane, which supports the Convolutions of the Vein and Ar-tery, accompanying them thro' all their minurest Divisions ; and Lymphaticks, which have been discovered in several Glaudi. Sec Vein, ARTERY, NIRVE, SECRETORY, Ex-CRETORY, and LYMPHATIC.

The Secretory Tubes, however, are what we principally confider as the Organ of the Gland. These alone do sometimes form the greatest Pare of what is called a Gland, or

glandulosts Bod

M. Winflow has discover'd a kind of Tomentum, or Down ship represents a succover a sum of Yomentum, or Down within their Cavity; which he fuppofes to do the Office of a Philtre, and to be that whereby high a certain Humer is feparated from the common Maß of Blood.—His System will be explained when we come to treat of Skerketton.

The Theories GOM below the next of Skerketton.

will be explained when we come to treat of SEEFETON.

The Down-Foffs being the grand Organ of Secretions,
its Structure and Application is diverified according to the
different Parpofes Nature has in view. Sometimes the Liquor filtrated thro it, trickles out, Drop by Drop, upon a
Membrane, to which one Extremity of the Velfel is fasteen'd, as where the Filtration is only intended for muiten-ing and labricating the Part, with that Liquor: Io which cale the Down-Veffel is both Secretory, and Excretory; which is the most simple Cafe.—Such are those innumerable Glands spread thro' the greatest Part of the Viscera.—

fyread thro' the greatest Fart or the Viscera.—
Sconetimes a great Number of their Down-Veffeit is firead over the inner Surface of a little, intembraous Colf into which they pour their Liquor, which is diffeared hence at a little Aperture in the Cell: Such are the foliatory Glaude' of the luncitines, which appear like to many little Separate Grains

Sometimes a Veffel is bent, and has only Down in the first Part thereof, which alone is Secretory, and the rest ex-cretory, pouring the Liquor into some other common Ca-vity—Such are the Glands that compose a Ca ves Kidney.

vity—Such are the Glands that compole a University of the Secretory Veffels are functiones of a very great Length, nowthithanding that they rake up but little comp, being wound over themselves again and again; sometimes in a single Pelescon, or Knot, and formetimes in several, in—Manahers—Whence the Distinction closed in a common Membrane-Whence the Distinction of Glands into Conglobate, and Conglomerate,

The Glands are of feveral Kinds, in respect of their Form, Structure, Office, and Use: Authors aftually divide them into Conglobate, and Conglomerate.

Conglobate, or Simple Gennes, are those confifting of on

continuous Mais, with an uniform Surface-Such are the Subcutaneous Glands.

A Conglobate Gland, is, more firldly, a little innould Body, wrap'd up in a fine, double Stin, by which it is feparated from all the other Parts; only admitting an Artery and Nerve to pais in, and a Vein and exercity Daft to go with the parts of the state of the st

and Nerve to pais in, and a Vein and accretion Plate. The grant—Their Glands cricker glickness their factoristics and control of the plate of the plate of the plate of the Skir, or the Coats of the looker Memberac found in moll Farts of the Skir, or the Coats of the looker Memberac found in moll Farts of the Skir, or the Coats of the looker Memberac found in moll Farts of the Skir, where the animals Sprits are imposed to be fectived. See Coataxs, Baars, and Strattin, Soch also are the Labeled Glands, and the Felfers. See

TESTICES. Conglomerate, or Compound GLAND, is an irregular At; femblage of feveral simple Giands, tied together,

wrap'd up under one common Membrane—Such are the Ma-sillary Glands, &c.
The Humors fecreted in these Glands, are sometimes difcharged at a common exerctory Duct, form'd of an Union of the exerctory Ducts of all the particular ones; as the Panchreas and Carotides do. See Panchreas and Ca-

ROTIDES. Sometimes, the Ducks uniting form feveral Tubes, only communicating with each other by cms Canals; as in those of the Breafts. See Mammæ.

Some, again, have feveral excretory Tubes, without any Communication together; as the Glandule lachrymales, and

Communication together; as the Gianaute tachrymates, and prefatare. See PROSTATE, Gianaute tachrymates, and prefatare. See PROSTATE, Gianaute tachronic and common Cami, which opens at laft into forme of the greater Cavrites; as the Salvied Gianai, Intelliginal Gianai, See. See Salvies, Investigates, See.

Laftly, in others, each Gland has its own excretory Duck, thro' which it transmits its Liquor to a common Bason; such are those of the Kidneys. See Kidney, Parvis, &c.

The Glands are again divided into Vafeular, and Veficular.

Vafeular GLANDs are only Clotters of little Veffels, which
niting together, form the Canal or exerctory Duck through

uniting together, from the Chair's or executive Data images, which their fecreted Jaice is discharged.

Vefeuter GLANDS are Attemblinges of Veficule communicating with each other, and all terminating in two or three larger Veffcles; by a Prolongation whereof the exerctory Dudl's form!

The Glands, again, are divided into Adventitions; and Perfectual, or Natural. Adventitions GLANDS are those Kernels arising occasion-ally under the Arm-pits, on the Neck, &c. Such are the Strume, and the Tumors sometimes sound on the Larynx, and Middle of the Traches,

Perpetual, or Natural Glands are of two Kinds, Con-globate, and Conglomerate. See Conglobate, and Con-GLOWER ATE.

A Lift of the divers Sorts of Glands in the human Body; each whereof filtrates a different Humor.

Threbri.
Plexus Choroidzei. 3 Sebacer Meatus Auditorii.

Ciliares. Lachrymales 7 Humoremaqueum

8 Cryffallinum (fecementes. 10 Atrum Cho.

11 Nafalcs. 12 Buccales, Labiales, Pala-

13 Parotides, Maxillares, Sublingualer 14 Tonfillarum.

15 Ocfophagi. 16 Afperse Arteriz. 18 Mammarum. 19 Ventriculi. 20 Intellinorum 21 Pancreatis. 22 Hepatis. 23 Vetice Fellis. 24 Renum. 25 Regales.

26 Urcterum 27 Vefice Urinaria. 28 Urethre. 29 Tefficuloru

20 Proftararum. 31 Uteri. 32 Vagina

33 Lymphaticæ. 34 Pinguedinales 35 Medullares. 36 Artuum. 37 Cutis Milliares.

Lumbal GLANDS, or GLANDULE Lumbares, are three Glands, thus called by Bartholine, as lying on the Loins.

See Loins. The two largest lie upon one another betwixt the descend-The two larged ile upon one associar betwist the defending Cava and Aoria, in the Angle made by the Eumogratic Grant and Aoria in the Angle made by the Eumogratic Grant ander the Appendixes of the Diaphragm. They communitate, and are connected toughter by finall lactical Vetfals. Barteloire had concluded them to ferre as a maintain is more probable, vist. that they fapply the Pikes of thoic large Glands found in the Mederactics of Brates. Military Grants, Grantone Aditators. See Military

Glands. Mucilogiaous GLANDS are a kind of Glands first described by Dr. Hauses. See Mucilholmous Glands. Mucous GLANDS, GLANDULE Mucofe; for Mucous

Glands. Mystiferm GLANDS, are Contractions of the Hymen, broke by the first Act of Venery. See Murtiformes Glau-dule; tee also Hymen.

Oderferous GLANDS, GLANDULE Oderfere, are certain final Glands discovered by Dr. Tyfon, in that Part of the Penis, where the Przepuce is contiguous to the Balanus. See

PREPUTIUM. He gave them this Name from the brifk Scent which their He gave them this Name from the brift Seent which their feparated Liquor emits. In fach Porfons as have the Pre-puce longer than ordinary, they are not only more in Num-ber, but larger, and separate a greater Quantity of Juico; which, lodging there, often grows rancid, and corrupts the

Glands. These Glands are very conspicuous in most Quinrupeds, especially Dogs, and Bos Pineal GLAND, GLANDULA GLANDULA Pinealis. See PINEAL Gland, and CONARIUM

Pitnitary GLAND, GLANDULA Pitnitaria, Sec PITUL-TARY Gland

Renal GLANDS, GLANDULE Renales ; call'd alfo Capfishe atrabilares, are two Glauds, first discover'd by Enfactous, between the Aarta, and the Kidneys, a little above the emulgent Vessels; the their Siruation and Figure is varied:

emulgers Veffels; the chief situated and littgers is varied; in found to part roand; in others (quart, rinninglist, refe. The right is usually bigger than the left, and each about the Sixt of a Nier Parimar. They are included in Part. to be or fegurate a Liquer from the Arterial Blood, before it go to the grantes a Liquer from the Arterial Blood, before it go to the Kiddeys.—See Art ALLEASE, a GLANDERS, a finity Direct in a Horfe, confiling in a maning of correy Marier from the Nie, of a different Codour, according to the Diegree of the Miligary, or as in the Military of the Military, or as in the Military of the M

the intercent has been of inserter or inager continuance; so-ing white, yellow, green, or biacker; fome to Infection; Authors akribe it to various Caufes; fome to Infection; fome, to a Disfect of the Lauge, others, to the Spicers; fome, to the Liver; and others, to the Britim—After it has been of 6 long linding, that the Matter is become of a biac-tific Colour, which is ulusly in its last Stoge, they singone it to come from the Spine; and hence call it the Maurining

of the Chine. Kernels and Knots are usually felt under the Caul in

Kerness and Khots are utually tell under the Caul in his Diffeder: And as shede grow begge and more inflamed, so the Glander; increase more under the Hene's Body. A late Author is of opinion, that the chief Seat of this Diffemper is in a little, foft, spungy Fieth, which is catify dilated by the least Influx of the Blood; And thence it is

that forme Horfes have a running at the Nofe from a very flight Cold; but when this fpungy Subfrance happens to be very much relaxed, the Running is increased in Proportion. GLANDULA, in Anatomy, the fame as Gland. See The Word is a Diminutive of the Latin Glans, Acom; and is here us'd on account of fome external Refemblance

and is here used on account of fome external Refermblance between the Glands of the Body, and the Fruit of the Oak.

GLANDULE Schaces, are a Number of Glands under the Skin of the Auricle of the Ear, first discovered by Valfatos, and thus denominated, by reason they separate a greatly

Matter, like Sebum, or Tallow. See Auraces.

This Sebum, he afferts, being carried to the Surface of the Skin, turns into a fealy Subflance, not unlike that of Bran

BEAD.

GLANDULA Gnidonis, among Surgeons, is a Tumor refembling a Gland, Soft, fingle, mortable, without Routs,
and feparated from the adjacent Perts.—

GLANDULE, in Assistomy, &c. a Diminutive of the
Word Gland, signifying a little Gland.

Thus, the Analysidale or Almonds of the Ears are called
Glanduict. See Clossic.

GLANDULOUS, or GLANDULAR, fomething com-orded of Glands; or that abounds with Glands. See GLAND. Thus, the Breafts are faid to be Glandulous Bodies.

Bas last:
The Certical Subflance of the Brain is commonly repeted to be glandaides: Tho' the Excellect Regists, from the Differencies made by his admirable Injections, holds that there is no fach thing therein. See Ba last held of The Antonical diffingulfild a particular kind of Fielis, which they call d Care glandaids, or glandaiess Fielis. See

GLANDULOUS Body, GLANDULOSVIM Corput, the fame with Proplata. See Paory a TA.
GLANS, Acory, in Natural Hiftery, a Frait contain'd within a fmoeth, but hard Bork, including a fingle Seed; at Hidd-part being cover? with a kind of Cap, and the Fore-part bare. See Faulty, and Seed, see 16 Tissera, &c.

BER, ecc.

GLANS, in Anatomy, is the Tip, or Button of the Penis;
or that Part cover'd with the Prepuce; call'd alfo Balanus.
See Balanus, and Panis.

The Glass is only a Dilatation of the Extremity of the fpongeous Subflance of the Urethra, bunch'd and turid back on the two conical Tips of the Corpora course(a, which terminate therein. See URRTHRA, and CAVERNOSA Corpora.

The Extremity of the Prepace is apt to grow fo firaight in old Men, that it cannot bear the Glass; perhaps thro'the Defect of frequent Erections. See Parruck; fee also ERECTION.

DRECTION.

GLANS is alfo ufed for the Tip, or Extremity of the Ciltoris, from its Refemblance both in Form and Ufe, to that
of the Penis. See Catrong. General the the transference of the Penis.

The principal Difference confids in this, that it is not perforated: This Glass is also cover d with a Preputium, form d of the inner Membrane of the Labia. See Pampurium

GLASS, Vitrum, a transparent; brittle, factitious Body, reduc'd of Salt and Sand, by the Action of Fire. See Vi-

TAIN ICANION. — Son IV. The Addison of Fire. Son Vis-The Wood Claff is form d of the Latin Gistlam, a Plans acill by the Greeks flasts, by others, Agigneme, by the addison of the Company of the Company of the Company was fire the Company of the Company of the Company was fire the Company of the Company o

And hence, the factitious Matter we are fpeaking of, came to be call'd Glafi; as having always formewhat of this Blacish-ness in it. See Woan.

The Chymits hold that there is no Body but may be vi-rified, i.e. converted into Gigli—By intenfe Heat even Gold it felf gives way to the Sun's Rays collected in a Bum-th of the Chymin of the Sun's Rays collected in a Bum-chief Sun's Rays collected in a Bum-chief Sun's Rays collected in a Buming-Glafs, and becomes Glafs. See Gold, and Burning-Glafs.

Add, that as Glass is the Effect, or Fruit of Fire, so 'tis the last Effect: All the Chymits Art, and all the Force of Fire not being able to carry the Change of any natural Body beyond its Vitrification. Whence Dr. Merres mentions it as a merry Saying of a very great Artist in the Business of Glass, That their Profession would be the last in the World: For that when God should consume the Universe with Fire, all things therein should be tutn'd to Glass. See VITRIFI-

Nature, Character, and Properties of GLASS.

Naturalists are divided, in what Class of Bodies to rank Glass—Agricola makes it a concert Suice: Betweensist; a Some: Fallopis ranks it among the Media mineralia; and the Workmen, when in Fusion, call it Metal. But Dr. Merret with Reason sets as did call these Opinions, from this Confideration, that all the forementioned Bodies are natural Concretes, whereas Glaß is a Compound made by Art, and never found in the Earth, as the others are.

never bound in the Earth, as the others are.

Fallspiris, indeed, contends, that Gliff is no more strificial
than a Metaly and that they are both equally extracted, or
colucted from other Bodies: The one from Sind, the other
from in Ore.—He adds, that the' Affines be added to Sand,
for the making of Gliff, yet it is fill that they contribute
one of the Gliff is the Gliff in the Composition of Gliff, with the Composition of Gliff; and the
contribution of Gliff is the Gliff in the Composition of Gliff in the Composition of Gliff is the Composition of Gliff in the Composition of Gliff i

mineral Stone-

This, Dr. Merres easily confutes: For if Glass were ex-aracted from the Stones, or Sand only, the Weight of the Metal must be much less than that of the Stones alone;

whereas, it is much greater, an bundred Weight of Sand, fut ficing for 150 of Glass. In effect, the Afhes contribute a deal of Salt to the Com position of Glass—Accordingly, in Pieces of old Glass, one may fornetimes pick out Grains of Salt, easily discoverable to the Tafte; beside that the finest Glass, standing long in to the Taite; beinde that the finett Giafa, shanding long in a subternanous Place, will moulder or recloive into its sirt lagredients, Salt and Sand, by the Decay of the Union thereof. Whence it appears that the Salt remains in the Giafa, in Specie: To which may be added that Experiment of Pan Helmann. "Mede Giafa-Dash with Sandever, and "fet them in a moist Place; and the Giafa will refolve into "let them in a motif Place; and the Glaft will relove into "Water. Pour on Agas regia, enough to faturate ric "Sandever; and the Saod will precipitate to the Bottom in the fame Quantity, and Weight, as was first ucid." Helm. Cap. De Terra.

Helm. Cap. De Yerra. Here, then, is a true Analysis of Glass; or a Solution in-to its first Principles, or Ingredients: The Salt being im-bibed by the Sandever, and Aqua Regia. Merret. in Aat. Neri De Art. Vitrar.

The learned, and curious Author just mentioned, gives us the following Characters, or Properties of Giafs; whereby it is diffinguish'd from all other Bodies; vis. us the laboring Cuncture, or Properties of Giffs;

"" That it is an "refelfal Guerrer of Sait, and Said, or

Stones: "F Biffs," by a frong Fire, "S When field, treatelement, and coheren. "It does not walk, or nonfined in the first of the state of the state of the state of the state that it is a state of the state of the state of the state of the state state of the state of t

plyable thing in the World, and that which best retains the Pythole feling in the Works, and that which best rectains the Falling given it. 2° Nor-capable of learning calorine. 22 An open Gloff, fill'd with Water in the Summer-time, will gather Drops of Water on the Out-fide for its the Water on the Infide reaches; and a Man's Breath blown lipsh it will manifestly mofilen it. 2s² Little Galls Balls fill'd with will manifoldly modifien it. 28° Lutte Clafs Balls field with West, Mercury, or other Lingus, and throw into the Friez 2 as allo Propo of Geron Gold beaken, fy affineder with a load Notic 28° Netherle West, Elect 20° not any other proposed of the Company of the Company of the Company in the Company of the Company of the Company in the Company of the IBILITY of Glaff

For the Malleability of GLASS, fee MALLEABILITY, &c.

History, and Antiquity of GLASS.

De Neri will have Glass as antient as Job : For that Writer, c. XXVIII. v. 17, speaking of Wisdom, says, Gold and Glass shall not be equalled to it. and Gaist looks not be equalitated in.

This, we are to observe, is the Reading of the Sopiusgint, Vulgate Latin, St. Jerom, Pineda, St. For in the
English Vertico, inflead of Glass, we read Crysfals; and
the same is done in the Chatdee, Arids Montanus, and the
same is done in the Chatdee, Arids Montanus, and the King of Spain's Edition : In other Vertions, Sc. it is read

away to spans a nation: In other Verificos, EE. it is read, a Stone; is nother, a Erge! in the Indian, Spanish, French, High and Lew Dritch, &c. a Dramoud; in others, a Erge!—In other, the Original Word is Zechnecht, from the Roof Zeeae, to purify, cleanel, thinc, be white, transparent: And the same Word, Eeed, XXX, 3.4, is applied to Proudem and rendered in the Septangian, Additional Processing and the Additional Processing and rendered in the Septangian, Additional Processing and Processi and render'd in the Septuagint, pellucid.—Hence the Reason of so many different Rendrings: For the Word signifying beautiful, and transparent in the general, the Translators were at liberty to apply it to whatever was valuable and

Med. Authors will have drifteshauer to be the hith author who mentions Giafi. That Poet, in his Coincidy and drifteshaus, Seen. J. All: a uses the Word Hyalan, back? which is now ordinarily render'd Glafi. He there introduces sthrepfinder, reaching Secretar's a new way to pay old Debts, vib. "by placing a fair transparent Stone fold by the Druggills, a Committee him is fruch. between the Sun and the Writ-Most Authors will have Aristophanes to be the first Author "from which Fire is fruck, between the Sun and the Writing; and to melting away the Letters thereof." This Stone
Secrates calls was , which the Scholiast on Aristophanes derives from wie to pain, from the Likenels it bears to lee

derives from wöx to print, from the Likemás it betwire blee, which is klein, or witter conguell's, their mult be own'd the Word & Self is ambiguous, and figuiting Capital is well and the Word & Self is ambiguous, and figuiting Capital is well anaber, transpirant as Gliff, citled by from, & 6.60°. Artifacts has two Problems upon Gliff; it the first, Why we for heroph It? The found, Why it cannot be bettern if the the Problems be Artifacts, which the Learnest doubt very by of Gliff; it has the first harbor, who makes unspecified by of Gliff; it has the first harbor, who makes unspecified of Mension of this Mutter, is Mensader Ajbrasligats, who ulse it in a Simile: "As the Probadect of Colour is feather who."

After him the Word occurs commonly enough: Lucian mentions large Drinking Glafest and Plutarch, in his Sym poflacon, fays that the Fire of Tamarisk Wood is fittelf to the making of Glaft.

Among the Latin Writers, Lucretius is the first that takes notice of Glafi. —Nisi rella foraminu transmt—Qua-

lia funt Vitri.-

Its fait Virti
Dr. Merret, however, adds, that Glaß could not be
unknown to the Antients; but that it must needs be as
antient as Pottery it felf, or the Art of making Bricks: For
fearcely can a Klin of Bricks be burnt; or a Batch of Pottry Ware be made, but fome of the Bricks, and Ware, will

have the Company of the Bricks and Ware, will have the Company of the Bricks and Ware, will have the Company of the Bricks and Ware, will have the Company of the Bricks and Ware, will have the Company of the Bricks and Ware, will have the Company of the Bricks and Ware, will have the Bricks and Ware, which was the Bricks and Ware, will be a support the Bricks and Ware, will be a support to the Bricks and Ware, will be a support to the Bricks and Ware, will be a support to the Bricks and Ware, will be a support to the Bricks and Ware, will be a support to the Bricks and Ware, will be a support to the Bricks and Ware, will be a support to the Bricks and Ware, will be a support to the Bricks and Ware, will be a support to the Bricks and Ware, which was the Bricks and Ware, which be at least superficially turn'd to Glas: And therefore, without doubt it was known at the Building of Babel.

out doubt it was known at the Building of Melyl.

Hence, Fernat Inferents, like 3:6, r., "Glalg, like the
artificial Kind, is found under Ground, in Places where
great Fires have been—Other Galge; are found in round
"Codd, like Fireflone, fome britile, others firm, Etc. This
"Folli Glafg is wrought by the Americans, and tief in"Head of Iron." Ib. XXV. 6, r. And no doubt, but Visities
cations were more common in the anther British that Visities.

they tempered their Earth two Years together, and burnt them better. See BRICK. Pline relates the manner of the Discovery of Glass-It was Flight (elaits the manner of the Discovery of Chip—I was found, according to that Author, by accident, in Syrin, at the Meath of the River Eelst, by certain Merchants driven thither by the Fortune of the Sea. Being obliged to live there, and drefs their Victuals, by making a Fire on the Ground; and there being Score of the Plant Kall upon the

Spot; this Herb being burnt to Afhes, and the S Stone Stones of the Place, accidentally mix'd with it, a Vicrifica-tion was undefiguedly made. From whence the Hint was on was undefignedly made.

Stoom of the Flace, academally mixed with 1s, a Viriffica-tion was undefinedly made. From whose the Hau was taken, and only improved.

It was been also been also been also been also as a large and only improved. It was been also also also also also also working it, a papers of one good and analysis.—The first Flace mention of for the making hereod, it is Sadon in Oyris, 2007, a CANTO Let also The first Time of Priving's, whose player better than a Audit was put to dont for make the Priving Let also the Audit was not to the Control of the Oyris, and the Control of the Control of the Priving, the many Yean, excelled all Europe for the Fine-tion of the Oyris, the Control of the Control of the Priving, the Market of the Control of the Control of the Oyris, the Control of the Control of the Control of the Oyris of the Control of the Control of the Control of the Oyris of the Control of the Control of the Control of the Oyris of the Control of the Control of the Control of the Oyris of the Control of

Ingredients of GLASS, with the Method of preparing them.

The Materials used in the Composition of Glass, we have observ'd, are Sait 4 and Sand, or Stone. See Saur, and SAND.

The Salt is of the fix'd Kind; fach as will not evaporate with the most intense Heat.—The Sand, or Stone must be fuch as will melt easily: This is what gives Firmnes and Considerate to the Glass.

Confidence to the Gight.

"This Sait is procured theight from a load of A face, call it are "This Sait is procured theight from a load of the Garden and Tripleti—The A falls are toke of a Vegenshe's frequent in the Country, commonly called Kali; Gardeniane Kalli; Kaling Gali; by Golfer, Akalig Kaling Kaling Kaling Kaling Kaling Carlon, Packford, Packford, Packford, Redding & Carlon, Packford, Pac KALI and POLVERINE.

Baubin mentions ten Species of this Plant ; whereof there are four ufed by the Alexandrians, &c., for the making of Polverine, and Soap; viz. Kali geniculatum; Kali fe-cunda species; Kali Ægyptiacum; and Kali Spinosum.

summen preserts; Anst ACRYPTICHUM; ama Anst Symmylum.

The first and sits, our own Costs affords, where they are call'd by the People Fraggrafs, and Sacagrafs; but they are of no acie for making of Glaft; Being laid on a hort kron, they fly off almost wholly in Funnes, leaving no Althea at all; whereas the Kalles brought from the Lecent, applied on the fame Iron, are foon converted almost wholly in overzing, i.e. very faime fallese, old a dark Colour, See Soars.

werman, i.e. wery faines Alben, of a dark Colour. See Soax-TO get the Salt from this Pelvorrie, they palveries, and fift it very fine; then hold it in a Brafa Copper, with fair Water and Tarter, till a third Brar of the Water to confused, subley care with first Water, they bot it a found time, till hall be confused: This decond time, till hall be confused it had been they be to be time, till hall be confused: This does, they have a Lee impreguated with Salt. To get the Salt from the Lees, they belt them, till he Salt flowers the Tore which they from the Salt to the Salt from the Tore which they from the Salt to the Salt flowers the Tore with they formed the Salt flowers of Salt.

meanly yieus eignty or ninety or Salt.

When the Salt is dry, they beat it grofly, and put it into a Furnace, to dry it further with a gentle Heat. When fufficiently dry, they pound and fift it very fine, and lay it by to make Pril. See FALT.

Note, Inflead of the Ashes of the Plant Kali, those of

Form will also yield a Salt, which makes excellent Glass; nothing inferior to that of Polverine. The Method of Premothing interior to that of Folvering. The Method of Pro-paration is the fame. Add, that the Afties of the Cods, and Stalks of Beans; as also those of Coleworts, Bramble Bulh, Miller Stalks, Rufnes, Fern Rufnes, and many other Plants may be used for the like Purpole, and after the fame manner.

may be used as the first support, and sates the teme insular-2° For Some, the fectoral ingredient in Glaff.—The belf, we have object d, is that which will melt, is white, and tranf-parent. This is found principally in Italy, being a fort of Marble, call'd Yarfs: The next is Someoli, or Cargele, a fort of Pebbles found at the Bottoms of Rivers. Indeed, nothing makes finer and clearer Glaß than Filint, but the Charge of preparing it, deters the Glaß-men from

using it. The Preparation necessary for Stone, is to cal-Ans. Ners observes, that all white, transparent Stones, which will not burn to Lime, are fit to make Glass; and

that all Stones which will firlke Fire with Steel, are capable of being employ'd in making of Glass. But this latter Rule, Dr. Merrer observes, does not hold universally.

Dr. Merret observes, does not hood university;
Where proper Sone cannot be had, Samé is us'd: The
best for the purpote is that which is white and finall; for
green Glafs, that which is harder, and more gritty: It is to
be well wish'd; which is all the Preparation is needs—Our
Glafs houfes are furnish'd with white Sand for their Crystal
Glafs, if from Maidflows; and with the coarser, for green Glaß, from Maidftone.

Giajt, rom Maiajonie.

Some mention a third lagredient in Glafs, viz. Manganefe, or Systera, a kind of Pficude Loadstone, dug up in
Germany, Hady, and even in Mendip Hills in Somergieffiers.

But the Proportion hereof to the reft, is very inconsiderable;
beside, that it is not asked in all Glafs. Its Office is to purge
off the natural greenish Colour, and give it some other Tia-

Method of making White, and Crystal GLASS.

There are three forts of Furnaces us'd in the Glaft-works: One to prepare the Prit, call'd the Calear: A fecond to work the Glafs; and a third, call'd the Leer, to anneal it. See them all described under the Article FURNACE.

To make Cryftal Glafi, take of the whitest Tarfo pounded fmall, and sierced as fine as Flower, two hundred Pounds; and Salt of Polverine, an hundred and thirty Pounds. Mix them together, and put them into the Farnace call'd Cal-car, first beating it. For an Hour keep a moderate Fire, and keep filtring the Materials, that they may incorporate and calcine together. Then increase the Fire for five Hours: After which take out the Matter; which being now fufficiently calcined, is called Frit.—From the Calcar put the Frit in a dry Piace, and cover it up from the Duit, for three er

our Months. See Fair.

cture requir'd.

four Months. See Fair.
Now, to make the Glafs, or Crystal: Take of this Crystal
Frit, call'd also Bollitos feet it in Pots in the Farnace, adding
to it a due Quantity of Manganese: When the two are
fused, esit the Fluor into fair Water, to clear it of the Salt, field, est the Fluor into fit Wiere, to citer it of the Salt, culf danderey which would otherwise make the Crystal observe, and casely. The Johns must be repeated again, and as contain, uithe clayside builty pragred, whether it have Manganetic enough; and if it be yet green-stift, add more Manganetic accough; and if it be yet green-stift, add more Manganetic accough; and if it be yet green-stift, add more Manganetic shoules to be supported to the state of the state of

There are three principal Kinds of Glaffes, diflinguish'd There are three principal Kines or triages, dillinguished by the Form, or manner of working them, viz. Resmed Glass, as these of our Veillels, Philats, Drinking Glasses, Scale of Windows Glass, of which there are diverse Kinds, viz.. Groun Glass, Jealous Glass, &c. and Plate Glass, or Looking Glaft.

Method of Working or Blowing Round GLASS.

The Working Fursace, we have abler'd, It remail, see has 68 Steers, or Apertures: A tone of their, call'd the great Steers, the Fursace is hearted, and the Found Strick the Aperture Steers, and the Found Strick the Steers, and the Found Strick the Steers of the Steers The Working Furnace, we have obferv'd, is round

nels whereof helps to confoldare the Giaf; more readily, and disposes it the better to bind with the next to be taken out of the Pot.

After they have dippd the fourth time, and there is now Matter enough on the Inflrument, the Operator begins to blow gently thro! the Iron; by which he raifes or lenghtens it nearly a Poot; much as we do by blowing in a Bladder, or Globe: And to give it a Polifit, he rolls it to and fro on

or Giober: And to give in a Poilith, he rous it to and no ou as Song, or Mail bows a focoad time, and this forms the Bunk, or Belly of the Gigl. The Matter by this focoad Blatt afformes the Egure of a Goard, or Callebris, eighteen or veney lackets in Diameter. As often as the Operator or veney lackets in Diameter. As often as the Operator in Julius 1988 of the Company of the Com

it hattily from his Mooth to his Check, lett no induct use the Flame into his Mooth, when he re-applies it to the Iron. The Operator which his Iron many times round his Head, to lengthon and cool the Glaff; fometimes the Glaff thus blown round, is return'd to the Fire, where it flattens a little of the Glaff in the Check of the blown round, is returned to the Fire, where it raitens a new of itself: When flatted, it is taken out, and cooled; and in needful for the Defign, the Workman flats its Bottom, by preffing it on the Marble; or moulds it in the Stomp-irons: And thus delivers it to the Mafter Workman, to break off

the Collet.

she Collet.
The Collet, or Neck, is the narrow Part which clove to
the Iran. To fee the Gigf at therry, they lay a Drop of
the Iran. To fee the Gigf at the they, they lay a Drop of
the Iran. The Collet and the Iran.
The Collet and Iran.
The Collet and Iran.
The Collet and Iran.
The Collet.
The walf Reco to be thrown by a unke gene Gigf.
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The Walf Reco to be thrown by a unke gene Gigf.
The Walf Reco to be thrown by a unke gene Gigf.
The Walf Reco to be thrown by a unke gene Gigf.
The Walf Reco to be thrown the Walf, a sportion to
the Collet.
The Welff thus Infained by the Iran.

articl to the great Bocca to be heated, and fealedd; and while another Perfon takes care thereof, the former Opera-tor refts and prepares himfelf for the Branching.

tor retis and prepares himself for the Branching.
To branch, or make the Bowl, they thrulf in an Iron Iofirument, call'd Padjage; and the Aperare, open of thereby, they further augment, and widen with the Procelle 1 in
turning this Infirument about, to form the Bowl, the Edge
becomes thickned; the Glaß being, as it were, doubled in
that Part: Whome the Hem observed on the Circumfrence. of our Glaffes .- What is superfluous, they cur off with the

Shears. The Veffel thus open'd, is return'd to the great Bocca; where, being fufficiently heated a fectod time, the Workman gives the Bowl its finishing, by turning it about with a circular Motion a which it increales, in proportion as the Bowl opens, and enlarges by means of the Heat and Agitation.

opens, and enarges by means of the recut and approximately The Glight bias finished, they carry it from the Becca, fill turning it round, to a kind of earthen Bench, cover with Brands, or Coale extinguish'd: Here they let it would be a little, and come to its Coonfitence, having first detach'd it from the Iron Red, by a Stroak or two with the Hand.

from the fron Root, by a decour or the wint the Habit.

Thus, with blowing, prefigns, feating, emplifying, and entiting, the Giaß is framed into the Shape preconceived in the Workman's Mind. If need be, he proceeds to put on a Fost and Handle; and with the Spici puts on Regarding, and Marblings

When the Master has finish'd a Number of them, another Servitor takes them with an Iron Fork, and speedily places them in the Tower, or Leer to anneal and harden.

See FURNACE, ANNEALING, EG. What has been here fided of White, or Cryflal Glaß, holds equally of common, or Green Glaß; the working being the fame in all 5 and the Difference only in the Salt, or Polyerine made use of.

mado de of.

So many Mafters as there are, fo mmy Potts, at the leafs, and so many Becat's there must be; each Man having his and so many Becat's there must be; each Man having his property the Heart half processed the property of the state of the stat Eyes from the executive Heat and Light.—They fit in large, wide, wooden Chairs, with two long Elbows, to which their Inftraments are hung. They work fix Hours at a time, meafurd by a fingle Gladis; after which they are relieved by others, for the like Time: So that the Farnaces are ne-

Method of working, or blowing Window, or Table Glass.

The Method of making Crown Window Glaß, now pra-cha'd in England, is find to have been borrowed from the Permelb—An Englaß Glais-maker west over, to work in France, on purpole to get into the Secret; which, when he had attaind to, he return'd, and frein a Glais-work, where-in he far outdid the Premis, his Teichers.

This G(as) is blown much after the manner of Looking G(as). Some Writers, from wrong Intelligence, have faid that it was run, or cast in Sand: But the real Process is as

The Furnace, Melting-pots, Materials, and Fird are the fame for Window, or Table Glafi; as for Round Glafi; and the Difference in the Operation only commences after the Servitor has dip'd his Blowing-iron the fourth time in the melted Metal.

meited Merzal.

The Gigli, then, being in this Condition, they blow it;
but initized of rounding, or forming it into a Beach; the
but initized of rounding, or forming it into a Beach; the
initial or the state of the state of the state of the
ing and managing he Wirel, and the way or rulling it in the
iran anske it extend in length two or three Feor, and
form a Cylinder, which at first is but two brekes in
Distructor; but which, by being recommitted to the Fire,
and from a Wirel when taken on, becomes of the Extent
and from a Virginder, when taken on, becomes of the Extent
and from a Virginder. required for the Table of Glaß to be form'd. With this Cir-cumfiance bowever, that the Side which is faffen'd to the Iron, goes gradually diminishing, and ends in a kind of Cone, or Pyramid

To render the two Ends nearly of the fame Diameter, To render the two Ends nearly of the tame Dramecra, after adding a little Glaf) to that opposite to the ton, they draw it out with a Pair of Iron Pinchers. Then they incide, or cut off the fame End with a little Water; and carrying the Cylinder back to the Bocca, they incide it likewife with Water the Water than the Water than the Charles of the Company of the Cylinder back to the Bocca, they incide it likewife with Water than the Water than the Charles of the Company of the Cylinder back to the Bocca of the Charles of the Ch

the Cylinder back to the Bocca, they incide it likewise with water in two short Places; one, eighth, or ten Inches front. The Griff Cylinder thus stridigl of both its Externities, in part, heard on a kind of earthen Table, fomewhat raided in the Middle, in order to promote its Opening at the contract of the Cylinder thus are the contract of makes side of an Ican, wherevolt has elementary before and raided the two Sides, or Halvest of the Cylinder, which sow have been contracted to the Cylinder, which sow however were well-celled that.—The Table of Griff is seen in its beath row we derived that.—The Table of Griff is seen in its

begin to open, and unfold like a Sheet of Paper, and at length group recibility flat—The Table of Grigls in sow in the last Terricition, and needs nothing further but to be heated Copper; whence, fair, it has to cold and come to it Comi-stock, they carry it on Forks to the Tower of the Parante, when they have it on much for a Zhoma. time, which former the control of the Table of the Table of the former than the control of the Table of the Con-trol of the Common to an handerd, with the perpendicular Swateon they are te in, occasioned, antimetr, that their Swateon they are te in, occasioned, antimetr, that their hand the control of the Common terricity of the con-trol of the Common terricity of the Common terricity of the India, were been and thus tenderal inconvenient for Ufer. But this Lonconvenience is now remedially by feparating them into Ten, with an Iron Shivery which distinsifing the subject of the Common terricity of t as they were put in

Kinds of Table, or Window GLASS.

There are divers Sores of this Glafs, made in diverse Places, for the use of Building: Those most known among us, are given as, by the Anthor of the Builders Dictionary,

Crown Grass, of which, fays that Author, there are two Kinds; diffinguish'd by the Places where they are wrought, viz. 1° Rateliff Crown Glass, which is the best and clearest; vib. 1" Kalliff Torous Gish, which is the best and clearcity, and was first made at the Bear Garden, on the Bank-lide, Southwark; but fince at Rateliff: Of this there are 14 ffebre to the Gig., the Tables being of a citcellar Form, about three Foot fix Inches to Diameter. See Table, and Case. 2" Lambert Croum Gish, which is of a darker Golour 2" Lambert Croum Gish, which is of a darker Golour 1.

2º Lambeth Croum Giagi, which is of a garket consults than the former, and more inclining to green.

French Grass, also call'd Normandy Giafi, and formerly Lorrain Giafi, because made in these Provinces. At prefent it is made wholly in the Nine Giafi Works; five whereof are in the Foreit of Lyons; four in the County of Eu; the last, at Beaument, near Rossen.—It is of a thinner Kind than our Crown Glaft; and when laid on a Piece of white Paper, appears of a dirtyish green Colour. There are but 25 Tables to the Case.

are out a 1 failure to the Cate.

German GLASS, is of two kinds, White, and Green: The

firit is of a whitifth Colour, but fabbect to their finall, curved

Streaks, oblerved in our New-Ceiflie Glaff; the free from

the Spots and Blemifines thereof. The Green, befide its

Colour, is liable to the farme Streaks as the White: But both of them are ftraighter, and less warped than our New-Caftle Glass .-

New Coffle Giaft,—
Dates Gasas, in not much unlike our New-Coffle Giaft,
Dates Gasas, in not much unlike our New-Coffle Giaft,
Dates Gasas, in the most under the control of the control o

Method of working PLATE-or LOOKING GLASS.

The Materials whereof Looking Glass is made, are much the fame as those of other Works of Glass; wiz. an Alkali Salt, and Sand. The Salt, however, it is to be oblerv'd, fload not be that make Gloffer of more than double the Dimensions of any exaracled from Twienrine, or the After of the Syrins Kniji made the Ferentien way of Noming, that also contin like about that from Zarnilia, or the After of a Fine of that of Dimension, Solding the Marchine of Salte, the Salte of Salte of that of the Salte of Salte of the Salte of Salte of the Salte of in Spane.—The very rare that we can have the Barilla pure; the Spaniarsh, in burning the Herb, make a Practice of mixing another Herb along with it, which altern its Quality; or of adding Sand to it, to interact the Weight: Which is easily differed, if the Addition be only made after the boiling of the Aftes, but next to impossible, if made in the boiling. It is from this Adulteration that those Threads and boiling. It is from this Adulteration that those Threads and other Defects in Plate Glass arise.—To propare the Salt,

other. Deficit is plant conversation that those 'Irrach's and they glean it used an end of articles. To propose the Solit king clean it used an end of a conversation of a conversation is with a kind of Mill, and first prerey fine.

As to the Soud, via to be fifted, and which, off these of the solit, and the solit, and the solit, and the conversation of direct again, they mix it with the Salt, putting the Mixture thrive another Silver. This does, they day them in the tra-te of the solit, and the solit, and the solit of the Matter Becomes very light, and white: In which Stean they are called Fritz or Fritz, and are to the day in a day clean lives, to give them time to incorporate, for at beth a When they would complete Mr. 19.

Year. See Farr.
When they would employ this Frit, they lay it for fome
Hours in the Furnace, adding to fome, the Fragments, or
Shards of old, and ill made Glagfer; raking care first to calcinc the Shards, by heating them red hor in the Furnace,
and thas cattling them into cold Water. To the Mixture
mutil likewife be added Manganefe, to promote the Fusion, and Purification. The Matter thus far prepared, is equally fit for Plate-Glaß to be form'd either by Blowing, or Catting.-

Method of blowing LOOKING-GLASS-PLATES.

The Work-houses, Furnaces, &c. used in the making of this wind of Flate Giff), are the same as those in the following Article, to which the Kader is reford.

The Melting-pots, wherein the Materials to be blows, are fined, are 38 father in Diameter, and 35 bigh. After those Materials are vitrified by the Heat of the Fire 3 and the Giffs is fufficiently refined, in Matter Workman dips in

his Blowing-iron, once, and again, till he has got Matter

his Bowing-ren, core, and again, till the has goe Bauser cough thereon.

This done, her mount on a kind of Block, or Stood, five Foothigh, to be more at tilterity to ballance it, as it lengthess in the blowing. If the Work he too heavy for the Workman to fifthis as he Blowang for, two core not Astroduce and the state of the blowing for the state of the Workman to fifthis as he Blowang for, two core of the College of the State of the State of the Workman to fifthis as it ferred too, for fast it found this off the line of the State of

When, a fee Terena repeated Heatings, and Blowings, the Guift is at length twought to the Compaig, reprete for its Thickness, and the Quantity of Metal taken out, they cut over the properties of the law. The Fointilis a long, firm Fixee of Fron, having a Piece of Single a-code one of its Robs, in names or a T. To pointil a long, firm Fixee of Fron, having a Piece of Single a-code one of its Robs, in names or a T. To pointil a confidence of its Robs, in names or a T. To pointil a confidence of its Robs, in names or a T. To pointil a to the Sartenily of the Guifa Heising thereto, help fiften it to the Sartenily of the Guifa Heising thereto, they fiften it in the Sartenily of the Guifa Heising the cut off. When it is infliciently failted, they fearned the other Sartenius of the Guifa Heising the Sowing iron, and inflicient thereof, make Guifa from the Bosing iron, and inflicient director, and the Guifa from the Bosing iron, and inflicient director, and the Guifa from the Bosing iron, and inflicient director, and the Guifa from the Bosing iron, and inflicient director, and the Guifa from the Bosing iron, and inflicient director, and the Guifa from the Bosing iron, and inflicient director, and the Guifa from the Bosing iron, and inflicient director, and the Guifa from the Bosing iron, and inflicient director, and the Guifa from the Guifa from the Bosing iron, and inflicient director, and the Guifa from the Bosing iron, and inflicient director, and the Guifa from the Guifa Glaff from the Blowing-iron; and inflead thereof, make use of the Pointil to earny it to the Furnasca appointed for that end, where, by feveral repeated Heatings, they continue to enlarge it, till it he caughly thick in every Part.

This does, they can't open with the Forces; not only on the Side by which it stuck to the Blowing-iron, but likewife the whole Length of the Cylinders! After which, giving it.

a fufficient Hearing, it is in a condition to be cotirely open'd, extended, and flatten'd. The manner of doing which is much the same as for Table Glass, and need not be here re-

Laffly, the Glass being fufficiently flatted, is laid to a teo, or fifteen Days, according to the Size and Thickness.

It may be observed, that Looking Glasses that blown, should never be above 45, or at most 50 inches long, and of a Breadth proportionable. Those exceeding these Dimensions, 25 we proportionable. Those exceeding these Dimensions, as we frequently find among the Venice Glasses, cannot have the Thickness sufficient to bear the Grinding; and beside an subject to warp, which prevents them from regularly reflecting Objects.

Method of caffing, or running large LOOKING-GLASS-PLATES.

This Art is of French Invention; and not above fifty Years old. "Tis owing to the Siear Abraham Theoars, who firth proped di to the Court of France, in 1688. It is perform 'd much like the cathing of Sheet Lead, among the Planch Department of the Planch Sheet France in 1688. the Plambers: By means hereof we are not only enabled to

rnade the Venetian way of blowing; but also to cast all kinds

of Bonders, Mondlings, Eff.

The Furnesce for melting the Mauerials of this Manufa-ture, are of common Size; and thois for amening the form, are of common Size; and thois for amening the Parantee, there are at least tweerify fact Amening Furnesce, each from 10 to 25 Foot long. They are called Carpatties: Each Graquids have by Tollers, an Aperture, to part in Each Graquids have the Tollers, and Aperture, to part in Furnesce, Eff. there are others for the making of First, and calching old Fireco of Guiffe.

All their Furnesce are overed over with a large Shedy Smith, Carpetant, Eff. continuity emoby! (ils resulting).

All their Farmeen are overelf over with a large Shely somition, Create the Continuel you would be supported by the Shely Somition, Create the Continuels, only off it repairs, and keeping up the Machines, Farmeen, Eric An all Ledges, and Apartments, for their, and the colored Workmen enters and Apartments, for their, and the colored their colored thei

fuch time as they appear all white, through the exceffive

To get the Cifterns with the Metal out of the Furr to get not current was not because the or one submer-table with Hooks, and Eyes. From the Middle better, on each side, aide two mustive item Fias, whereby, with the Affi-flance of Pailles, the Clifters are raid on a kind of Car-riage of a proper Heighty, and thus conducted to the Table where the Clift is to be run. Here, flipping off the Bot-rom of the Cliftens, there rulles out a Torrent of Muster, all in Fire, wherewith the Table, proposed for that parpore,

is prefently cover'd.

The Table, whereon the Glaff is to be run, is of Pot Metal,

The Table, wherean the Guly is to be run, in of Fee Mexi, shout nice foce tone, and brood in proportion. It is hypogened on a weeder Lemme, with Truchtes, for the Cappened on a weeder. I have been supported to the Cappened of the Cappened of the Cappened to the Cappened of the Cappened that it does not run off at the Edges.

As foon as the Matter is arrived at the End of the Table,

and the Glaff is come to a Confiftence, which is in about a Minute; they flowe it off into the Annealing Farnace, where it flides with case enough, by reason of the Sand itrew'd.

What is most furprising throughout the whole Opera-tion, is the Quickrels, and Adreds, wherewith fach maily (fifters, fill of with 6 firming a Matter, are raken out of the Furnace, convey'd to the Table, you'd therein, the Golfs fpread, 6c. The whole is inconceivable to fach as has fair as the Cilterus are emptiod, they carry then but, has been and rake fifth once, which they empty as to the Furnace, and take fresh ones, which they empty as before. This they continue to do, so long as there are any before. This they continue to on, to long as there are any fail Cifferns; laying as many Plates in each Carquaffe as it will hold, and fropping them up as foon as they are full; to let them anneal, and cool again, which requires at leaft ten

Days.

The first Running being dispatch'd, they prepare another, by filling the Cifterns a-new, from the Matter in the Pois; And after the fecond, a third; and even a fourth time, till

And after the fection, a tracty and even a fourth time, in the Melting-pois are quite empty.

The Cliftern, at each Running, Inould remain at leaft fix Hoars in the Furnace, to shitrar, and when the first Annexing Furnace is full, the Catting-tuble is to be carried to another. It need not here to other the that the Carquaffer, or Annexing Furnaces mult fath have been heated to the Degree proper for them. When the Potsar empired, they take them out, as well as the Cifterns, to ferape off

what Gligh remains, which otherwide seadl grow growth by Continuates of Fire, and Fight the Glight.

The number of healthy the large framene, is singular and the continuation of the cont

For the Poliating of GLASS, fee FOLIATING.

Painting on GLASS.

The primitive manner of painting on $Gla\beta$ was very fim-ple, and of confequence very easy: It consisted in the mere Arrangement of pieces of $Gla\beta$ of different Colours, in some fort of Symmetry; and conflituted a kind of what we call
Mofaic Work. See Mosate Work.

Afterwards, when they came to attempt more regular Defigns, and even to represent Figures rais'd with all their Shades, their whole Adress went no farther than to the drawing the Contours of the Figures in Black, with Water-colours, and hatching the Draperies, after the fame manner, on Glaffes of the Colour of the Object intended to be

on Guide's of the Colour of the Object insteaded to be plated. For the Colour of the Object instead of the plated. For the Colour of the Object is a bright to the fact, 45c, with Black. At list, the Title for this for of Planing being confider-ably improved, and the Art being found applicable to the adorning of Churches, Ballicks, 5c, they load means of incorporating the Colours with the Gight Held, by exposing them to a grouper Degree of Fire, after the Colours had

them to a proper Degree of Fire, after the Colears had been laid on.

A Freezh Painter of Marghilles is faid to have given the firl Notion herced, upon going to Rome, under the Pontificate of Yollint II. Albert Durer, and Lucas of Leydes were the first that carried it to any Height.

The Colours add in painting on Gills, are very different from thole used either in painting in Oil, or Water. See

frem hofes stell cither in paining in Oil, or Water. See TANTONIO.

AND THE TANTONIO AND TH

thole Drugs for Violet.—Grantinis are made of Ferretts and Readille 7 And latily, Colours for the Hist, Trunks of Trees, 8c. are made of Ferretts, Readille, 5c.
This Account of the Colours we have from Monf. Felibien's Excellent Work des Principes Architecture, 8c.
Tho's it must be own'd that all the Pairnets on Gliss don't suite them; there being sew Artists of that kind but have use them 5 there being lew Artills of that kink Dus have invented their own particular ones, whereof they make great Secrets. Barthis is certain, that these above described are fufficient for the best Paintings of all forts 3 provided a Person has but the Skill to manage them.

In the Windows of divers antient Churches, Chapels,

Colleges, &c. we meet with the most beautiful, and vivid Colleges, 556, we meet with the most beautile, and wrist Colours imaginable; such as far execced any used among use Not that the Secret of making those Colours is left; but that the Moderns won't go to the Expence of them; nor take all the necetiary Pains; by reason this foer of Painting is not now to much eletern M as incrnerily.

Those beautiful Works, which were made in the Glass-sules, were of two kinds: In force, the Colour was diffused houfs, were of reackings. In forme, the Colour was drifted that the whole Boyl of $Bild_3$ is ottors, which were the third the whole Boyl of $Bild_3$ is ottors, which were the networking within the Sabilance above one third of a Ling the more, or left, according to the Nature of the Colour, the Yellow being always found to cuter the Colour, the Yellow being always found to cuter the Colour, the Yellow being always found to cuter the Colour, we will be the property of the Colour, which were the value of the Westman at the Yellow, on the fame $Glad_3$, the size of the work of the Colour than the Colo

the time Gills, the skeedy coloured, they could take of the projects, early the me with Follages, or expected mother Ocamonato Gold, Silver, Ees.

The projects, could be me with Follages, or expected mother Ocamonato Gold, Silver, Ees.

The projects of the Gills, Gills the me as they were got her's the Colour, to the clear Gills? This does, they applied the person of the Gills, Gills the me as they were got her's the Colour, to the clear Gills? This does, they are considered to the clear of the Gills of the Colour, and mixing among the former, when the Gills's came to be expected to the Fire, as will be benefited heart of the Gills's came to be expected to the Fire, as will be benefited heart of the Gills's came to be expected to the Fire, as will be benefited heart and the colour with Emery, without applying any wee Colour with Emery, without applying any wee Colour will and it was in this manner, that they are object to point as Gills's in the modern way, is no delign, and even of one the whole project to receive the feveral Paris, and proceed in divides in the modern way, is no delign, and even of one the whole project to receive the feveral Paris, and proceed in divides.

Subject on Paper. Then they make choice of pieces or Gillip proper to receive the feveral Parts 3 and proceed in divide or diffribute the Dedga ifelf, or the Paper it is drawn on, into Pieces faitable to thole of Gilgi: Hawing always a view that the Gilgies may join in the Contours of the Figures, and the Folds of the Draperies, that the Carnations, and other finer Parts onay not be damaged by the Load where-other finer Parts onay not be damaged by the Load where-

with the Pieces are to be join'd together.

The Diffribution made, they mark all the Glaffer, as well as Papers, with Letters, or Numbers; that they may

be known again.

This done, applying each Part of the Defign on a Glogiintended for ir, they copy, or transfer the Defign apon this
Glogi, with the Black Colon, diluted in Gunnwatery by
treat and the Glogi, and the Polin of a Pool.

When their first Stanks are well directly, which happens in
about two Days, the Werk being only in back and white,
they give it slight Wish over, with Unive. Gunn Arekly,
and a little black; and this fewered innex representaprocessing, or a power of the Colon of ng as the onades are defired to be neighbored: With this Precastion, never to apply a new Malh, till the former is faf-ficiently dried. This done, the Lights, and Rifings are given, by rubbing off the Colour in the refpective Places, such a wooden Point, or the Handle of the Fencil. As to the other Colours above mentioned, they are afted

As to the other Colours above mentioned, they are used with Gum-water, much as in Painting in Ministrae; taking care to apply them lightly, for fear of efficient greaters, and the state of the colours of the colours of the colours, by the colours of the colo

be added, that the Yellow is the only Colour that be added, that the Yellow is the only Colour that penetrates thro' the Glafi, and incorporates therewith by the Fire: The reft, and particularly the Blue, which is very difficult to nie, remaining on the Surface, or at least entring very little. When the Painting of all the Pieces is finish'd, they are

when the Palatting of all the Preces is millible, they are carried on he Furnace, to amusel, or bake the Colours. The Furnace, here us'd, is finall, built of Byick, from 18 tr 30 Inches Iquare: At fix Inches from the Bottom is an Aper-ture, to put In the Fuel, and mistatism the Fire. Over this Aperture is a Grate, made of three Iquare Bars of Iron, which traverly the Furnace and divide it incomes. Furnal which traverse the Furnace, and divide it into two Parts. Two Inches above this Partition, is another little Aperture, thro' which they take out Pieces, to examine how the Coction goes forwards.

élion gos firerards.

On the Grate is placif a fautre earbor Pon facer front Den the Carte is placif a fautre earbor Pon facer brown, but the proposition of the Parimeter of the Parimeter of the Parimeter of the Parimeter. On one Side herror is a little Appratus, thrive which to make the Triats, placed directly opposite to that of the Paramete deliberd for the form end. believe the Parimeter of the Parimeter of

Glaffes are laid horizontally on the last, or uppermost Layer of Plaister, or Lime. This first Row of Glass they cover over with a Lay of the fame Powder, an Inch deep; and over this lay another Range of Glasses: And thus alternately, till the Pan is quite fame Powder, full; taking care that the whole Heap always end with a

Layer of Piaifter.

Layer of Faither.

The Pas those prepared, they cover up the Ferrace with Tiles, or a fuguite Table of earthern Ware, cloticly, lared all rates, and another in the Middle, in forer as Chimmies.

Though thus disploid, there remains nothing hat to give the Fire to the Wave—The Fire from two first Horn, multiple that the Part of the Wave—The Fire from two first Horn, multiple that the Wave of the Horn that the Wave of the W

Chimnies. During the last Hours, they make Essays from time to time; by taking out Pieces laid for the purpose, thre' the little Aperture of the Furnace, and Pau, to see whether the Yellow be perfect, and the other Colours in good Order. When the Annealing is thought sufficient, they proceed with reat Hafte to extinguish the Fire, which otherwise would foon burn the Colours, and break the Glaffes .-

GLASSES are diffinguished with regard to their Form, Ufe, Ga into various Kinds; as, Drinking Glosses, Optic Glasses, Looking Glasses, Burn-

ing Glaffes, Sc.

Drinking GLASSES are fimple Veffels, of common Glass or Crystal, utually in form of an inverted Cone.—
Each Glass confists of three Parts, vis. the Calix, or Bowl;

the Bottom; and Foot; which are all wrought, or blown Separately.

legarately, can be more desertors, and capellican than Nothing, can be more desertors, and capellican than Nothing and all three joint together. An Idea is only to be had thereof, by focial them alcasally at sork.

The Gaiffer chiefly used in England, are made of the Alter of Ferra, cylind Gaiffer, being grown into Diffetter. The executing Britteness of this Commodity, nowithithand, inglue cerly Rate of each Gaiffer, cancels the Confimption

eof very confiderable. Offic Gr. Asses, are those made of use to strengthen, im-

prove, or preferve the Sight. See Offic Glaff. To this Class belong, Sfee Convex.
Concave.
Lens. Convex GLASSES CONCRUC GLASSES Lenticular GLASSES Menifous GLASSEA, &c. MENISCUS, &c. PLAIN Glaft. Plain GLASSES

(TELESCOPE. To find the Foci of Optic GLASSES, fee Focus, Telefcope GLASSES Objet GLASS OSTECT Glaft. fcc Eve-Glaft.
MAGNIFYING.
MULTIFLYING. Eye GLASS Magnifying GLASS Multiplying GLASS Perspective GLASS (PERSPECTIVE.

fee LOORING Glaff; fee also Mirror. Burning Glaff; fee also Mirror. Weather Glaff. Looking GLASS Rurning GLASS Weather GLASS Cupping GLASS See Sunday. GLASS Window GLASS Drop

GLASS Body GLAUCOMA, in Medicine, a Discase of the Eye, where-in the crystalline Humour is turn'd of a greenish, or Asure Colour, and its Transparency thus diminish'd. See Eye, and CRYSTALLINE.

Those in whom this Diforder is forming, difcover it bence that all Objects appear to them as thre' a Cloud or Mift-When entirely form d, the vifual Rays are all intercepted, and they fee nothing at all.

It is reckon'd locurable, when inveterate, and in aged Persons: And even under other Circumstances, is very diffi-cult of Care; Externals proving of little Service.

The Internals best fuited to it, are those used in the Gutta Serena. See GUTTA ferena Tul. Cafar Claudinus, Conful. 74. gives a Remedy for the Glaucon

The Word comes from the Greek yamune, glaucus, cogreen.

print, reaspects.

The Giancoma is usually diffinguished from the Catarast
or Suffusion, in this, that in the Catarast the Whiteness appears in the Papil, very near the Cornea, but shews deeper
in the Glaucoma.

Some late Freneb Authors, however, maintain the Cata-ract and Glaucoma to be one and the fame Difeafe,—According to them, the Cataraft is not a Film, or Pellicle form'd before the Pupil, as had always been imagin'd; but an Al-

teration of the Humor itself, whereby its transparency is prevented, which brings the Cataract to the Glaucoma. See ATARACT.

GLEAM, is popularly ofed for a Ray, or Beam of Light. See Ray.

Among Falconers, a Hawk is faid to gleam, when she calls or throws up Filth from her Gorge.

GLEANING, or GLANING, the Act of gathering, or picking up the Ears of Com, left behind after the Field has been reap'd, and the Cop carried home.

By the Cuftoms of Some Countries, particularly those of Melin, and Fifampes, all Farmers, and others, are forbid either by themseives, or Servants to put any Cattle into the Fields, or prevent the gleaning in any manner whatever, for

Field, or prevent the gluming in my master whenever, for the fasce of a 1 Mona, after the carrying off of the Corn, on I Canly of Confliction, 150.

OLL Bill, G. Cane, in h. Nearming (may be Meria), of Mineral Coll. Bill, G. Care, in h. Nearming (may be Meria), of Mineral Sec. Cane, i.e. also Mancratarry, Mayan, 50.

The Gibber are certical or the Forger to be suffly, particularly, for all of the Mancratarry, Mayan, 50.

The Gibber are certical or the Forger to be suffly, particularly, for the College of the March 150.

Sec Chart, I form, 150.

Sec Chart, 150.

Sec Chart

Manor, Inheritance, or the like.

Thus, Lindwode, Gleba eft terra in qua confiftit dos Eeelefie; generaliser tamen fumitur pro folo, vel pro terra

Thus, in the Civil Law, Slaves were faid to be affected to the Glebe, i. c. went with it, were fold with it, &c. The

Right of Patronago should be annex'd to a Glebe. See Pa-GLEET, in Medicine, a Flux of thin Humor from the

Urethra. See Flux, URETHRA, &c.
This, or a Genorrhea Simplex, often fucceed the Cure of a Genorrhea Virulenta, and fometimes remain oblitinate, a Gonorrhea Virulenta. even after the Use of a Salivation. See Gonorauma.

even after the Ute of a Salivation. See GONORRIERA.

The Gleet may happen either from too great Relaxation of the Glands in the Urethra, or from a Corrofton or Exalivation of them. It appears most frequently after a Gonorrham has been of long flanding, or ill measured in the Cornor as the bett If of the Cornor as the bett If of the Cornor as the bett If of the Cornor as the best If of the Cornor as the Co

Cure; as by the Use of acrid or corroding lojections, and The Glands may here also happen to be ulcerated by the Matter of the Running, which is often sharp enough for

that purpole et is distinguish'd from a Gonorrhea simplex, nor only by the Colour, and Confiltence of the Matter evacuated, but allo by the manner wherein it comes away: The Matbut allo by the manner whereas it comes away! In a busineer of a Glest comes away as well at one time as as another, but that of a Generyhea fimpley chiefly in Erections, and when the Facient goes to thou. The Matter of a Glest is commonly brownish, but that of a Generyhea fimpley white. And the Continuance of a run Glest is unattended with Weakness, or other ill Confequences, and dangerous Symptonians. toms; nor does it unfit Men for Procreation, as Gonorrhea fimplex will.

An aftringent Regimen is the most proper in both; Coffee and Claret are supposed proper Liquers in these Cales: So are those made said with Juice of Lemmons, Vinegar, &c. are those made acts with june of Lemmons, vanegary en-GLENE, GLENA, GLENOIDES, in Anatomy, a Name given to those Cavities in Bones, which are of a middle kind, that is, neither of the deepest, nor shallowest, but in mean between the two. See Bone.

Thus, the Cavity of the Omoplate, wherein the Hume-s is received, is a Glene, or Glenoides. See Omoplate. GLENGIDES, OF GLENE, according to Blanchard, &cc. is peculiarly attributed to two Cavities in the lower Part of the first Vertebra of the Neck.

The Word is Greek, composed of 2xins, Eyelid; and 339.

GLICYRRHIZZA, or GLYCYRRHIZA, call'd alfo Ra-dix dulcis, Liqueritia, and Liquerice, a fweet-tafted Root, of confiderable Ufe in Medicine, against Coughs, and other Diforders of the Breaft and Lungs.

Diodedren of the Breath and Lange.

The Simbs which bears a, is canisated in divern Perus of
England, particularly about "Penerfraid" in Terliferes; in
Gene Province of Frace, Quint, Greamage, and Millerys, and
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way in the Ground, and emerging into Air from Place to Place, produces for many new Stems, or Plants, few of which rife above five Foot high. Its Leaves are thick, green, flining, half-round, and glutious: Its Flower red, like the Hyacinth, and its Seed contain'd in roundith Pods.

In the Culture, care must be taken to have a warm, light, rich Soil, or to amend it with Manure: They plant it in Trenches, three Spits deep, in February and Marchy, duality in Rows, at a Foot dilance from each other. The Parts Trennes, raree opics deep, in regression and notes; unany in Rows, at a Fort dilitance from each other. The Parts choic for this purpoie, are Sets from the Top of the Plant, or the very Top of the Root; or elfe the Runners that spread from the Master-root—In moift Weather, the Branches

fyread from the Malter-root—in multi weather, me Dannace may alid be flip'd and planted.

They are taken about November, or December, after they have flood three Summers in the Ground; for then the Liquerice weighs med, and will keep with leaft Lefs: Not that the late of the late o but that there is a continual Diminution in this respect from

general verificht ment, the war acty was a compared to the refrect from the first lakelig. I continued Domantonion in the refrect from the first lakelig. Its New, gene Lippure from the middle Finger, raidly without the Thickneth of the middle Finger, raidly without the Thickneth of the middle Finger, raidly without properties and the second of the se

of the Breaft, but it is an Ingredient in

of the Breatt, out it is an ingreatent in.—
GLOBE, in Geometry, a round or fipherical Body; more
uliably called a Sphere. See Sphere.—
The Barth, and Water, together, are supposed to form a
Globe, hence call'd the Terraqueous Globe, See Terra-QUEOUS.

QUESUS.

The Planets, both Primary, and Secundary, are supposed, as well as our Earth, to be fold Globes. See PLANET.

The Earth, is, in a peculiar Sense call'd the Globs, or Globe of the Earth. See BARTH.

GLOBE is particularly used for an artificial Sphere of Me-tal, Plaisiter, Paper, or other Matter; on whole convex Sur-face is drawn a Map, or Representation, either of the Earth, or Heavens, with the several Circles conceived thereon. See

Mar. In this Senfe, Gibbes are of two kinds, Terrefirial, and Crieffiels, each of very confiderable Ufe: The one, in Afroneomy, and the other in Geography; to perform many of the Operations thereof, in an easy, lenfible manner, to as to be conserved without any Knowlege of the mathematical

Grounds of those Arts, The fundamental Parts, common to both Globes, are an

Axis, representing that of the World; and a spherical Shell, or Cover, which makes the Body of the Globe, on whose external Surface the Reprefeneation is made. See Axis, POLE, &c.

Glober, we have observed, are made of divers Materials, wis. Silver, Brafs, Paper, Plaister, &c. Those commonly used, are of Plaister, and Paper: The Construction whereof is as follows:

Construction of GLOBES.

A wooden Axis is provided, fomewhat left than the in-tended Dismeter of the Gibbs, and ittoo the Extremes here-of two flow Wine are driven, for Polas: Thi Axis is to be of two flow Wine are driven, for Polas: Thi Axis is to be On the Axis are applied two filterical, or rather hemif-pherical Capp, kern do as hind of wooden Mond, or Bock.— Their Caps confile of Full-board, or Paper, Isid, one Lay af-ter another, on the Mond, or the Thicken's of a Conven piece, after which, having Bods of dry, and inthedy; an always filter of the Mondel Rich, the two Gorp than pured, are first off the Mondel.

Incifion along the Autoric, the two Caps thus parted, are flipl off the Mould.

They remain now to be applied on the Poles of the Axis, as before they were on these of the Mould: And to fix them in their new Place, the two Edges are fown tegether with

Packthread, &c.

The Rudiments of the Globe thus laid, they proceed to firengthen, and make it fmouth and regular—In order to this, the two Poles are halp'd in a metalline Semicircle, of the Size intended; and a kind of Platter, made of Whiting. the Size Interlector, and a size of Platter, made of Whiting, Water, and Glue beared, melted, and incorporated together, is daub'd all over the Paper-Surface. In proportion as the Platifier is applied, the Ball is rurel' round in the Semicircie, the Edge whereof, pares off whatever is Inperfusor, and beyond the due Dimension; leaving the reft adhering in Places that are short of it.

Places that are more or it.

After fuch Application of Plaister, the Ball stands to dry;
which done, it is par again in the Semicircle, and fresh Matter applied: Thus they continue alternately to apply the

Omnedition, and dry it, till fisch time as the Ball every where accuracy touches the Semirarie, is which State at The Ball the smalled, it makes to pulle day the Appendix The Ball the smalled, it remains a pulle da Man, or Deferipson thereons in order to this, that Map is projected in feveral Gener, or Gutlest; at in which join accurately not direct the Application of the General Gener, or Gutlest, at which join accurately not direct the Application of the General Lines are during the General Gene

of the Gores

or the Gores.

The Papers thus paffed on, there remains nothing but to colour and illeminate the Globe; and to varnish it, the bester to refift Dust, Moidiner, \$5c.

The Globe itelft, thus finished, they hang it in a Braß Meridian, with an Hour Circle, and Quadrant of Alcitude; and thus fir it is no a smooth. Most

thus fit it into a wooden Horizon.

Description of the GLOBES.

The Things common to both Glober, are either delineated

The Thing common to the Glater, are clinic cellinearied on the Surface; a radiced as Approaching, without it. In other Surface; a radiced as Approaching, without it. In Glate is stand, representing that of the World—See Fact.—
"The Brazes Mariella, within it should also Degrees, which is the World—See Fact.—
"The Brazes Mariella, within it should also Degrees, which is the World—See Fact.—
However, whole Uplean, the Witten and America, which is the Mariella of Mariella Pole, which carries an Index pointing to the Hour-A Ma-riner's Compaß is sometimes added on the Bortom of the Frame; and fometimes, a Semicircle of Polition. See Com-PASS, and Position.

On the Surface are delineated, ro The Equinoctial Line. On the Surface are delineated, "The Equinatian Line," which can be obligated, commencing from the Vernal Interfection. See Equipment 12. The Ecliptic, divided into ranking, and thefe laddwided into Degrees. See Ecurric—3. The Zadina. See Equipment 2. The work from the See Febres. See Thorics, and See The Palar Circles. See Febres. See Thorics, and See The Palar Circles.

EAR Greek
What eils belongs to Gibber, eithet as to Confirudion, or
Deferption, is different, as the Gibbs is either Caciliat, or
Cacilitation, as the Cibbs is citter Caciliat, or
Cacilitation Conso.
Cacilitation Conso.
Surface the first Stars are laid down, as proportionable
Diffaceco, mogether with the principal Circles of the Sphere.
See Stars, Constructive, Cancer, See.
The Use of the Gibbs, is cachibit the Phenomeno of
The Use of the Gibbs, is cachibit the Phenomeno of

The Ule of their Giebes, is to exhibit the Fraemonican of the Morions of the Sun, and Stars, in an early, and obvious manner; which, the' fomewhat uniccurate, is yet exact enough for the common Ufes of Life, and may fave the Trouble of Trigonometrical Calculation.—See Astronomer.

To exhibit the Stars, Circles, &c. on the Surface of a given Sphere; or Ball, and fit it for the UJes of Aftro-

1º Affume any two Points diametrically opposite to each charge as F, and Q₁ (Tab., Africancy, Fig. 1s). And in on. The from set F and Q₁ of A and Q₂ (Tab., Africancy, Fig. 1s). And in on. The from F and Q₁ or A and Q₂ oil Cachillit the Poles of the World. s° Divide a Brazec Circle A B C D not four Quadrants, A F, E, G, C F, and F D 1, and fail-which each Quadrant into yo Degree, number d'from the California Cachillit and Cachillit and California Cachillit and Points E, and F towards the Poles A, and C. 3" Clofe the Globe in this Circle, as in a Meridian, at the Points A, and C, lo as it may freely turn therein.

4" Apply a Style, or Pin to the Surface of the Globe in the fifth Degree of the Meridian, and turn the Ball round; by this means will a Circle be deficibled on the Surface, remedication at Memorars to be divided by the Theory of the Company of the Company

by this means will a Circle be deferibled on the Syrface, re-perfecting the Agentate, to be divided into Degrees, a farm for Pole of the World I, rougards Ni, and from the Farm for Pole of the World I, rougards Ni, and from the Man and N will be the Poles of the Body nee. The Polas 6° Apply a Style to the Meridian, in the Point M, and will be the Poles of the Body nee. The Point M, and care the desire board by this Recussion will the Artille Polas Carels be desirbed; And after the fame manner is the Amer-can the College of the Polas of the Polas of the "N amber 2: the Dee, from the Æquastot towards the

arctic Polar to be deferibed about the Point O.

7º Namber 13½ Deg. from the Æquator towards the Polar S, and Q,3 and note the Polars H, and L. Then, applying a Style to the Meriddin, as before, two Circles will be deferibed parallel to the Equator; whereof that drawn thro' H, will be the Tropic of Cancer, and the other thro! I, the Tropic of Capricton.

8º Hand

8º Hang the Gible within the Maridian, in the Potes of E. Fig. 59, see the Poles of the Ecliptic, and Feb the Ecliptic the Ecliptic, as before in the Poles of the World and applying a Syle to E. turn it remail. By his means with the Ecliptic see the Ecliptic se

World, or the Aquator.

10° All the Stars of a Confiellation thus laid down; the Figure of the Conficliation is to be defign'd; after which it

may either be colour'd, or engraver Place the Globe with the Meridian, in a wooden Frame

11° Piace the Gibbe with the Meridian, in a wooden Frame or Horizon D B L, Imported on four Feet, is fisch manner, as to be divided thereby into two Hemilpheres; and that be Pole A may be raisf or depress' at picefare.

12° On the Limb, or Edge of the Horizon deferibe a Circle, which divide into 350 Degrees, and infect the Ca-

Luce, which divide into 360 Degree, and infert the Cal-lender, and Winner.

13° Lafly, to the Pole A, fit a Brazen Semicircle, it vided into a horsy Part, and number'd roise twelve, it is that the Lines or Divisions of XII, may be in the Plane of the Meridian, on either Side the Pole. And on the Pole if-fell graphy as Index, to turn roand with the Globe.—Thus is the Globe complete.

the Glebe complex.

It may be here observ'd, that as the Longitude of the
Stars is continually growing, a Glebe does not remain of perperual Ufe: But the Increase in 72 Years only amounting to
a Degree, it will make no confiderable Error in an hundred Years; the Design of a Globe being only to represent things fomething near the Truth.

To make a Celestial Grozz the usual way.

This Method is that the most frequently used; and we

This Method is that the most irrequently used; and we only premised the former as being the most ensity conceived, and leading more naturally to this.—

1° From the given Diameter of the Globe, find a Right Line A B, Fig. 59. equal to the Circumference of a great Circle; and civide it into twelve equal Parts.

2° Thro' the leveral Points of Division, 1, 2, 5, 4, &6.

with the laterval of 10 of them, defirthe Arches mutually, interfecting each other in D and E.—Thefe Figures, or Pieces daily patted or join'd together, will make the whole Surface of the Globe.

of the Gibbs.

5° Divide such Part of the Right Line A B, into 30 equal Parts, fo that the whole Line A B, representing the Perhery of the Equator, may be divided into 360 Degrees.

A° From the Poles D, and E, with the Interval of a Sp. Degrees. Are the will be twelfth Parts of the Deg. declarb Arches a b's these will be twelfth Parts of the

Polar Circles. 5° After the like manner, from the fame Poles D, and E, Fig. 59, 50, with the Interval of 56\$ Deg. recken'd from the Æquator, deferibe Arches c &; thefe will be twelfth Parts of

toe I roputat.

of Thro' the Degree of the Equator e correlponding to the right Afcention of any given Star, and the Polse D and E. draw an Arch of a Chiefe; and at king in the Compelior the Compelior of the Co Tropicks.

Flace of the car.

y All the Stars of a Conftellation thus laid down, the Figure of the Conftellation is to be drawn according to Resert. Howlits, or Flamfleed.

8° Latily, after the fame manner, are the Declination and Right Aftenfloss of each Degree of the Ecliptic & g.

determined

determined.

yo The Sarface of the Globe thus projected on a Plane, is to be engraven on Copper, to fave the Trombic of doing this over again for each Globe.

yo A Ball, in the mean time, is to be prepared of Paper, Plater, So. after the manner above directed, and of the intended Diameter of the Globe. On this, by means of a inmedded Diameters of the Gibbe. On this, by means of a Semicinica, and Steple, in the Alguante to be drawn; and there's Semicinica, and Steple, in the Alguante to be drawn; and there's consideration of the Alguante the Steplement before, pro-cided; they are to be cut out from the printed Paper, and pitted on the Ball. The Alguante of the Steplement of the Steplement before, pro-ied and the Steplement of the Steplement before, pro-ied and the Steplement of the may be added a Quadram of Altitude H1, Fig. 61, made of braft, and divided in the time namener, as the Ecliptic

and Equator.

If the Declinations, and Right Akonsions of the Stars be
not given; but their Longitudes, and Latitudes, in licu
thereof; the Surface of the Gibbs is to be projected after
the Jame manner at before; except that in this cate D, and

The Use of this Instrument is very extensive: Scarce any thing in the spherical Astronomy but may be exhibited thereby. See Astronomy.

The principal Points are contain'd in the following Problems, with their Solutions; which will let the Reader enough into the Nature and Reafon of this noble infirument to apply it, of his own Accord, in any other Cafes .-

Problem I. To find the Right Ascension, and Declina-tion of a Star, represented on the Surface of the Globe.

Bring the Star to the graduated Side of the Brazen Meridian Then, the Number of Degrees intercepted between the Æquator, and the Point of the Meridian cut by the Star, gives its 'Deslination', and the Degree of the Æquater, which comes under the Meridian together with the Star, is

its Right Afcention. See Ascension, and Decemarion. To find the Longitude and Latitude of a Star.

Apply the Centre of the Quadrant of Altitude over the Pole of the Ecliptic in the fame Hemiliphere with the Stars and bring its graduated Edge to the Star: The Degree on the Quadrant can by the Star is in Latitude, reckon'd from the Ecliptic; and the Degree of the Ecliptic et by the Quadrant, int Longitude. See Longitude, and Latitude,

III. To find the Sun's Place in the Ecliptic.

Seek the Day of the Month in the proper Calendar on the Horison; and against the Day in the Circle of Signs is the Sign and Degree the Sun is in for that Day. This done, find the farme Sign apon the Ecliptic, on the Surface of the Gibbe: This is the Sun's Place for that Day.—See Place E.

IV. To find the Declination of the Sun.

The Sun's Place for the Day given being brought to the Meridian; the Degrees of the Meridian intercepted be-tween the Equinoctial and that Place, is the Sun's Declination for that Day, at Noon.

V. To find the Place of a Planet, with its Right Af-cention and Declination; its Longitude, and Latitude, for the Time being given.

Apply the Centre of the Quadrant of Altitudes on the Pole of the Eeliptic (the Pole, we mean, of the fame Denomination with the Latitude); and bring it to the given Longitude, in the Eeliptic *This Point is the Planet's Place*. And bringing it to the Northiam, its Right Afterglow, and Declination will be found as already flown of a Star.

VI. To recitify the Globe, or adjust it to the Place, &c. so as it may represent the present State, or Situation of the Heavens.

s" If the Place be in North Latitude, raife the North Pole above the Heriton, if in South, the South Note; till the Arch interception between the Pole and Heriton be e-the Arch interception between the Pole and Heriton be e-dram of Altinude on the Zenthi, i.e. on the Latitude of the Place. s' by measure of a Compulsor Mordian Linciples the Gibble in facth manner as that the Brazan Meridian may be in the Plane of the Meridian. A "firing the Degree of the Ediciptic the Sun is in, to the Stevillan, and for the be-ther than the Computer of the Computer of the Stevillan in the North Harvans for the Norm of that Day, "I'van the Gibble the Harvans for the Norm of that Day, "I'van the Gibble the Heavens for the Noon of that Day. 5° Turn the Globe till the Index come to any other given Hour: Thus will the Globe show the Face of the Heaven for that time. See RECTIFYING.

VII. To know all the Stars and Planets by means of the

1° Adjust the Globe to the State of the Heavens, for that Time. 2° Look on the Globe for fome one Srat, which you know; e.gr. the middlemost Star in the Tail of the Great Bear. 5° Observe the Passions of the other more conficiency Stars in the fame Constitution; and by teasi-

ferring the Eye from the Globe to the Heavens, you will

you proceed from this to the neighbouring Centfellations; it you have learn them still. See Sra, See, after the manner above defribed, by comparing them with the neighbouring Stars, you will likewife know the Planets. See

PLANET. VIII. To find the Sun's oblique Afcenfion, his Eaftern Amblitude, and Assmuth, with the Time of Rifling.—

a" Roddy in Cibb for the Town of XII, and bring the Such Theo to the Intern Side of the Rotainst. Those, less Such Theo to the Intern Side of the Rotainst. Those, less Rodds of Degrees intercepted between that Degree of the Adjusted two come to the Hericina, and the Egglining of the Hericina intercepted between the Ent Point thereof, and the Hericina intercepted between the Ent Point thereof, and the Point wherein the Sin is, in the Oricin, or Print, and printed. 2" The Hour pointed to by the Index, Interna-tional Computer of the Point Point of the Point Index points on the prefield Hours is by the Quadrant in the Sint Place, the Degree car by the Quadrant, in the Hericon, is the ban's Zeimann, See Anaisers, Ontarque, See.

1X. To find the Sun's Oblique Defeension, Western Amplitude, and Azemuth, with the Time of Setting.

The Solution of this Problem is the fame as that of the former; excepting that the Sun's Place must be here brought to the Wettern Side of the Horizon; as, in the former, it was to the Eastern. See DESCENSION.

X. To find the Length of Day and Night.

1º Find the Time of the Sun's rifing; which being number'd from Midnight, the Double thereof gives the Length of the Night. 2º Subtrack the Length of the Night from the whole Day, or 24 Hours; the Remainder is the Length of the Day. See Day, and Nieur.

To find the Rifting, Setting, and Culminating of a Star, its Continuance above the Horizon, for any Place and Day; together with its oblique Aftenfion, and De-fectifion; and its Eaftern and Wiftern Amplitude and Asimuth.

1° Adjal the Globe to the State of the Heaven, at 11 a.C. lock, that Day, 2° Iming the State on the Eatlern Side of the Control of the Contro

XII. To find the Altitude of the Sun, or a Star, for any give in Hour of the Day or Night.

1° Adj uft the Globe to the Pofition of the Heavens and turn it rill the Index point at the given Hour. a° Fix on the Quadratur of Altitude, a 90 Degrees from the Horizon, and bring it to the Sam's or Sar's Place. The Degrees of the Quadrat intercepted between the Horizon, and the San or Star is Place.

XIII. The Attitude of the Sun by Day, or of a Star by Night being given, to find the Time of that Day, or

1° Reckify the Globs as in the preceeding Problem. 2° Turn the Globs, and Quadrant till fach Time as the Stat, or Degree of the Ecliptic the Sun is in 4 cut the Quadrant in the given Degree of Mittudes, then does the Index point at the Hour fought. See Time, Hour, &c.

XIV. The Azimuth of the Sun, or a Star, given; to find the Time of Day, or Night.

Rectify the Globe; and bring the Quadrant to the given Azimuth in the Horizon: Turn the Globe, till the Star come to the same: Then will the Index shew the Tim

To find the Interval of Time between the Rifings of two Stars; or their Culminations.

1º Raife the Pole of the Globe fo many Degrees above the Horizon, as is the Elevation of the Pole of the Place.

eafily note the fame, there. 4° After the fame manner may you proceed from this to the neighbouring Contlellations; Time the ladex points to 3° The fame for by the other lift on have learnt them all. See Sram. the Remainder is the Interval between the Rifings. After the like manner is the Interval between two Colmi-

nations found; by bringing both Stars to the Meridian,

XVI. To find the Beginning and Ending of the Crepuf-culum, or Twi-light.

1º Rochify the Globe; and fet the Index to the XIIIth Hour; the Sun's Place being in the Meridian. 2º Take the Sun's Place, and turn the Globe Wethward, as allo the Quadrant of Altitude, till the Point opposite to the Sun's Place cut the Quadrant of Altitude in the 18th Degree above the Horizon. The Index will show the Time when the Twi-light commences in the Moming. 3° Taking the Point opthe Horizon. The Index will these the Time when the Twi-light-contences in the Menning, "Falting the Foint ep-pedies to the San ja bring it to the Eastern Hemisphere, and it is the Bernell Horizon and the Horizon." The Mennish was 1870 Degree: Then will the Index the time when Twi-tight ends. See Garreneruva. Twirtferld Gross, is an artificial Sphere, on whole Sur-face are delineated the principal Places of the Earth, in their prepor Sensions, full interced, to engelow with the Con-tention of the Parth of the Parth of the Parth of the their prepor Sensions, full interced, to engelow with the Con-

cles imagin'd on the Surface of the terrestrial Sphere. See EARTH

EARTH.

The Ufe of the Terrestrial Globe, is to exhibit the fe-veral Assections, and Phenomena of the different Places of the Earth, depending on Magnitude, &c. in an easy, ob-vious manner, without the Tomble of Trigonometrical Calculation. See GROGRAPHY.

To construct a Terrestrial GLOBE-

The Confirmation of a Terrestrial Globe, whether of Me-i, or Plaister, Paper, &c. is the same as that of a Cele-al. The same Greeks are delineated on both. And as for the Places, viz. Cities, Towns, &c. they are laid down from the Longitudes, and Latitudes given; as the Stars are from their right Ascensions and Declinations.

their right Ascenfions and Declinations.

Hence, all Problems depending on the Circles, may be equally wrought on either Globe; as the Ascenfions, Defections, Amplitudes, Asimpaths, Rifings, Settings, Alitudes, grf., of the Sun; the Lengths of Day and Night; Hours of the Day and Night; Creputcha, ed.

We finall here, therefore, only give what is peculiar to

the Terrestrial Globe.

Ule of the Terrestrial GLOBE.

Problem. I. To find the Longitude and Latitude of any Place delineated on the Globe.

Bring the Place to the graduated Side of the Brafs Meri-dian: The Degree of the Meridian it cuts, is the Latitude required; and the Degree of the Educator at the fame time under the Meridian, is the Longitude required.

11. The Longitude and Latitude given, to find the Place on the GLOBE.

Seek; in the Æquator, the given Degree of Lengitude/ and bring it to the Meridian: Then count from the Æqua-tor on the Meridian the Degree of Latitude given towards this or that Pole, as the Latitude is either North, or South. The Point ander this is the Place required.

111. To find the Antocci, Periaci, and Antipodes of any Place.

1º The given Place being brought to the Meridian; count as many Degrees on the Meridian from the Ægastor rowards the other Fole. The Foint than arrived at; is the Place of the America. See Anyrout. 2º Note the Degrees of the Meridian over the given Place and its America; and our the Gibbs will the opposite Degree of the Equation, or and unit the Gibbs. The Company of the Comp the Meritain; or, which amounts to the fame, till the Index, which before freed at XII, come to the other XII:
Then will the Place corresponding to the former Degree, be the Periasi; and the latter, that of Antipodes. See Praces; and Antipodes.

IV. To find what Place of the Earth the Sun is Vertieal to at any Time affigued.

West, till the Index point at the given Hour: Thus again over it. 3° Taro the Gibbe round 3 the Places which pain will the Place required be found under the Point of the Me-

will the Place required be found unacer the found on the Mor-ridian before noted.—

If, at the fame time, you note all the Places which are under the fame Half of the Meridian with the Place found, you will have all the Places to which the Sun is then in the Meridian: And the opposite Half of the Meridian will flow all the Places, in which it is then Midnight. . A Place being given in the torrid Zone, to find the two Days in the Year wherein the Sun it wertical to

1° Bring the given Place to the Meridian; and note the Degree of the Meridian corresponding thereto. 2° Turn the Glabs about, and note the two Points of the Ecliptic passing thro' that Degree. 3° Find what Days the San isin shole Points of the Ecliptic: For on those Days he is vertical to the given Place.

VI. To find these Places in the Torrid Zone to which the Sun is Vertical on a given Day.—

Bring the San's Place in the Ecliptic to the Meridian: Then turning the Globe round, note all the Places which pais thro' that Point of the Meridian. Those are the Places re-After the same manner are found what People are Afcii,

for any given Day. See Ase 11.

VII. A Place being given in the Frigid Zone, to find on what Days of the Year the Sun does not rife; and on what Days he does not fet to the fame.

1° Count as many Degrees in the Meridian from the Æquator towards the Pole, as is the Diffance of the given Place from the Pole. 2° Torning the Gibér round, note all the Points of the Ecliptic Parling that one of the Ecliptic Poly this means you will have the Arches which the Sound dekribes while he meither rifes, nor fets? and the Points themselves give the Places of the Sun, when he neither rises nor sets, at the Beginning and Ending.

3° Find what Days of the Year the Sun is in those Places: These are the Answer to the Question.

VIII. To find the Latitude of the Places wherein any given Day is of any given Length.

1º Bring the Sun's Place for the given Day to the Ecliptic, and for the Index to the Hour of twelve. 1º Turn the Globe, till the Index point at the Hour of rifing or letting. 4° Raife and depress the Pole till the Sun's Place appear in the Eastern or Western Side of the Horizon. Then will the Pole be duly elevated, and confequently the Latitude given.

 To find the Latitude of those Places in the Frigid Zone, where the Sun does not fet for a given Number of Days.

1º Count 6 many Degrees from the next Tropic, towards the Equinocitial Point, as there are Units in half the Number of the girth Days by tracish, no Sun in his proper Motien, goes nearly a Degree every Day. a Paring the Point of the Edipict, that found, to the Meridian I to Blatane from the Pole will be equal to the Elevation of the Pole, or Lati-tude of the Place are quirt.

. Asy Hour of the Day, or Night being given, to Been all those Places to which the Sun rifes, and sets; where it is Noon, or Midnight; and where Day, or Night.

1º Find what Place the Sun is at that time vertical to 1º Fied what Flace the Sun is at that time vertical to, as already sught. "A Let this Flace be brought to the Zenith of the weeden Horizon, i.e. elevier the Flot as the horizon that the weeden Horizon, i.e. elevier the Flot as the Latient Side of the Horizon, be those the Sun is fetting to; and on the Weltern Side, those her files to: These and the theory of the Horizon of the Horizon, but and their well-restricted of the Meridian, have its Noon; and this under the lower, Midnight. Latily, to those in the upper Horizon-fleven it is Day, and to take in the lower, the proper Horizon-fleven it is Day, and to take in the lower,

Night:—
Hence, as, in the Middle of an Eclipfe, the Moon is in the Degree of the Ecliptic opposite to the Sun's Place; by the predent Problem it may be fitteen what Places of the Eartm then fee the Middle of the Eclipfe; and what, the Beginning, or Ending .-

XI. To find what Places of the Earth a Planet, e. gr. the Moon, is vertical to, any day of the Tear.

1º Mark the Planet's Place on the Globe, as above taught, 2º Bring this Place to the Meridian; and note the Degree

XII. The Declination of a Star, or any other Phonomenon given; to find what Parts of the Earth the fame is vertical to.

Count as many Degrees in the Meridian, from the Æqua-tor towards one Pole, as are equal to the given Defini-tion; vis. towards the North, if the Declination be North-ward; and towards the South, if the Declination be South, Then, turning it round, the Places that past have the Ex-tremity of this Arch in the Meridian, are the Places re-quired.— XIII. To determine the Place of the Earth where any

Star, or other Celeftial Phenomenon will be Vertical at a given Hour.

XIV. To place the Globe in fuch manner, under any given Latitude, as that the Sun shall illumine all those Regions, which he actually illumines on Earth.

1º Reftify the Globe, i.e. Elevate the Pole according to the Latitude of the Place: Bring the Place to the Merithe Lacitude of the Flace; Bring the Place to the Meri-dian; and fet the Glube North, and South by the Compais: Thus, the Glube having the fame Situation to the Sun, as the Earth has; that Part thereof will be illumined, which is illumined on Earth.

Hence, the Globe being fituate in the fame manner, when the Moon shines, it will show what Parts are then illumined

by the Moon.

And, in the fame manner, may we find where the Sun and Moon rife and fet at any given Time,

XV. To find the Diftance of 1200. Places on the Globe,

Take the given Places in the Compaties; and apply them to the Equator. The Degrees they there fubend, being reducid into Miles, Leagues, or the like, give the Diffances required. See Degree, Miles, &c.

required. Sco Dizonata, MILE, Sc.
The fine may be dose, and more commodically, by
The fine may be dose, and more commodically and
property of the state of the state of the state of the state
over the two Pinces; and noting the Degrees innecepted,—
GLOBULAR Char's, Repreferention of the Surface, or
forme Part of the Surface, of the Terraqueous Globe, upon
a Plene; wherein the Frailele It attitude are Circles nearly
Concentric; the Merdilar's, Carves bending towards the
Teles; and the Ruhumblines allo Garres. See Charar, and

Projection.
The Merits of this Chart confift in this, that the Diffances

The Merin of this Chart could in this, that the Dillances between Places upon the fines Rhandy, are all morellied by between Places upon the fines Rhandy, are all morellied by Places in the Arch of a green Circle, is nearly represented in this Chart by a Single Lines—Places, Land Maps made according to this Projection, would indignately here greet Between Places and the Chart of the Places of the Chart of Sea Chart and the Ulies of Neightine, Was convocared, whether the Galdaiar Chart to preferable to the Rhands Sines, are all finight Lines (standards at freight Lines are found more cut'y to Draw, and masage than Chart, of the Chart of the Sea Chart of the Chart of the Chart of the Chart of the Sea Chart of the Chart of the Chart of the Chart of the Sea Chart of the Chart of the Chart of the Chart of the Sea Chart of the Sea Chart of the Sea Chart of the Sea Chart of the Sea Chart of the Sea Chart of the Sea Chart of the Sea Chart of the Ch

cipecially fuch as the Khumb-lines on the Globular Charger.
See Marearons, RINMA, See.
This Projection is not new, tho' not much taken notice of till of late. It is mentioned by Pradomy, in his Geography; as allow by Blundevil in his Everofic.

The Conference of the Conference of the State of the Conference of the Conferenc

as also by primate in this exercipe.

General Salling, for Great Circle Sallino.

General Spherite.

Spherite.

Spherite.

See Georg.

Thus the Cruor, or red Particles of the Blood are call'd fibrate for the Blood, on account of their Reducif, and

Smalnefs. See CRUOR.

The Microfcope diffeovers the Blood to confift of red, globular Parcicles, fwimming in a limpid, transparent Water,

or Serum; and thefe, when at a due Diffance, may be dif-cern'd to attract each other, and unite into larger Globules, like the Spheres of Quickfilver. See Broop. The Carrelians call the Particles broke off of the Matter of the first Element Globules of the Jecond Element. See

of the next stement Gaussias of the Journal Element. Soc. ELEMENTS, GANTSHAMS, &C. GLOBULUS Noft, its sid for the lower cartilaginous moveable Part of the Nofe. See Norr. GLORIA Parti, in the Litungy, a Formula, or Verfe, repeated at the End of each Platin, and on other Occasions, to give Giory to the Holy Trinity; call'd also Dosology. See Doxology.

It is that called, because beginning in the Latte Office with the World, Girler Parts, q. d. (fine) is a tier Faster, bec. They Elassifish is commonly held to have first ordered the Elassifish is commonly held to have first ordered the Elassifish is commonly held to have first ordered the Elassifish is commonly held to have first ordered to the Apoller. But it is sig, then, he always that the elastic three was did in the times of the Apoller. But it is sig, then, he always the elastic three declares, and that pild not become with all the elastic declares declared that the did not become the fill start of the Camello of Fajolin, held in system of the Camello of Fajolin of Fajolin, held in syste It is thus called, because beginning in the Latin Office with

GLORIA in Excellit, a kind of Hymn also rehearled in the Divine Office; beginning with the Words Gloria in Ex-cellit Deo, & in terra pax hominibus, &c. Glory be to God

celli: Bee, G in terrai par leminibus, &c. Glory be to Got on High, on Kind Peace, &c. GLOSS, or Grossa, a Commenc made on the Text of any Andro, to regishin his Raufe more fully, and at large, whether in the him Language, or atocher.

Nike, &c. Lira has compoled a Gglor of the Bible in fix. Phile and the second of the composity of the property of the Bible in fix. The Commence of the Commence o plain the Text; as that of the Tongue is to different the

Mind.
Others derive it from the Latin Gist, a Silter-in-Law,
which among the Lawyers founcimes finands for Silter , inGist) being, as it were, Silter to the TextGooss is allo find for a literal Translasion; or an interMorel. So of Author in another Language, Word for
Word. So of a Silter of the Morel of the Silter of the Morel
Young Scholist need an Interlineary Gildj for the anderfinanting of Wornsel Merces. Calab Spr.

Young Scholars need an interinceary Gog; for the inter-flanding of Pierenal, Horace, Saliel, &c. Gloss is allo used in Maiters of Commerce, Etc. for the Lafter of a Silk, Stuff, or the like. See Luseran. GLOSSARY, a kind of Dictionary, for explaining the

GLUSSAKY, a kind of Dichonary, for explaining the obfoure, suitent, and barbarous Words, and Phatface of an alter'd, corrupted, or refined Language. See Dictionary, Sc. Spehmars's Gliffary, included Latine-Barbarum, is an excellent Work; the 'that Author did not begin to fludy in this

way till 50 Years of Age.

M. du Canget Latin Gioffary in three Voluntes, and his
Greek Gioffary in two Volumes Folio, are wonderful Performances, full of uncommon Erudition.

Lindenbrok has a Glofary on the Laws of Charle-GLOSSOCOMON, a Chirurgeons Instrument, nsed in fetting broken and dislocated Thighs and Legs; as also in extending those which remain too short after setting. See

DISLOCATION, &C. DISCOGATION, Sec. It conflits of a bollow Trank, wherein the Thigh, or Leg is laid: At the Bottom hereof is a kind of Wheel; and towards the Top are two Pallies, one on each Side. Several Thongs of Leather are tied both above and below the fra-chard Place. Those below, are failen'd to the Axis of the

clur'd Place. Those below, are faiftend to the Aast or tae Wheel, which they are near: Those above, go over the Paillies to come to the Axis, which they are likewise failend to; so that the same Turning of the Wheel, both draws the Part of the Log, or Thigh, which is above the Frachure, upwards; and that below, downwards.

The Word is form'd of the Greek yases. Tongue, and

by the Antients to a little Box, wherein they kept the Reeds rheir Hauthois, Esc.

of their Hauthost, 200.
Grossocoanos, in Mechanicks, is a Name given by Gefor sor a Machine compoled of divers dented Wheels, with
Piniess, ferving to rafic huge Burthests—
GLOSSOPETRA, or GLOTYOGETRA, in Natural Hiflory, a kind of Stone, in form of a Tongue, commonly
found in the Hand of Matta, and divers other Patts. See

Naturalists are divided as to the Nature, and Origin of these Stones.—Steno, de Corpore folido intra folidam con-tento: Ol. Wormins, Differt. de Gloffopetra; and Reyfobius de Gloffopetris Luneburgenfibus, treat of them at large.

The vulger Notion is that they are the Tongous of Ser-gens perivide and hence their Norme, which is a Com-responding to the Company, and wives Norme-Hence all other methods. We Tongous, and wives Norme-Hence all other The People relates, that fines the Vaper which his Ga-Bast without oldough him will Harm all the Servensor of hard lines. The People relates, that fines the Vaper which his Ga-Bast without oldough him will Harm all the Servensor of hard lines Tongous of holds formerly and that the Golffern are the Tongous of holds formerly and that the Hard hard which the foll Feigure of a Serpenty, bedde that they have the servensor of the Gallery of the Company of the Theocomes Opinion of Naturallith has the rips or the Tongous of Fifthes, the fat a Land by the Weston of the De-laysy and fine gerwiff. See Direces used is to be the which Theologists, and the Greek Weston of the De-laysy and fine gerwiff. See Direces used is to be the which Theologists, and the Greek Weston of the De-lays of the Modern, the Robert of the Company of the See See of the Modern, the Robert of the See See See

which Toopbrafts, and the Greek which addens, the Seadog.

Camerarins cannot personal himself that the GioTopetra found in England, Matta, and a round Montpelier were ever found in England, Matta, and around Montpelier being Diff. the Tech of a Sea-dog, or any other Fish.—The chief Dif-ficulty, he fuggests, is the small Quantity of volatile Salt and Oil they afford by Distillation. To which Dr. Woodward anwers, in defence of the common System, that having laid to long burried under Ground, 'tis no wonder they should have lost the best Part of their volstile Principles." The certain that human Bones, and Skulls long interr'd don't afford near

the human Boos, and Sicial long intered duet similar near the Quantity of those Pracipies, as in the wood have door immediately after the Persion Them.

Golfgebrar, when expected to the matter River are to Acade and not a Calky contrary to what is afferred by Fabrics Go-itoman—Dr. Problement advoces, that it is River county in the Commen—Dr. Problement advoces, that it is River county in the Commen—Dr. Problement advoces, that it is River county in its arriver is that of a Campa different between County being it survives it that of a Campa different between County being CHOTTES, in Anatomy, a Celle, or Chink in the Laryes, Kerring for the Termation of the Voice. See Laxuex, March Charles it in form of a little Thoogue whence the

Name, from γλάσια, Tongue: For the fame reason the Latins call it Linguia, i. e. lirtle Tongue.

Thro' this Chink the Air descends, and ascends in respir-

ing, fpeaking, finging, &c. Ir has an Apparatus of Mulcles, whereby we control and enlarge it; and hence all the Varicry of Tones of the Voice. See Voice.

riety of Tones of the Votce. See Votce.

The Gestis is covered and defended with a thin, foft Cartilage call'd the Epiglotis. See Eriocorris.

GLOVE, Chinovines, a Habit or covering for the Hand and Wrift and both for Warmth, Decency, and to sheek from the Weather.

flichter from the Weather.

Glower, are diffinguisseld, with respect to Commerce,
into Leathern Glover, Silk Glower, Thread Glover, Cotton
Glover, worsted Glower, Sec.
There are also Glower of Velvet, Satin, Taffary, &c. Leather Glower are made of Shammy, Kid, Lamb, Doc, Elk,

ther Gloss are made or onamny, some Baff, 26. See Lalbars.
There are Perfumed Gloss; Waff'd, Glazed, Wax'd, White, Black, South colour, 26. Single, lin'd, top'd, lac'd, fring'd with Gold, Silver, Silk, Fur, 26.
The Proverty, that for a Gloss or be good, and well in a Proverty, that for a Gloss or be good, and well in a Proverty that for a Gloss or be good, and well in a Proverty, that for a Gloss or be good, and well in a Proverty that for a Gloss or be good, and well in a Proverty that for a Gloss or be good, and well in a Proverty that for a Gloss or be good.

mule, hree Kingdoms mule courtbuse to it y Spille, to dreich the Leather p-france, one cit is and Englands, to der the Leather p-france, to cit it and Englands, to der the Leather p-france p-f

flern Nations, who in all their Sales, and Deliveries of Lands,

Goods, &c. give the Purchafer their Gove by way of Livery, or Inveltiure. To this effect be quotes Rubb iv. 7, where the Chalder Purphasic calls Glove, what the cammon Vection readers by Seve. He adds, that the Rubbirs interpret by Glove, that Parlage in the CVIII. Pfalm, In Idea mean extendam calceamentum meum, Over Edom will 1 cast out my Shoe, --Accordingly, among us, he who took up the Giove, declared thereby his Acceptance of the Challenge; and as a Part of the Ceremony, continues Faryn, took the Glove off his own right Hand, and caff it upon the took the Glove oft his own right Hand, and catt to upon too forund, to be taken up by the Challegoer. This had the Force of a mutual Engagement on each fide, to meet at the Time and Place which should be appointed by the King, Parliament, or Judger—See GAOS; § C. The Same Author affers, that the Casiom which fill be-citas of Pulling Glove; in the Coronaron of the Kings of Forums, is a Remain of the Estimer Practice of giving Pai-Forums, is a Remain of the Pathern Practice of giving Pai-

France, is a Remain of the Eastern Fractice or giving re-fedition with the Glove. L. XVI. p. 2017. 15:0.

Autiently it was prohibited the Judges to wear Gloves on the Bench. And at prefent in the Equeries of most Princes, 'tis not fafe going in without pulling off the Gloves— GLUE GNO

GLUE, GLUYEN, a viscid, tenacious Matter ferving as a Coment to bind, or comect divers Things together. See CRMENT.
There are divers Kinds of Gines made use of in the di-

Character are divers Kinds of Giner made at 6 of in the divers Any; an the Comman Gine; Chorman Charles, Chorman Gine; Chorman Gine; Chorman Charles, Chorman Gine; Chorma

news, Ee. the worse: And nence colorly arises mo January of Glusty, and the Advantages of the English and Flemily Glusts: For, as our Tanners generally make the Glue themfelves, they are not foaring of the Parings of the Skings which they never fell: Whereas, in France, &c. the Gluemakers being a peculiar kind of Mannifichers, and baving no Parings, Gr. but what they buy, make nie chiefly of Sinews, Feet, &c.

Method of making Gaus.

To make Gine of Parings; they first sleep them two, or three Days in Water; then washing them well out, they boil them to the consistence of a thick Gelly. This done, they pass the Gelly, while yet hot, thre' Ofter Balkets, to separate from it any Imparities; and in order to parish it fill further, they let ir sell fome time. When the Ordares.

fill further, they led it reft fome time. When the Ordurey, or facing in Matters are precipitated to the Bottom of the Verflit; they melt and boil it is fecused time.

Whence it is taken on us, when pretty that and folial, and cut into figurar Pieces, or Caleta. Nothing now remains, but to dry it in the Wind, on a fort of cords Next, and afterwards to dring it, to find the Dryling, \$\frac{1}{2}\$ and a ferwards to dring it, to find the Dryling, \$\frac{1}{2}\$ and a ferwards to dring the order of the control of the order o

The Gilte made of Feet, Sinews, 1%, is managed after the time manner with the only Difference, that they be one, and four the Feet, and dust lay them to flee?

The feet and dust lay them to flee?

The freed Test of Goodnide is not be supported by the freed Test of Goodnide is not by a Piece to fleet, there, for feet Day is Water; if it fwell condiderably without melting, and when naken out returne its furner Daysed, it is excellent. Flife Grews, is a fore of Gire made of the nervous and machinghous brate of a large tifth, found chiefly in the Ref-

Thele Parts being boil'd, bear a near Refemblance to that vistid Matter found on the Skins of God Fifth. When boil'd to the Conflittence of a Gelly, they spread it ms a Leaf of Paper, and form it into Cakes; in which State it is feat

to us.
Fifth Glue is of confiderable use in Medicine, and divers
other Arts, where it is better known under the Names of
Iffine Gidf and Leichpoedla. See laiss of Glafs, Se.
GLUT EUS, in Anatom, from profile. Nates, a Buttock,
a Name common to three Musices, whose Office is to ex-

tend the Thigh-The first

tend the Thigh—I no nni The Gimens-Major, or theoreater, ariles femicircularly from the Os Coccygis, the Spines of the Sacrum, the Spine of the Illium, and a Hrong Ligament which runs between the Sa-crum, and Tuberele of the Helium; and defending, is in-ferred into the Lines at Pers. four Fingers Breadth below the great Trochauter.

The Giuteus Medius, or the middle one, call'd also mi-ster, or left, arises from the Spine of the llium under the former, and is inferred into the superior and external Part

of the great Trocksner.

The Glutens minimus, or leaft, arifes from the lower Part of the external Side of the Ilium, under the former, and is

of the external Side of the lium, under the former, and as inferred at the fuperior Part of the great Trochamer. GLUTINATIVE, AGGUTINATIVE, AGGUTINATIVE, AGGUTINATIVE, AGGUTINATIVE, THE AGGUTINATIVE, THE AGGUTINATIVE, THE AGGUTINATIVE, THE AGGUTINATIVE, AGGUTINATIVE,

Poetry—A Glyconian Ferfs is that confifting of two Fect, and s Syllable. See Varsas, and Foor.
This is Scaliger's Sentiment, who adds, that the Glyconian Verfs was allo call'd Empridean.
Others hold that the Glyconian Verfs confifted of three Fect; a Spondee, and two Dacklis, or rather, a Spondee, Chernambus, and a Pyrthie; which Opioion is the mell following the Chernambus, and a Pyrthie; which Opioion is the mell followed.

lowed. Sit te diva potent Cypri, is a Glyconian Verse. GLI CYRRHIZA, or GLICYRHIZZA, in Medicine, Liquorice. See GLICYRRHIZZA.

GLYPHE, or GLYPHIS, in Architecture, a general Name for any Cavity, or Canal, whether round, or terminating in an Angle; us'd as an Ornament, in any Part. The Word is Greek, pause, which literally fignifies grav-

ing.

Rassit is properly a Nitch, or indenture made in graving;
or, more properly, the Notch in the Head of an Arrow, over
which the String goes. See TRICLYPH.

GLYSTER; for CLYSTER.

GLYSTER; the CLYSTER.

GLY

which the String goes. See I RIGATES.
GANDHE, is Conversed.
GANTHER if of CATESTER.
GANDHE, a Name which the Cabalifla give to certain invisible People, whom they impose to inhabit the Inner Parts
of the Earin, and to fill it to the Centre
They are represented as very finall of Stature, tractable,
and friendly to Men; and are made the Caudinan of Minal
Quartins, indiend Treafiers, Ge.—The Empley of this Ste-

Vigenere calls them Gnomous cles are call'd Gnomides. -The Females of this Spe-

cies are call destonates.

Vignenii de Marville in his Melauge d'Hilloire & de Literature, Y. I. p. 100. gives a Relation of a Conference with
a Philosopher of this Class, who held that an Infinity of Spirits inhabited each of the four Elements, Fire, Air, Waand Earth, under the Denomination of Salamanders Sylphs, Oudins, and Gnomes; that the Gnomes are employ'd in working, or actuating the Machines of Brates upon the

He added that fome Philosophers of that Sce, held that these Spirits were of two Sexes, for the two Sexes of Beasts, or moving Machines; that they were even more or less peror moving Machines; that they were even more rieft per-fect as the Bruses were and that there was an infaint Num-ber of lapicht, and Anismalcule, both their that are viffilled, and these which are too finall to come under our Sensies; that all their Spirits in general govern their reflective. Mis-ther than the spirits in the sense of the spirits of the their spirits of the spirits of the spirits of the spirits of the Human, Temperaments, Ex- that they do not lay hold of all Machines indifferently, but of their fairted to their own Character, Him Commercia, except one, a Typer, Spirits. feires a Spanille Gennet , a cruel one, a Tyger, &c. See

GNOME, or CHRIA, is also us'd for a fhort, pithy, useful, and sententious Observation, Reflexion, or the like; worthy to be treasured up, and remembred. See SENTENCE, Aro-THEOM, &cc. Such is that of Juvenal,

Orandum oft ut fit mens fana in corpore fano.

The Writers of Rhetericks diffinguish several kinds of Guomes, according as they turn on Words, on Actions, or both; denominating them Verbal, Active, and Mix'd Guomes

GNOMON, in Geometry.—If a Parallelogram be divided into four leffer ones, by two Lines interfecting eath other; and one of these Parallelograms by retrench'd, or raken away; the other three will make a Gamon, ordinarily call'd See SQUARE

See Measurian Altitude.

Thoic convertant in Observations, profer the Gammon to the smaller Quadrants, both as more accurate, easier made, and more easily applied. See QUADRANT, and OBSER-

Accordingly, both Antients, and Moderns have made use of Geomeons, for the making of their more confiderable Ob-fervations: Ungel Beigh, King of Paribia, &c. used a Geomeon, in the Year 1247, which was 180 Roman Feet high: That excited by Ignating Denies in the Church of their things: That excited by Ignating Denies in the Church of St. Petronius at Boulogue, in the Year 1576, was 67 Feet high; M. Cassini erected another 20 Foot high, in the same Church, in the Year 1635. See Solstice.

To creft an Aftronomical Guomon, and observe the Meri-dian Altitude of the Sun by the same.

Red a persendicular Style, of a confidentible Height, on the Merlitia Line: Note the Point where the Shadow of the Merlitia Line: Note the Point where the Shadow of Line; Mealine Hollings of that Extramelinon the Genemon, i.e., the Length of the Shadow—Thus, having the Heights of the Gommon, and the Length of the Shadow the Merlitia Altirude of the Sain is early found.

and if Y the Length of the Shadow—Here, on the red; and if Y the Length of the Shadow Here, on the red; he Angle Y which is the Quantity of the Shadow does not by this Analogy. As the Length of the Shadow does not by this Analogy, As the Length of the Shadow does not be the Shadow of t

Or, more accurately, thus :

Make a Circular Perforation in a Brass Plate, to transmit enough of the Sun's Rays to exhibit his Image on the Floors Characteristics of the Property of the Property of Characteristics of the Property of Characteristics of Characteristics of the Property of Characteristics of Characteristics of the Property of the Perforation from the Floor. Observations Lett this a Line, and Thummer, waterwarm to The Caret Live Teach Contraction of the Disco-ting Contraction of the Contraction of the Disco-sormal, and let it be whitered over, so calibit the Sam more diffinely. Draw a Merdial Line hence, parting they the Foot with the Contraction of the Contraction of

Angle B.

GNOMON, in Dialling, is the Style, Pin, or Cock of a Dial; the Shadow whereof pointerh out the Hours. See STYLE, and DIAL.

The Guomon of every Dial is suppos'd to represent the Axis of the World; and therefore the two Ends or Extremi-ties thereof must directly answer to the North, and South

Poles. See Meridian.
The Word is Greek, prime; which literally imports somewhat that makes a string known; by reason the Style, or Pin

The view Letter's which iterate region temperature of the Conference of the Conferen

Word fo. Word fo.

Seme aludoru take in. Word Goffi u have a furber
Seme fauthoru take in. Word Goffi u have a furber
Menning, and that in the first Spee off Christians, it figured
Goffiel Liffy, Present oreypodis. In which South the Gofinands must have been inch as were Emmiss of the Spiristruct Liffs, who contended for the doing of godd Words in
man perfect by Meditation, a deeper Knowlegs and Insight
inno to Deltrines and Mylertics of Religion, and the lablimer, and more abstracted Exercise. See Growere.

The Word is Goretz, sowrayed, Sp. 4. as Exercise.

GNOSTICKS, antient Hereticks, famous from the first Rife of Christianity; principally in the East. See Here

The Name Gnofic, which properly fignifies learned, was adopted by those of this Scch, as if they were the only Perfors who had the true Knowlege of Christianity: Accordingly, they look'd on all the other Christians is simple, ignoran, and barbarenes Perfora, who explain'd, and interpreted the Secred Writings in too low, and literal a Significant.

cation.

At first, they were no more than the Philosophers, and
Wits of those Times, who form'd themselves a peculiar system of Thoslogy, agreeable to the Philosophy of Pythageras, and Plates to which they accomodated all their interpretations of Scriptone.
But the Word Grafise afterwards became a generical

Name, comprehending divers particular Sects, and Parties of Hereticks, who tole in the first Centuries; and who, the of Hereticks, who toe in the introductions; and who, the they differ'd among themfelves as to Circumfiances, yet all agreed in fome common Principles: Such were the Valentinians, Simonians, Carpocratians, Nicolaitans, &c. See Va-

Sometimes, the Word Guoffie is us'd as a proper Name,

whole Sine : to the Tangent of the San's Altitude above the
and peculiarly attributed to the Successors of the first Nicessions, and Cerperonistas in the Geord Century, upon
their laying side the Names of the first Autors. See Cax-

their laying adde the Isames of the first Authors. SceUAR-rocnArians, NicolArians, Sacquainted with all the Ockinson, Revertes, and Visions, may conful St. Premers, Terrustians, Clemens Messandrium, Origen, and St. Epi-phaning, particularly the first of their Writers, who related their Sentimens at large, and confutes them at the famo their Sentimens at large, and conducts them at the jame time: Indeed, he dwells more exprelly on the Faltentinians, than on any other Sort of Grafileks; but he shows the Ge-neral Principles whereon all their mistaken Opioious were founded, and the Method they followed in explaining Scripture.

He accuses them with introducing into Religion certain vain and ridiculous Genealogies, i.e. a kind of divine Pro-ceffions, or Emanations, which had no other Foundation but in their own Imaginations. See Eon, Arra, Cara-In effect, the Gnoflicks confess'd that these Emants

were no where expressly deliver'd in the facred Writings; but insisted at the same time, that Jesus Christ had intimated them in Parables, to such as could understand him.

them in Parabes, to usen as could underthang nem.
They built their Theology not only on the Golpels, and
the Epitles of St. Parall₃ but allo on the Law of Mofes,
and the Prophets. Thee latti were peculiarly ferviceable
to them, on account of the Allegeries, and Allthons they
abound withal 3 which are caspable of different Interpreta-

They for a great Value on the Beginning of the Gospel of St. John; where they functed they saw a great deal of their Emanations, under the Word, the Life, the Light, &c. They divided all Nature into three kinds of Beings; ere Hylio, or Material; Psychic, or Animal; and Pneumatic, or Spiritual

Spiritual.

On the like Principle they also diffinguished three Sorts of Men; Material, Jaimal, and Spiritual: The fifth, who were Material, and incapable of Knowlege, inverlably perish the melleves pretended to be, were all certainly idea! The Psychic, or Animal, who were the middle between the other. wo, were capable either of being faved, or damn'd, accord-

The Ward Groffie is form'd of the Latin Groffiens, and that of the Greek yearstis knowing, learned, wirty, en-

The Name Gnofile fometimes occurs in a good Senfe, in The Naine Gnollie tomerimes occurs in a good sente, in a nation Ecclefishical Witters, and particularly Clemens Alexandrium, who, in the Ferfon of his Gnollie, deferible the Characters and Qualities of a perfect Chrillian. This Point he labours in the (eventh Book of his Krymntzs, where he fives that none but the Gnollie, or learned Ferfon has any true Religion. He affirms, that were it possible for the characters are the contract of the cont any true Religion. He affirms, that were it possible for the Knowlege of God to be feparated from eternal Salvation; the Goodlie would make not Scruple to chuse the Knowlege; And that if God flouid promise him lumunity in deing of any thing he has once spoke against, or offer him Heaven on those Terms, he would never alter a Whit of his Mea-on those Terms, he would never alter a Whit of his Mea-

on theid. Terms, he would never ther a: Whit of his Man-ferres. See Gentral Active. etc. Copyline, in specificion in the Hercicks of the fame Nume; a stirming that the true Genglicia grows old in the Guady of the Holy Sciences, and that he preferres the Orthodor Declarice of the Appa-illation of the Copyline of the Copyline of the Appa-lant of the Copyline of the Copyline of the Appa-lant of the Copyline of the Copyline of the Appa-lant he Appalled Truthorion, as imaging himself wise than the Appalled Truthorion, as imaging himself wise than the Appalled Truthorion, as imaging himself wise than the Appalled Truthorion, and the Copyline of the theory of the Copyline of the Copyline of the Copyline of Holyan Copyline of the Terms who been In much, as in the difficult clare of the Terms who been In much, as in the Copyline of the Co

c. See Quierism, &c.
GO, is forectimes uted in Law, in a special Signification:

Thus, to go evithout Day; and, to go to God, is as much as to be difinife'd the Court; to be acquitted.

GOAD, STIMULUS, a Stick arm'd at one End with a

pointed Iron, to prick, and urge on a Horfe, Ox, or the

In speaking of Horses, we more commonly use the French Name Valet; reserving Goad for Oxen.— GOAL, a Prison, or Place of legal Confinement. Seo The Word is form'd of the French Geole; and that of the

Barbarous Latin Geola, Gaola, Gayola, a Cage: Whence the Picards fill call a Bitd-cage, Gayotte.

The Goaler, Geolier, was call'd Gentarius, and Cajula-rius. Scaliger derives the Word Goaler from Janicularius. Some Latin Authors call him Commentariensts, by reason he keeps a Regifter, or Lift of all those under his Cuttody.

GOBLET, or GOELLY, a kind of Drinking-up, or Bowl, ordinarily of a round Figure, and without either Foot, or Handle

Goblets, made of the Wood Tamarin, are rank'd among Gebleti, made of the Wood Timmrin, are rank'd among the Medicinal Drups; in regard the Liquons infu'ed a while therein, are improded to acquire a Quality which renders them good in Difaction of the Spleen.

The Word is French, Gebeles, which Satimafies, and others derive from the Batbarous Latin, Cupa: Buddess de-

rives it from the Greek surialist. Tives it from the Greek with the GOBELINS, a celebrated Manufactory, effablish'd at Paris, in the Fauxbourg St. Mareel, or St. Mareeau; for the making of Tapistry, and other Furniture, for the use of the Grown. See Taylstry.

The House where this Manufacture is carried on built by two Brothers, Giles, and John Gobelins, both ex-cellent Dyers, and the first who brought to Paris the Secret of dying that beautiful Scarlet Colour fill known by their Name; as well as the little River Bisers, on whole Banks they fix'd their Dyc-houle; and which is now known by no er Name than that of the River of the Gobelins

other Name than that of the Kver of the Osbillities still.
It was in the Zear 1659, that this Blace, ill these Bladd
It was in the Zear 1659, that this Blace, this case of the Control of Workmen in the divers Arts and Manufactures throughout the Kingdom sparticularly Painters, Tapiftry-makers, Sculptors, Goldfmiths. Bheniffs, &c. and by splended Offers, Penfons, Privileges, &c. call'd others from foreign Nations.

And to render the intended Effabliftment more firm and

lafting, brought the King to purchafe the Gobelius, for them to work in; and drew up a System of Laws, or Policy, in

XVII Articles.

XVII Arvicke.

Ny thelé ti is voorzied that the new Manufschory fhall behaufter the Adminilhencion of the Superimental behaufter the Adminilhencion of the Superimental behaufter the Adminilhencion of the Superimental behaufter the Superimental Superimental Administration of the Certain in the fall Manufschory, their beverating, and Dependanter. That no other Trajities Trajities and Dependanter. That no other Trajities Trajities and Superimental Superimenta

dible. In effect, the prefent flourishing Condition of the Arts, and Manufactories of France is in a great measure ow-

ing thereto. ing thereto.

Tapiftry Work, in particular, is their Glory. During the Superintendance of M. Colbert, and his Succeifor M. de Leucit, the making of Tapiftry is faild to have been practical to a Degree of Perfection, fearer inferior to what was antiently done by the English, and Flemish.

The Battles of Alexander; the Four Scalons; the Four The Battles of Mexamiler; the Four Scatons; the Four Elements; the King's Palaces, and a Series of the principal Actions of the Life of Louis XIV. from the time of his Marriage to the first Conquell of Franche Contre, done from the Defigue of M. le Brun, Director of the Manefactory of the Geledins, are Master-pieces in their kind.

GOBONE, GORONATEN, in Heraldry, the Same as Com-

GOD.—No just Definition can be given of the Thing ignified by this Name, as being infinite, and incomprehen-

Sec DEFINITION fible. See Definition.
In Scripture, he is defined by, I am that I am: Alpha
and Omega; the Reginning and End of all Things.
Among Philolophers, he is defined a Being of infinite Perfection; or in whom there is no Defect of any thing which

we conceive might raife, improve, or exalt his Nature. See PERFECTION.

Among Men, he is chiefly confider'd as the first Cause, the first Being, who has excisted from the Beginning, has created the World, and who subfists necessarily, or of him-See CAUSE, &c.

leit. See Causs, cor.

Sit Iffane Newtwo chifus to confider, and define G&D not as is ufiasily done, from his Perfection, his Nature, Exiftence, or the like; a but from his Dominion. 'The Word G&A', according to him, '1 a relative Term, and has a Regard to Ser.' vants: 'Tis true, it denotes a Being termal, infinite, and ab
"datable needly, that a Being hosperer germal infinite and vants: 'la struc, ri denotes a Being eternal, infinite, and ab-foliately perfect, but a Being, however eternal, infinite, and ab-loutely perfect, without Dominion, would not be God. 'The Word God frequently fignifies Lord', but every Lord la not God: The Dominion of a fairitual Being or Lord, conflitues God; true Dominion, true God; the fu-preme, the Supreme; frigin'd, the feign'd. 'From fight here Dominion it follows that he true God is

From fach true Dominion it follows that the true crow is living, intelligent, and powerful; and from his other Per-fections, that he is fupreme, or fupremely perfect: He is eternal, and infinite, compionents, and omnificent; that is, he cadures from Exemity to Eternity, and is prefent

from Infinity, to Infinity.

He governs all Things that exist, and knows all Things

at are to be known : He is not Eternity, or Infinity, bu eternal and infinite : He is not Duration, or Space, but he endures, and is prefent: He endures always, and is prefent every where; and by exifting always and every where, conflitutes the very Things Duration and Space, Eterniy and Infinity. See ETERNITY, DURATION, STACE, ex-

Lord of all Things can never be nunquam nufquam. See

' He is omniprefent, not only virtually, but allo substan-tially; for Power without Substance cannot subsist. See

Thinky, tor Fower
POWER, Sc.
All Things are contained, and move in him; but without any mutual Paffion: He fuffers nothing from the Motions of Bodies; nor do they undergo any Refiftance from his Omniore

his Omnipretence.

It is confeired that GOD exits necessarily, and by the fame Necessiry be exits always, and every where. Heree also he must be perickly imiliar; all Syr, all Ear, all Brain, all Arm, all the Power of perceiving, understanding and acting, but after a manner not at all corporcal, after a manner and the state of Men, after a manner wholy to us unknown. See Anthropomorphite

' He is defittate of all Body, and all bodily Shape; and therefore cannot be feen, heard, nor touched; nor ought to be worship'd under the Representation of any thing cor-

porcal. See IMAGE, &c.

We have Ideas of the Attributes of God, but do not know the Substance even of any Thing: We fee only the Figures, and Colours of Bodies; hear only Sounds, rouch only the outward Surfaces, finell only Odours, and taite only the outward Surfaces, finell only Odours, and tafte Tafts; and do not, cannot, by any Senfe, or any reflex Act know their inward Subflances, and much lefs can we have any Notion of the Subflance of God. See Body, Sur-We know him by his Properties, and Attributes a by the

most wife, and excellent Structure of Things, and by final Caufes; but we adore, and worthip him only on account of his Dominion: For God, fetting afide Dominion, Providence, and final Cautes, is nothing elfe but Fate, and Nature.

Philof. Nat. Princip. Math. in Calce. See Fate, Na-

TWAR, 60:. A least continue Divine has wrought after Throught of A least chain the Dishupher lear for Frency and right of them into a more capted Sylfems, in a Difficurity upon this Occasion. They great Principle or Proposition to large down, in their Code is not publy defenced a Being abblishery perfect, but "Gad is not publy defenced a Being abblishery perfect, but "the he desire he felf covidents Being to be Infinitely perfect, but the desire he felf covidents Being to be Infinitely perfect, but the desire he felf covidents Being to be Infinitely perfect, but may that it is his Dominston, nor his Ferfection, The Effect and Being, he dofferer, may be confided either abglantisty, or retarroly: A tholmstey, as he is in his own Nature, and a he in confided by the Merchylydiction.

own Nature, and as he is confidered by the Nicephysician Relatively, as he stands related to his Creatures, and as he is confidered by the Religionist, his Worshipper. Now, in treating of the Definition of God, he intends a nominal, not a real Definition; not what the Nature of that felf-existent Being is, which we call God; but what it is we mean by the Word God: Which, on this System, is that felf existent Be-

Word God: Which, on this System, is that the exament ne-ing, confided not abfoliately, but relatively; not as he is abitrackedly in his own Nature, but as he stands related to the Universe, whole Sovereign Lord he is. See Universes. "Tis added, that the Names given him is, most Lan-

This added, that the Names given him 1g, most Lan-guages, denote, no bis abtract, metaphytical, and ablotate idea, but his religious, popular, and relajive one. Indeed, overy worthipper of God will allow that he wor-things that felf-existent Being for no other Reason, but be-cause he is God, that is, because he is Lord and Sovereign; for one would be under no Obligation to worthin a Being, for one would be under no Obligation to wording a Bring, the a Molandry periodic, that had no Deminion once him-hal a Molandry periodic and the second periodic and produced the second periodic and the second periodic of Contemplation, and Admiration; no cof Worldhips. For Worlthip is now a Payment of Homage, an Acknowledge-ment of Subjection; which, where there is no Deminion, carmonde beds, and is therefore always due in proportion to carmonde beds, and is therefore always due in proportion. The World Gel fignifies, Leral, and not a Beling abbiliancy perfect! Thus when I fay, my Ged, the Ged of the Uni-verse, it forms plain, that the Notion of Gels's reclaims, to selection, that it, include Deminion, nor obligant Perfection.

and if I were to express the fame in any other Words, could I do it otherwise than thus, My Lord, the Lord of the Universe; and not thus, my perfect Being, the perfect Being

of the Universe?

of the Universe?
Indeed, it feems impossible to prove the Existence of a Gcd, in the Sense sittle at that Name, a priori, or any otherwise than from his Dominion; that is by arguing from the Effect of the Cause. The following Froncistons, via true, are underslably demonstrable a priori.

**That there is a felf-existent, i. e. necessarily existent Being; because the Universe could not produce itself. 2º That a necessarily ex-istent Being must be eternal, and omnipresent, that is co-extended with infinite Duration, and infinite Space, because whatever exists by an absolute Necessary of Nature, has no whatever exists by an abiolate Nocestify of Nature, has no Relation to Difference of Time, Place, Efe. and consequently and exist where the perfectly finites, imple, and uncompounded, without the perfectly finites, imple, and uncompounded, without the addition to the perfectly finites, imple, and uncompounded, without the addition to the perfectly finites, imple, and uncompounded, without the addition to the perfectly in every finite perfectly the perfectly and the perfectly finite and the perfectly finite perfectly the perfectly finite perfectly the perfectly finite perfectly finites and the perfectly finites this Being is immutable.

It is apparent therefore, a priori, that there is a felf-ex-iftent Being, which is not Matter; and that this Being is eternal, omliprefent, fimiliar, and unchangeable, by necef-fary Connexion between felf-Exiftence, and these Attributes out it is impossible to show any necessary Connexion between elf-Existence and Understanding; and if so, it is impossible tell-Exittence and Understanding, and it to, it is impossible to prove that the felf-exittent Being is intelligent a priori, or any otherwise than by arguing from the Effect to the Caule; that is, from the Comfideration of the Frame of the Universe, the Laws of Nature, and final Causes. Max-

well's Dife. concern. GOD .-

The Hebrews call the Name of God דוארכע אותיות and the Greeks, after this Example, Tsleaveluparer, as con-fifting of four Letters, which it is observed to do in most Languages: Thus, in the Hebrew, God is called MIT, Je-bonab; in Greek, Osbe; in Latin, Detts; in Spanish, Disc; beends in Greek, 69643 in Latin, Detti; in Spanish, 20043 in Italian, Més, in French, Dilez; in the antent Gasilih, Diez; in antient German, Diet; in the Sclavonic, 20043 in Arable, Mila, in the Folky, 2004; Simp, in the Panonnian, Milu; in the Egyptian, 2004, 2004; Simp; in the Pennonian, Milu; in the Egyptian, 2004, 2004; Simp; in the Perfan, Siry; in the Language of the Majo, Off.—
The Rabbins, and Hebrailts, particularly St. Jerom, and the Interpreters, reckon up ten different Names of God in

Scripture ; which are, אלהים , El, אלהים , Elobim, אלהי , E_ tobe, or in the Singular, אלה, Eleab, דבאירו, Tjebaosb עליות, Elion, אהיה, Ebjeb, ארוני, Adonai, הי, Jab, שרי, Shaddai, החרף, Jehovah ; but 'tis wrong to divide החרות from אלהיצבארון they fhould be but one Name היצבארון Eliobe tfebassh, i. c. God of Hofts.—Of these Names there are three which express the Essence of God, and are proper Names, viz. חורות, Ebjeb, הי, Jab, and הודי, Jebovab: Esames, viz. (VIIM, Leges, 71, Yan, and 1761, Yeoconic The others are only Names of Attributes. St. Jerom gives a particular Explanation of the ten Names, in his Epifile to Advaredia: And Bustorf the younger has an express Differ-tation on the fame; Differentic de monimilius: Dei. The Jefait Societa has three feveral ones on the three Names El, Shoddad, and Jebouado, yeinted at Parls in 1715.

Infair Society has three Events ones on the three Namel Egy Solidation, and Profession, Vermical 27 Parts in 1717.

Solidation, and Profession, Vermical 27 Parts in 1717.

Argument against the Estifence of a Ged in the Month of Gents: 1 How full the conceive any shape of a Ged, where the Contract of t but there can be nothing funknown to Gos. "Not can we artibute Juffice to Gos!; that being a Thing which only relates to human Society: Nor Temperator; ficee he has no Pleafure to refirsh: Nor Courage, in regard he is not fusceptible of any Pain, Labour, or Fatigue; nor exposed to any Danger. How then can a Thing be Gos, which has peither Virtue, nor Understanding?" See Ar-

* shich has geüber Virrus, nor Underhanding 1* Sec Ar-warsen, Diritturt, Sec.

Gon is also üdel in finekting of the falls Dieleite of the Heichtenia, many of which were only Gentaries, no which Heichtenia in the Sec.

The Greeks and Lazini, it is observable, did not meanly the Nam God an Heigerick Being, whereof Bernity, Heinham God an Heigerick Being, whereof Bernity, Heinhen, the Word only implied an excellent and fuperior Nature; and accordingly here give the Appellation God to all Beingo it shad, or Chile highers and more perfectly on the Bernit Sec.

1. **Sec.***

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The Sec.

than Men.
Nay, Men hermleives, according to their Sylfein, might become Goff, after Denth, instruce as their Sooks might become Goff, after Denth, instruce as their Sooks might become Goff, after Denth, in structure, which is her republe of in Life, See Datarrectors, which they come the Control of Control of the Control of Contro

Thus the Omnipotence of God came to be represented under the Perion and Appellation of Jupiter; the Wildom of God, under that of Minerea; the Julioc of God, under that of Juno. See Erica, Fable, Sc.

of Ged, under ties we see Erica, Faulx, Sc.

The first Idols, or falle Ged: that are fail to have been dedored, were the Stars, Sun, Moon, Sc. in regard of the Light, Heat, and other Benefits we derive from them. See Arrensows, Sran, Svn, Sc.

Atterwards, the Earth came to be delifed for fainfaling the Schole Schole

Fruits necessary for the Subsistance of Men and Animals: Then Fire and Water became Objects of divine Worship, for their Usefalness to human Life. See Fire, and Wayer.

over more Unemforts to numera Lates. See First, and WARRE, When Things were thus got in the Train, Goods, by degrees, became matiriplied to infinity; and featre any thing but the Weakness, or Captrice of Some Devote or other, elevated into the Rank; Taings ufcleds, or even destructive or exceptions.

not excepted. To authorize their own Crimes, and juffify their Vices and Debaucheries, they conflituted criminal, vicious, and incentious God's, unjuft, rapacious, and tysamical God's, corectous and thiewish God's, Druoken God's, impudent God's, cruel and bloody God's. and bloody Gods,-

and bloody Gods;—
The principal of the anticat Gods, whom the Romans call'd Dn majoroun Gentium, and which Coero calls Colegia Gods, Yarro, Soldt Gods, Yord, Noblet Deed, others, Confemet Dros, were Japiter, Juno, Volta, Mineros, Cres, Dinne, Vonta, Mary, Mercany, Negtmus, Valena, Valena, Sanda, Sanda,

rett, Minest, Fentis, Burn, Burney, mervey, experience, Application, and the Application of the San, Maria at the Gold of Heaven, Neptome at Gold of the San, Maria at the Gold of Wars, Apolio of Elevation of White, Latitude of Hydick, Mariany of Thirsten 3 Barelon of White, Optide of Love, U.S., A feecad Sort of Gold, call d'Dement Gold, Smit Diministration Gentisms, Indigities, or Gold selptick, were being consisted, and delicited on the Right, to their fixed and the Contraction of Heaven for that they liv'd as Gods upon Earth. See Indi-orres, Hero, and Appringuis.

CITES, HERO, and APOTHEOSIS.

The Heathen Gods may be all reduced to the following Cliffes. 1º Created Spirits, Angels, or Demons; whence good and evil Gods; Genit, Lares, Lemares, Typhomes, Proteching Gods, Infernal Gods, &c. See Damon, Ganius, Lars, &c.

2º Heavenly Bodies, as the Sun, Moon, and other Pla-ners, fixed Stars, Conficilations, &c. See Sun, Moon, STAR,

CONSTRUCTION, &c.

Convertication, Sc. 37. Estric, Ocean, Opp, Fifth the Research Fermions, Sc. 47. Estric, Ocean, Opp, Fifth the Research Fermions, Sc. 47. Estrict, Ocean, Opp, Fifth the Research Fermions, were bounded under the Nimes of Greyas. See Transcranace. And the Federal Science of Greyas See Transcranace. And the Science of Greyas See Transcranace of See Transcranace of Greyas See Transcrana

was deyres; and many Nations Silver, and Gold.

2º Plants have been made Gods; thus Leeks and Onions

were Delines in Egyps: The Scient, Linbuanians, Cette,
Vandals, and Permuns ador'd Trees and Forelt: The an
"The did been a particular Devotion to

Vandat, and Versussia ader d'ires and rovigit i ne an-tient Gauli, Sprivon, Druids, bore a particular Devoint or the Oak; and it was no other than Wheet, Corns, Seeds, \$2e, that the Amitents adored under the Names of Ceres and Proferpina. See Panne, Svilvans, Davins, &c. y° They now themselves Geds from among the Vaters: The Sprians, and Egyttians adored Fifteet; the Oaypinebites, The Syrians, and Egytians adored Fiftes; the Oxyrinebites, Latophiliani, Seutres; and the Inhabitants of the Eliphanithe had each a Fifth for their God; and the Trimus, Nevicia, Syrens, &c. what were they but Fifthest Several Nations have adored Serpents, particularly the Egyptians, Profiant, Libbanaians, Samaguians, &c. See Pairons, Narallo, Svans, 15c.

8° Infects, as Flies and Ants have had their Sacrificers; these among the The Jalians, and those in Acarnama, where Bullocks were offer'd to them.

Balleck were efford to them. Cover, Suprovement, Byr., 29° Among Sind, the Stark, Cover, Suprovement, Byr., 29° Among Sind, the Stark, and Thirse Benezius, the hill in Mexica, the Red in Ruyr, and att Yeler. 20°, Sur. from Benth have but their Alars, as the Stark, 20°, Car. 1991, Subson, Lion, and Creedidt in Egyl seat to the Trivia, and at Yenceles, Wedglie at Tolerks, and the Percepta throughout all Zeradeler's School. 27° Nothing was more common than to per Stark as the

Two upfur throughout all Zarastler's School.

11° Nothing was more common than to place Men among the Number of Delicies; and from Belus, or Basi to the Roman Emperors before Confinatine; the Inflances of this kind are innumerable. Frequently they did not wait to

long as their Deaths for the Apotheofis. Nebuchadnezzar pro wided to have his Statue worthip'd while living; and V. fliews that Augustus had Alters, and Sacrifices news and rangingua had Altara, and Sacrinces outer'd to him. Ecligs. 1. e.6. r. As we learn from other Hands, that he had Frieds call'd Angufales; and Temples, at Lyous, Nar-Bona, and feveral other Places; and he must be allowed the first of the Romans; in whole behalf idelary was carried to fach a Pitch. The Arthopicus deem'd all their Kings, Gods: The Valled of the Germans, the Money the Lyons of the nean s. a.c.o. ane Ashiopians deem'd all their Kings, Cods: The Velleds of the Germans; the James of the Hungarians; and the Thant, Othin, and Afa of the Northern Nations were also Men. 12 Not Men only, but every thing that relates to Men.

12" Not Men only, but every thing that relates to Man has alfo been delified; as Lobour, Reff, Sleep, Touth, Age, Death, Virius, Vices, Occasion, Time, Place, Numbers among the Pythogeriaus; the Generative Power, under the Name of Priapus: Infancy alone had a Coud of Delites;

Name of Prihôpis: 19/30/9 done had a Coda of Detrices, as Yogereauly, Levina, Rumina, Eddig, Potina, Gabo, Camina, Carra, Offlage, Statulinus, Fabulinus, Sec.
They also doo'd the God Heids, Fever, Feer, Love, Pain, Indegnation, Shame, Impudence, Opinion, Remova, Prudence, Selence, Ar., Fabelty, Felicity, Galumy, Li-

berty, Money, War, Peace, Villery, Triamph, &c. Laftly, Nature, or the Universe, was reputed a God. Sec

Latily, Nature, or the Univerfe, was reputed a Cod. See NATURE, and UNIVERSE. Hitle of Guy-ride, i. e. the Generation of the Gods; wherein he explains their Genea-logy and Delcent, tex forth who was the first, and principal of all the others, who first defended from him and what liftle each had; the whole making a fort of System of Hea-then Theology. See Tizzacows.

Befide this popular Theology, each Philosopher had his feparate System; as may be feen from the Timens of Plate, and Cicero De Natura Decrum.

and Guerre De Natura Deorum.
Juliu Martyr, Tertullian in his Apologoticks and his Books course Gentes; Arabbus, Manueius Feliw, Laffanius, Englebius, Prepar. & Demon. Evangel. St. Augustin De Civit. Dei, and Theodores advert. Gentes, thew the Vanity of these Gods.

or these toss:
"Tis very difficult to diffover the real Sentiments of the Heathers, with refpect to their Gass: They are exceedingly intricate and confuled, and even frequently controlledor. They admitted for many juperior and inferior Gasl, who flared the Empire, that all was full of Gasls. Varre reckons up no lefs than thirty thouland ador'd within a fmall Extent of Ground, and yet their Number was every Day growing. The Way to Heaven was fo eafy for the Great Men of thole Days, that Juvenal brings in Atlas complaining he was ready to fink under the Load of fuch a Number of new Gods as were daily placed in the Henrens: Yet Fa. Mourges feems to have proved, that all the Philosophers of Antiquity have schowledg d that there was but one God—Plan Theol. des Scil. Scavent. de Grece. See Gonnas.

GOD Bore, in our antient Saxon Customs. Multis en delittis in Deum admissi obveniens. A Fine, or Amerciadelitis in Deum admissis obveniens.—A Fine, or Amercia-ment for Crimes and Offences against God: An Ecclesiasti-

l, or Church Fine. Gon-Fathers, and Gon-Mothers, Persons who direct, and attend at the Baptim of Infants, or other Perions; and give the Name. See Barrism, and Name. The Number of Gad-fathers, and God-mothers is now reduced to three in the Church of England, and to two in that

of Rome: Antiently, they had as many as they pleas'd.—
The Romanifls have allo God-fathers, and God-mathers at

their Confirmation. See Confirmation.
They also give God-fathers, &c. to Bells, at their Bap-Sec Bell.

tifm. See Brill.

"Of Among the Armstein of the Caption for Perform of Among the Armstein of the Caption and the Galderse Hair, the first time; by which they became reparted a for Gal-fathers. And the like was presided with regard to the Hair of the Beard. See Amoryros, Fayrus, Hairs, See Caption of the Caption of Seconds, who was tended and affilled the Keighn in Touraments, or fingle Combair.

The Gal-father; of Ducla were a kind of Advocates,

chosen by the two Parties, to represent the Reasons of their Combat to the Judges. See Combat, Dubl., Champion, &c. Something of this kind is (bil) retain'd at foleran Carroufalss

There are two, or more in each Quadrile. See Quadrile.

The Inflication of God-fathers and God-mothers, Patrinal and Matrimi is originally Roman: They were young rrina and Marrina is originally Roman: They were young People, who in the Games of the Circus had the Direction of the Chariots, Shews, and Images of the Gods. Cicero makes mention of them in his Oration de Haruspieum re-

Their Office was much like that of the Children in fome Romift Ceremonies, who are decided in the Habit of Angels, to threw Flowers, bear faceholds in the Habit of Angels, to threw Flowers, bear faceholds fash, &c. and accompany the Relieks, and Images of Saints.—
GOIDESS, Dec., Divs., a Heathen Deity, of the female &c. See Gos.

male &cx. See Gon.
The Antients had almost as many Goddesses, as Gods:

Such were Juno, the Goddess of Air; Diana, the Goddess of Woods, and Chastity; Proservina, the Goddess of Heli; Venus, of Beauty; Thetis, of the Sea: Such also were Vi-Hory, Fortune, &c. See FORTUNE. Nay, they were not contented to make Women Gods,

and admit both Sexes into the Roll; but they had also Herand admit both Seeze into the Roll; hus they had slift Her-mophwolfee Godd: Thus Mazerra, according to Several of the Lestreet, we have his has not Wesman, and worthly'd the Performance of the Company of the Company of the Hermothese the Desiry, was both God and Godderf; and the Sexics of Parus and Postern are very dubous: Whence, in the luncetions of those Desire, they and this Torman, 26, the was Frivilege pecultur to Goddeffys, that they might be represented on Models, nather? The Immigration, it was larged by the Company of the Company of the Part of the single of the Section of the Company of the Company in the Section of the Company of the Company of the Section of the COD Golds, they creatent Collemn, tax which is directly

GOD-Gild, in our antient Cuftoms, that which is offer'd

to God. See Gill.

to God. See Grin.

GOLDA Arsenia, pellos Mecil, the hervieth, purell,

GOLDA Arsenia, pellos Mecil, the hervieth, purell,

GOLDA Arsenia, pellos de la consentate mois

valuable, of all Menia. See Maraka.

The Cispositis all Gold & dt, do son, to denore in Preestimente over the other Menia, which are call'd by the

estimates over the other Menia, which are call'd by the

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The Weight of Gold is to that of Silver as 19 to 10—A. Cubic Inch of pure Gold weighs 12 Ounces, 2 Drachms, 52 Grains; and the Cubic Inch of Silver 6 Ounces, 5 Drachms, 62 Gr.—The Pound Weight, or twelve Ounces Troy of Gold is divided into 24 Caracts. See Caract, Whioht, and SPECIFIC Gravit

SPECIFIC GYPOLOGY.

The Value of Goldis to that of Silver as 14 to 15 antiently, it was only as 12 to 1. Indeed, this Proportion varies as Gold is more or left plentiful: For Sucremms relates, that Cofor brought fact a Quantity of Gold from 1849, that the Pound of Gold was only worth brene Pound and half of Silver. Standard Gold is worth 44 lib. 10 s. Sterling the Pound-weight: Standard Silver, is worth 3 l. the Pound; or 5 s. the Ounce. See STANDARD; see also SILVER, and Mo-

The first Characteristic, or Property of Gold is that it is the beaviest of all Bodies—So that whoever would make

the heaviest of all Bodies—So that whoever would make Gold, must be able to add to the Weight of other Matters, and make them equiponderate with Gold.

In every Mols of Matter, therefore, heavier than Mercary, there must of necessity be a Share of Gold; there being no Body in Nature of intermediate Gravity; i.e. no Body whole Gravity is to that of Gold, more than 2s 14 to 15. See MERCURY

See Maracuvi, the control bosons Bodier it is the food of the food DUCTILITY.

This Tenacity, or cohefive Force of Gold depends altoge-ther on its being free from Sulphur: For mix but a lingle Grain of Sulphur with 1000 times the Weight of Gold, and the Mass ceases to be malleable. See Surraya.

the Mais ceases to be malicable. See Surrium.

The third Character of Gold is its Fixedness in the Firey
in which it executes all other Bodies.—This Property Seems
or refult from the Homogenity, and Equality of its Parts,
which equally aid, and Support each other, and have equal
because it impellies they high the fire Consolidate of the Percs, or luterities thre which the fiery Corpucles find an easy Pastage.—The Prince of Mirandola, Mr. Boyle, and other Chymitis furnish divers Experiments to illustrate this

other Chymith furnish divere. Experiments to Bliffirm this wonderful Pittis, date Irajing Quantity of Gold woo Mondo in the inemiest. Here imaginable, it is rateen out without the control of the control of the control of the properties of the control of the control of the in multie sadded, however, that in the Ecol of the large Barning Golffee of Med. Yelferindsuffee, and Fillitte, even Gold field values and evesporters. After this minner, we are the control of the control of the control of the earth of the control of the control of the control of Calis, which entired Pamers, and Golf in Weight. But the fame Calis field again with a Quantity of Greefe was refueld into Gold. See Volutionary, Virturizations,

BURNING Glaß, &c.
Its fourth Character is, not to be diffoliable by any Menfiruum in Nature, except Aqua Regia, and Mercury. See

MERSTRUBM.

The Basis of Aqua Regia is Sea Salt, which is the only Salt in Nature that has any Effect on Gold. But this Salt has its Effect in what Form or Manner foever applied, whether as a Fluid, or a Solid is Subthance, or in Spirit. See Aqua Reola, and Salt.

Mr. Boyle

Mr. Boyle made a Menstruum of Butter of Antimony, which disolved Gold with great Facility; and hence con-cluded that Gold might be distolved without Sea Sait: But by Millake, the effective Part even of this Menstruum being fill Sea Salt, which is an Ingredient in Sublimate of Mer-cury wherewith Butter of Antimony is made. See Salt,

cuiy wherewith Butter of Annimosy is Morewith Guide.

The fewenth Character is that it readily and spontaneously, as by some Magnetic Virtue, attracts, and absorbs Mercury; the what My Lord Ziacou writes, who, that Guid, in imbiliance of the Character of the Ch

It may be added, that as foon as the Mercury enters the Gold, the Metal becomes foft, like a Pafte. See AMALDA-

MATION.

The eighth CharaGer is, that it withflands the Violence both of Lead, and Antiment, i.e. being fixed in the Cappel of t

dergo the fame rate— n us, it a Mais continuing or twee, Silver, Stones, Copper, gife. be fined together with Antimony, the feveral Matters become feparated, and all but the Gold ricks to the Safface in form of a Soziar, and is blown off with Bellows: But the Gold remains behind, much particle, as baving loft all its heterogeneous Parts along with the other Metals. And home Annineay is used as the Tell of

field, as leving bild all in heterogeneous Parts along with the order Meals. An ollowed naminosity is told as the Tell of the Charles of the On which Principle depends the Art of Effayng-Sec Essayni

See Eastwoo.

All the known years of the Earth affect this pecches Maist how with a feel of Difference, in point of Purity, and Maist how with a feel of Difference, in point of Purity, and particularly the Comprehence of t

of the standard of the standar found in the Stad and Mud of Rivers, and Tourens; par-icularly is Guinas. This like it in form of a fine Product, and called apersyste? Goldschiff. Glauber holds that there Desire the Muschania of Cellity, which they figurest from the Eursh by suffing; whence the Flacca where it is found, or figurants; are call'd Laundering. The Earth is usfully reddiff, and very five: At about fix Flore deep it in mid-with Grains of large Dark; and from Land the Company of the Company of the Company of the near Banks of foir bisselfs fiven, mixed with yellow Threads, —Add-were are on Gold, but only Printy, or Marcalities of

which yet are not Gold, but only Pyrites, or Marcaffites of

Gold.

Men shey have different'd new of this Baseh, they she them to before Revisets to the (their in both Monntain are very frequent) in order, by force thereof, no rear off the upper Earth, and lay the Golden Stratum lane. This performant by digging with Spades, &c. As foon as the Golden Earth is uncovered, they turn off the Water; and dig the Death of the Control of the Contr the Earth undergoing divers repeated Lotions, in different Waters, the earthy, and impure Part is all separated and carried off by the Stream, and the Gold left at Bottom. See LAVATORY.

This Method of getting Gold is immenfely gainful; the Expenses being but triffing, compared with those accruing in the common way by Machines, Fire, and Quicksilver:

The tichest of these Lauadere's is that de l'Estancia del Rey, twelve Leagues from the Comeption, a Port of the South Sea—Thuringia, and some other Places along the Rhine, are the only Places in Europe, where Gold is got in

this manner.

The Gold of Mines is of two kinds; the one in small Pieces, or Grains of various Forms, and Weights. Of this fort, among the Specimens sent by Columbin iero Spain, to let them see the Richaets of his Discovery, there were form of 18 Oances Weight; and the Relations of these Days at the contract of the sent of the s Founds Weight,

The other kind of Gold is dug up in Stony Glebes, which is what they call the Mineral, or Ore of Gold: These Glebes are of various Colours, and usually 130 or 160 Fathom deep. Along with the Gold they usually contain fome other Mineral Matter, as Antimony, Vitriol, Sulphur, Copper, or Silver; particularly the laft; withour fome Share of which it is feared

Manner of Separatine Gold.

They first break the Metalline Stone with Iron Mallets, pretty fmall; then carry it to the Mills, where it is ground into a very fine Powder; and laftly pais it thro' feveral Brass Sieves one after another, thelaft as fine as any of our Silk

Sieves one other anothers, treasures as a second respective for the present of th Virgin Gold; as well as that found in the Sand of Rivers, or that in Grains in the Mines; in regard none of them have as'd the Fire. After this, they usually fuse them in Cruci-

Manner of Refining GOLD.

There are three principal Manners of refining Gold; the first with Antimony; the focond with Sublimate; and the third with Apara fortis. This last, which is call if Departing, or Parting, is already deferible under the Article Dr. Anx; and the two former ander those of Refining. See Sec. REFINING

REFINIME.

Befide these three, there are other Methods of Refining Golds, particularly that call'd the Coppel, which is perform d with Lead and Affres; and that call'd Cementation, by means of a Composition of Brick Dutl, common Sait, Sal Ammeniae, Sal Gemma, and Urine. See Coreze, and CEMENTATION.

The Effaying of Gold, is perform'd with the Touch-flone, but more lecurely by Fire. See Touch-Stone, and ESSAYING.

For the Making of GOLD, fee Philosopher Stone, and TRANSMUTATION

TRASSEVENTATION.

GROWN HAS, as Cylindrical Ingut of Silver, fuperficially gills, Grown Was, as Cylindrical Ingut of Silver, fuperficially gills, Grown Wash and Control of the Control of

it is nabelé fresh, over with now Was, both to fecilitate in Falfigs, and to percent the Silver's appearing thio.' It is among to what Degree of Fineschich Gold's here drown; and yet in like replants operation, and over fineschich may for a. Computation berroft, as also a more particular Account of the manner of proceeding, under the Article Deversary of Gold.

Deversary of Gold Computation berroft, and the computation of Contablants are not as a computation of Contablants are not as a computation of the Contablants are not as a computation of the Contablants are not to be former to the contablant of the Contablants are not to be seen to be used the solution of the Contablants are not to be seen to be used the contablants of the contablants of

Laces, Embroideries, &c.

GOLD THREAD, or Span Gold, is the flatted Gold wrapp'd, or kid over a Thread of Silk, by rwifting it with a Wheel, The Methods of managing and drawing Gold and Silver both real and feeming in all these Kinds, are very curious, and of great Use in Commerce.

Manner of forming Gold Wire, and Gold Thread both round, and flat.

First, An Ingot of Silver of 24 Pound is forged into a Cy Fiffe, an logor of oliver of the standard about an Inch in Diameter: Then 'tis drawn thro' eight or ten Holes of a large, coarfe Drawing Iron, both to finish it * U u Roun

Roundness, and to reduce it to about three Fourths of its former Diameter. This done, they file it very carefully all over, to take off any Filth remaining of the Forge: Then they cut it in the Middle, and thus make two equal Ingots thereof; each about 26 luches long; which they draw thre' fe-weral new Holes to take off any Inequalities the File may have left, and to render it as smooth, and equable as polfible

The Ingot thus far prepar'd, they heat it in a Coal Fire: Then, taking fome Gold Leaves, each of about four Inches fquare, and weighing is Grains; they join four, eight, twelve, or fixteen of thefe together, as the Wire is intended to be more, or lefs gilt; and when they are fo join'd as only to form a fingle Leaf, they rub the Ingots, recking hot, with a

Thefe Leaves, thus prepared, they apply over the whole Surface of the Ingot to the Number of fix, over each other; burnishing or rubbing them well down with the Blood-stone,

to close, and fmoothen them. When gilt, the Ingots are laid a-new in a Coal Fire; and

to code, and foncebeck them.

Men and to could be the them in a Coal life, and when raided to a cumin layers of Hank, they go over them a fecond time with the Blood-dime, bent to tolker the Goldmann of the Coal life, the Coal life,

wound on a Spool, or Bobin. See Ferribility.

Gold Lear, or Beater Gold, is Gold beaten with a

Hamner, into exceedingly thin Leaves.

The prodigious to consider the Finencis they will thus reduce a Body of Gold to: "Its computed, that an Ounce may be beaten into 1600 Leaves, each three Inches figure; in

which State, it takes up more 159092 times its former Space.

This Gold they beat on a Block of Marble, commonly black This Gold they best on a Block of Marbic, commony black Marbic, about a For Gaure, and Gull a risid there for a Marbic, about a For Gaure, and Gull a risid there for the theory of the Gull of the Gull of the Gull of the Bib Maller, and Gull of the Gull of the Gull of the Maller, and Gull of the Gull of the Gull of eleven or twelve Tounds, to cloic; and the chird, which wells barrors or friend band, to fitted, and faith, which wells barrors or friend band, to fitted, and faith, which wells barrors or friend bands of the Gull one filling each of you Leave, are made of Bullecks Gur, well found and prepared. See Morran.

The Method of preparing, and beating Gold, is as follows.

They first melt a Quantity of pure Gold, and form it into an lagot: This they reduce, by longing, into a Plate about the Thickness of a Sheet of Paper: Which done, they cut the Plate into little Picces shout an Inch (quere, and lay them in the first, or fmallest Mould, to begin to freech them. After they have been hammer'd here a while with the (malleft Hammer, they cut each of them into four; and put them in the second Mould to be extended further.

times in the second avoids to be extended further.

Upon taking them hence, they cut then again into four,
and put them into the third Mould; out of which they are
taken, divided into four, as before, and laid in the laft, or
failfning Mould; where they are bearen to the Degree of
Thinnels required.—

The Leavest the feet of the second of the laft of the laft, or
The Leavest the feet of the latter of the

The Leaves thus finish'd, they take them out of the Mould, and dispose them in little Paper Books prepar'd with red Bole, for the Gold to flick to: Each Book ordinarily

contains 25 Gold Leaves.

contains : Gold Leaves.
There are two Sizes of thefe Books: Twenty five Leaves
of the finallelf only weigh five or fix Grains; and the fame
Number of the largelt line, or ten Grains.
In mult be observed that Gold is beaten more, or left, acconding to the Kind, or Quality of the Work it is intended
for: That for the Gold-wire Diswers to gild their lingus
which, is let immach thicker, than that for gilding the Frames of Pictures, &c. withal.

SHEEL GOLD is that us'd by the Illuminers; and wherewithall we write Gold Letters.—It is made of the Parings of Leaf Gold, and even of the Leaves themselves, reduc'd into an impalpable Powder, by grinding on a Marble, with Ho-

my. After leaving it to inside forms time in Agna ferriz, they per live Ballen, where it fittles. To use it, they filten they per live Ballen, where it fittles. To use it, they filten it with Gam Water, or Soap Water. Burniph's Goon, is had inconcherid, or pollfuld with a Seed Indramona, call'd the Burniph'er, if it be weenful be gilding in Water. Soc Brassmann, and Grants, the Addition of Goon, is a Pharic and to figurity a Million of Governs. See Chewas.

Crowns, See Crowns.

Tim of Gold, is a kind of Money of Account, us'd by the

Dutch, and in fome other Countries; containing a hundred

thouland Florins. See Florin.

Thousand agonus. See Float Ns.

Gonz Dein, or Species of Gonz ; fee Cons.

A hundred Pounds of, or in, Gold, is found to weigh two
Pound, ten Ounces: The fame Sum in Silver, weighs a coPound, 4 Ounces. The time Sum in Silver, weighs ace
Pound, 4 Ounces. Themety two Pence, in Copper Farthings
and Half-pence, weigh one Pound Avoirdupolic.—

A Tun of Gold at 4 Founds the Ounce amounts to 96000 !.

A Tun of twiss at a rounds the Ounce amounts to specify.

A Tun of Silver at \$ 5.2.4. the Ounce, to Scool. A Pound Sterling Gald, to \$8.1. An Ounce is worth \$4.1. The Penny, weight, \$4.1. One Grain, a 4. A Pound of Sterling Silver amounts to \$1.2.5. An Ounce is worth \$5.2.4. The Penny, weight, \$3.4. and Semething more; one Grain, a half penny, A Pound of Silver Avoirdupoide comes to \$1.5.3.4. half-penny.

penny.

Mefaic Gold, is Gold applied in Panels on a proper
Ground, diffilhated into Squares, Lozanges, and other Compartments, part whereof is fluidow'd to raife, or heighten
the reft. Set Mosato.

Virgin Gold, just as it is caken out of the Mines before it have undergone any Action, or Preparation of Fire: Whence the Greeks call it ασυρά. Such is the ἀμμοχρόσ⊕, Whence the Gretze tall it devute. Such is the disregated, or Gold 20th, and that go by Lection is the Lavedown in Gold 20th, and that go by Lection is the Lavedown in Gold 20th, and that go by Lection is the Gold found in the Mines, period in the Gold found in the Mines, period in the Gold found in the Mines, period in the Gold found in the Mines and the Gold found in the Mines and the Gold found in the G

positivis, and all Alloy-The Lativis call it durant parum, Aurus pirum, Aurus elvinom, elurim coldum. Aurus pirum, Aurus elvinom, elurim coldum. Lin Roality, there is no loch thing as Gild to very pure; and there is always usualing at tellar 2 outere or a Cara-Gild of a Carant has and 3 farts, i.e. half a Spart of a Start Copper: That of a Scann has half a Start, i.e. half a Googram on a Scann has half a Start, i.e. half a Botterroom on a tomain, that the Editfrom of the Anciens was Gild of 3 Carans for the Part Gild, and a fifth sill-ver—From in Chelonacco of King Thin of Fronce, it as-gues make the Gild then flux at Parim vas of a Scannig log-gen make the Gild then flux at Parim vas of a Scannig log-

and yet 'tis added that it was the bell and fineft Gold the known on Earth

In England, at this time, the Standard of Crown Gold is ee Carate.

Carate. See Guinea. CLOTH of GOLD. fee } GOLD Money, MONEY

GOLD Méney,

Potable Gon, Aurem potable, dee Porable Gold.

Publicating Gold, Aurem fulminant, fee Fulminating Gold.

Publicating Gold, Aurem fulminant, fee Fulminating Gold.

Gold, in Modision, and Chymitty—The Chemitis make feveral Preparations of Gold for Medicinal Ufes; as Salts, Mercuites, and Tinctures of Gold; but its a Point into yet well agreed on whether Gold have any real Property whereby

it may be of Use of Medicine .-The most antient Physicians are all filent on the Matter: The Arabs are the first who mention it in this Quality.—

Avicenna attributes extraordinary Virtues to it; but he fleaks on Conjecture more than Experiment. And yer it is pretry certain Gold must have an Effect: A Quantity of Gold pretty certain Gold muth have an Effect: A Quantity of Gold Filings being traken by a Perfoin in a Bolus, he was very well pargd thereby: But this might well be owing to the great Weight of its Particles, which impringing volcanity against the Glands of the Intellies, promoted their Vibrations, and thus experted the Humon forested thereits. Berestin, in a Lenter to Barrbeitia relates, that having heated an Ingot of fine Gold hand the second of the Company of the Comp Bartbells relates, that having heated an Ingot of fine Gold feveral times red hot, and extinguilful it as often in Wa-ter, he found the Weight of the Ingo confiderably dimi-nishful upon which, proceeding to evaporate the Water, he drew a little Quantity of Gold from it. Hence it appears, that the fabrille Parts of the Gold pair into the Liquous it is extinguilful in 3 and hence, 'is argued, it may have confi-

derable Effects. Notwithstanding the small Number of Experiments where on the Medicinal Efficacy of Gold is founded; the Alchy-mits will have it contain the Radical Balm of Life, for the milts will have it contain the Radical Estim of Life, for the retrieving of Health and Youth, and the Removal of all Difeafes. Gold, according to them, contains a Sulphur friendly to Nature, like that of the San, which animares the whole Universe; And on this Principle they have form d

a thousand siry Projects for an Universal Remedy. See

In effect, 'tis probable the Arabs and Alchemists were only brought to attribute all these Virtues to Gold, from their only brought to attribute all their virtues to Gold, from their perceiving creatin Qualities therein, which they fuppored it mult communicate to other Bodies. Thus, e. gr. Gold being commonly fails to be incapable of being detrivered; it is hence concluded to be proper to preferve animal Matters, and defend them from Purification. Which is just as reastenable as fome Physiciana preferbing the Blood of an Adir. Eve. and the communication of the Blood of an Adir. Eve. and the communication of the Blood of an Adir. Eve. and the Communication of the Blood of an Adir. Eve. and the Communication of the Blood of an Adir. Eve. and the Communication of the Blood of the

realchabe as some Phylicians preferribing the Blood of an Affice Ear as an appearing Remody, by reason the Afic is a very peaceable Ammal. See Porable Gold. Gotor, in Heraldry, is one of the Metala, more properly call'd by the French Name Or. See Manala, and On. GOLDEN, fomething that has a relation to Gold, or conflits of Gold, is valuable like Gold, or the like. See

GOLDEN BULL, Bulla Aurea, fee explain'd under the Article Bull.

fried Burn.

GOLDEN Fleece, in the antient Mythology, was the Skin, or Fleece of the Ram, upon which Physwas and Hella are figure posed to have (warm over the Sea to Cheben; and which being facrified to Justicer, was bung upon a Tree in the Grove of Mart, guarded by two Brazen-hoof & Bulls, and a monstrous Dragon that never flept; but taken, and carried off by

Jafon, and the Argonauss. See Argonaus.

Many Authors have endeavour'd to fliew that this Fable is an Allegorical Representation of some real History. Order of the GOLDEN FLEECE, is a Military Order infli-ted by Philip the Good, Dake of Burgundy, in 1429. Sec

MILITARY Order.

MILLYARY Order.

It took its Denomination from a Reprefentation of the Goldes Fleece, hore by the Knights on their Collars, which confifted of Flints, and Steek. The King of Spain is now Grand Master of the Order, in Quality of Dake of Burgandy; The Number of Knights is fixed to 31.

"Its ufastly faid to have been infiltrated on occasion of an

immense Profit which that Prince made by Wool: Tho', others will have a Chymical Mythery couch'd under it, as under that famous one of the Antients, which the Adepti contend to be no other than the Secret of the Elixir, wrote

contend to be no other than the Secret of the Einst, were on the Fleeco of a Stephen than the Land flaggefield on Philips and the Stephen than the Land flaggefield on Philips and the Stephen than the Coder was infliment by the Grand-father Philip the God, Dube of Burgards, with a View to that of Jafon; and that John Grands, Bittle of Edward, Chasselfor of the Order, spon this containing the Coderant of the Coder and Australia of the View of the Third Coderant Chasself on the Coderant Chasself on the Coderant Chasself on the Coderant Chasself on the Coderant Chasself of the Coderant Chasself on the Chasself on the Chasself on the Chasself

William Biftop of Towney, Chanceller likewife of the Order, preceds that the Duke of Targundy had in View the Golden Fleece of Jafon, and Jacobs Fleece, i. c. the specified Sheep belonging to this Partiarch, according to the Agreement made with his Father-in Law Labon. Which Agreement made with his Father in Law Lagon. Which Sentiment gave Birth to a great Work of this Frelate in two Parts: In the first, under the Symbol of the Fleece of Ja-fon isrepresented the Virtue of Magnanimity, which a Knight

you srepretented the Vitrue of Magnanimity, which a Knight ought to pedies; and under the Symbol of the Fleece of Jacob, he reprecents the Vitrue of Jufflee. Paradia is of the fame Mind, and relis as that the Duke design d to infimate that the fabrious Conquell which Juflow is fail to have made of the Goldens Fleece in Guldens, was nothing elfe but the Conquell of Vitrue, which requires a Victory over those herrish Monditers Vice, and our will in-

GOLDEN NUMBER, in Chronology, a Number showing what Year of the Moon's Cycle, any given Year is. See CYCLE of the Moon.

To find the Golden Number of any Year fince Christ.

18 has the Goden Number of any Year finee Christ-Since the Lunar Copie commerces with the Year before our Saviort Birth 4 to the given Year and 1 r. Then, divid-ing the Sum Pais 1, the Sum remaining direct the Divines, in the Golden Number required. If there he mobiling remain-suppole, e.g., the Golden Number of the prefers. Year 13 sp was a Queen for Goden Number of the prefers. Year 13 sp was a Queen for the Sum Number is used in the Judica Calendar, so the Year of the Sum Year of the Sum Year of the Sum Year of the White Sum Year of the Sum Year of the Sum Year of the Number of the Sum Year of the Sum Year of the Sum Year of the Goden Number is used in the Judica Calendar, so thew with Days the New Moon fall. In Successfron of Time, however, it must be observed, that the Goden Numbers is the to the Delected William Sum Year of the Calendar the Goden Numbers is thrown outs, and the Jugal introduced in Goden Numbers is thrown outs, and the Jugal introduced in Golden Number is thrown out; and the Epact introduced in lieu thereof. See EPACT.

GOLDEN RULE, in Arithmetick, a Rule, or Praxis, of great Ufc, and Extent in the Art of Numbers; whereby we find a fourth Proportional to three Quantities given. See PROPORTION.

The Golden Rule is also call'd the Rule of Three, and ule of Proportion. See its Nature and Use under the Ar-Rule of Proportion.

Rule of Proportion. See its Nature and Use unner use article Rune of Yores.

GOLDINGALT, was a Figure of a Calf, which the Spraelites caft in that Metal, and fet up in the Wilderness, to worship, during Mose's Absence in the Mount; and which that Legislator, at his Return, burnt, ground to Powder, and wink of the Water the People were to drink of; as re-

lated Exadus xxxli.

lated Eurola xxxii.

The Commentators have been divided on this Article The point cause of Code of the Idea (1997) and IT-Time, before, Caylor, Carlon (1997) and the Idea (1997) and IT-Time, before, Caylor, Carlon (1997) and It-Time, Idea (1997) and Idea

Payprian Natron, which is common enough throughout the See POTABLE Gold. GOLOPS, in Heraldry, are Roundles of a Purple Co-

See ROUNDLE.

GOMPHOSIS, in Anatomy, a kind of Articulation of the Bones, wherein the one is chaled, or fitted immoveably into the other, after the manner of a Peg, or Nail. See ARTI-CULATIO

The Teeth are fet in the Jaws by Gomphofis. See TEETH, and MANILLE. The Word is Greek, youquous, form'd of youghs, clauses,

a Nail

GONAGRA, in Medicine, the Gont in the Knee. See The Word is compos'd of yare, Knee, and dyes, captura,

GONARCHA, a Term in the antient Dialling.—Mr. Per-rault, in his Notes on Vitruvius, lib. IX. c. 9, takes the Go-sureba to have been a Dial drawn on divers Surfaces, or

suration to have been a Diel dress on divers Surfaces, or Plancis Senior of which being Historical, where Verificial chairs Oblique, Er. brend divers Angles. We provide the Plancis Senior of which the State Sta

The Address of the Venetian Gondoliers, in passing their Inc. Addrets of the Femetans Gendeliers, in pating their narrow Canisis, is very remarkable? There are utually two to each Gendelia; and they row by publing before them. The Fere-man relt his Oge on the left Side of the Gendelia: The Hind-man is placed on the Stern, that be may fee the Head over the Tilt, or covering of the Gendelia; and relfs his Oga, which is very long, on the right field of the Gendelia.

his Oar, which is very iong, on the right and of the Gomesia-GONFALCON, or GONNANON a Kind of round Tent, bore as a Canofy, at the Head of the Proceedings of the principal Churches at Reme, in Cafe of Rain; is Werge, or Banner ferving for a Shelter, where there is not a great deal of Attend

of Attendance.

GONORRHÆA, or rather GONORRHEA in Medicine,
an involuntary Flux, or Dripping of Seed, or other Humor,
by the Penis; without Erection, or Tirillation. See SEED.

The Word is form'd of the Greek yard, genitura, Seed, and isa, fim, I flow.—
The Gonorrhea is of two kinds: The one Simple, the

other Virulent. The Simple Gonorrhea, or that without Virus, or Mali-

gnity, takes its rife from violent Exercises, and Strainings, the immederate Use of hot Foods, and particularly, fermented

the immoderate Ule of host loods, and particularly fermentee. Liquions, as Wine, Beer, Oyler, Eé. 1 is cared by Induging Reft, neurifiling Foods, Broths, Ec.
This Species is again divided into two 2 the one True,
Gower-Pais erre, wherein the Humor dikhanged is real
Seed: The other Spariesus Gomer-hea Nielas, wherein the
dripping Humor is not Seed, but a Matter from the Gland
about the Profitation. See Pason Arza.

This latter Kind bears fome Refemblance to the Fluor This latter Kind bears some Recembrance to the Ambus, or Mibus, or Whites in Women; and frequently remains a long time, without much Diminution of the Patient's Strength. Some cell it a Catarybul Genorrhea. Its Seat is in the Glands of the Profiates, which are either too much relax'd, or ulcerated.

The Virulent GONORRIEA, Generales Virulenta, artics from some impure Commerce, and is the first Stage of the Venereal Disease; being what we popularly call a Clap. See

VENEREAL Difease, and CLAP.

The Parts here primarily affected are the Proflates in Men Vineral 2018 by The Property of the Property in the Active in Women, which being alcomed by force contagions Matter received in Coirien, entle first, whitish, Tioner, with an acute Pain: This afterwards grows and the Property of the Prope watery Liquor, with an acute Pain: This afterwards g yellowift, then fharper, and at length greenith, or blu and frequently feetid.

It is attended with a Tension and Inslammation of the Yard, and an Ardor Uring, or Sharpness of Urine, which gives a painful Sensation in the Emission; the urinary Passage being torn and excertated by the Acrimony of the Humor. Hence arise Tumors of the Prepace, and Glands, with Ul-

Hence arise Tumors of the Prepace, and Giands, with Users on the fine; and formerimes Carancles in the Urenhar.
The Caufe of the Viralent Genoryhes, according to M.
Litre, is found acid Humor, heated, rarised, and rails of at
the time of Coition, from the internal Parts of the Padendam of a Woman infelted, and lodg d in the Urethra of the
Man. It has different Seats in the Eody; Sometimes it only fixes on Comper's mucous Glands; formetimes on the Pro-flares; and formetimes on the Veliculæ Seminales: Some-times it possesses we; and formetimes all three of the Places

From this Diversity of Seat of the Gonorrhen Virulenta, M. Littre makes two Sorts; Simple, which only affects one of the three Parts; and Compound, or Complicated, where feveral are afficted.

forced as a stifted.

That facted in the meson Glands, he shorrer, may re-main Simple, then the wools Coarle of the Difficial, by re-main Simple, then the wools Coarle of the Difficial, by re-near the stift of the Coarle of the Difficial of the Inch and half ear this Side the Prolatans, and also look down rowards the Glans; for that thick Liquos is easily difficulty from the Thought of the Coarle of the Coarle of the Food of the Coarle of the Coarle of the Coarle of the Food of the Coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle of the Coarle of the Coarle of the theory is a coarle of the Coarle

That feated in the mucous Giands, is much the rareft Cafe; and the cafieft cared. The Care is effected by emol-

lient Cataplafins, and Fornentations upon the Part, and a Half-bath. Mem. de Acad. Au. 1711.

Halfath. Men. de deds. ha.1711.
For the other Species, more powerful Menns are to be utded—The principal Memedies are Mertenral Purpet, an Empling of green Empford, Christiphon, Tarpatine being the Empford, Christiphon, Tarpatine of Green Precipitate of Mercury, and Mercur, duties. Bull. Saturni Terchenhamm, prepared with a gante Free of Saceh. Saturni, and Oni of Tarbentine, is much spisaded with the Christiphon of the Wood Gantaenni in all or English of Charleste Labituse—the Christiphon of the Wood Gantaenni in all or commended in a delline of Charleste held a first of Specialiste. I which must be added Labituse—the Christiphon of Christip in Metcury has been boiled ; Injections of Lime-water, Mer-curius duleis, Sacebarum Saturni, &c.

Pitcaira's Method of curing the Gonorrhea Virulenta, is "Picciaria" Method of curing the Genor-phea Viruleura, la follows i lo the Reginning of the Dileafe, he purges with a leanive Pitfan of Senns, Salt of Tartar, and Méllot Flowers; and gives the Patient Whey for his Drinka. After three, or four Days Spent in purping, if the Scalding of the Urine, and the Flosse and Coefficience of the Matter improved; he administer Bolizar and Coefficience of the Matter improved; he administer Bolizar Turgentine, and Rhenm to fix or Geven Days, and if they terpentine, and rate in for its or leven Days; and if they keep the Body loofe, fo much the better. By all means, Affringents to be avoided; the Government by all means, Affringents to be avoided; and post, unless too hashiy stop'd.

Pitcairn in MS. Phicaire in MS.

Du Bliegy directs the Curc of the Governmen, to begin with a gentle Cathartic of Caffia, Senna, Cryfial Mineral, Tamarinds, Athbas, and Rhabarth, administred every other Day: Then, Disserticks, particularly those of Turpentine; and lastly, gentle Attengents; as Mineral Waters, Green Martis algrangent, Tinchure of Rose, Tinchare of Coral in

A Ptyslifm, or Salivation never cures a Generrhea. See

GOOD or Goodness, in the general, is whatever tends, or conduces to preferve, or improve Nature, or Society; in opposition to Evil, which tends to destroy or impair the mc. See Evil.

fame. See Evit.

Hence Good is divided by the PhiloCophers into 1° Bonum fin, Private Good 4 which is that whereby a thing tends
to preferer Sc. it first; ander which comes that popular Divideo of Goods of Body, Mind, and Fortune: And 2° Bonum Cammunionis, whatever promotes the Interest, and
Welfare of Society; as all the Civil Odices Sc.

Goon, in Metaphyficks, or Metaphyfical Goon, call'd alfo Abplate, or Real Goon, and Good per fc, is the effential
Perfection of Integrity of a thing, whereby it has every thing
that belongs to its Nature. See Perfection.

In this Scofe all things that are, are \$Good \(\) in as much as they have the Perfections naturally belonging to things of chief Kind. Thus, a thinking Sublance is \$God, or perfect, as it has all the effectual Autobuses of Thought: So an extended Sublance is \$good, as is peffected all the Parts necessity to continue it light.

In effect, as it is abford to imagine a Being without its

Effence; so is it, to imagine a Being without the Requi-fites of its Effence: So that it appears an Error in some Phi-

losophers who divide Beings into Good, or Perfect; and somplers who divide Beings into Good, or Perfect; and Brul, or Imperfect. See Essance. Others define Metaphysical, or Transcendental Goodwegt, by Congruency with the Divine Will; as making that the Mediure of all real Goodweg.

Physical, or Natural Goon, is that whereby a thing pol-feffics all things necessary to its Bene effe, i.e. to its well Well-being, or second Perfection; and to the Performance of its Functions, and Ulcs.
In this Senfe Phylical Goodnell coincides with Phylical

Perfection. See Perfection. To this are required the feveral Powers, and Faculties in their proper Degree; a due Situation, Figure, Proportion, &c. of Parts.

Note, befide abfolute Physical Goodness, there may be a Relative one; as in Foods, which to one Man are Salutary, to another Polion, So. To this Head also belong Things Good

pro tempore, or according to Gircamstances; as the Ampu-tation of a mornified Limb, Ge. Moral, or Estical Goon, is the Agreement of a Think-

Moral, or Ethical Goon, is the Agreement of a Think-ing, reasonable Being, and of the Habits, Ada, and Inclina-tions thereof, with the Dictates of right Reason, and the Will of the Cesarr, as discovered by wateral Hight. In order to this, it is not enough that a thing done, faid, thought, Edward, be just, and good; but it must be done thought, See well, i.e. from good Principles, and to good

Others define Moral Good more largely. Moral, which

they also call Relative Good according to them, is fomething that is good to another, or that tends fomeway to the Per ection thereof. In this Senfe they divide it into three Kinds,

icition thereol. In this Senie they divide it into three Kinds, Honeflown, Yucandam, and Utile:

The first, Bonnus borneflom, is what agrees with right Reafon; and is defirable for it felt; as all things viruous; as to love God, respect our Parcons, &c. it is considered without any regard to Pleafure; not but that there is a fin-cere Pleafure annex'd to it. Zeno, and the Stoick; allow ofno other Goods; the Goods of Body, &c. they call Commeda,

no other Goods; the Goods of Hody, Sc. they call Lonimoda, Convenience, not Goods. See Structure.

Bomm jucundum, is that which is good, is is tends to give us Piceiture, and is defired for that reason; but without any Repugnancy to Virtue, or right Reason: As Music, to the Ears; Patning, to the Eyes, Sc.

Bonum utile, or commodum, is that which is good on account of fomething elfe for which it is defired; as Money, Riches, &c.

Chief, or Supreme Good, Summum Bonum; fee Sust-The Philefophers are divided as to what the Chief Good of

The Philelopares are ouvided as to what the times used what conflict in, whether in the Goods of Festime, of Body, or Mind. Some, hold kikhen, and the Oyrenis School, bodily Picaires; and others, as Zens, and the Stricks, Viruce. Sec Cyremine, Strone, S. & Commission of Marry, and Supremensor of the Stricks, Viruce. Good Works of Commission of Common Flace.

Goon Abearing, Bonus Geffus, in a Law Senfe, is parti-niarly used for an exact Carriage, or Behaviour of a Sub-ect towards the King, and his loge People; to which some Mon, upon their Misbehaviour, are bound.

He that is bound to this, Lambard fays, is more firitly bound than to the Peace; because whereas the Peace is not broken without an Affray, Battery, or fach like, this Surety De bows gefts may be ferfeited by the Number of a Mans (Company, or by his, or their Weapons, or Arms. See

Good-Behaviour; fcc Good Abearing.

Goons, Bona, in Law, and particularly the Civil Law, include all kinds of Effects, Riches, Poffetions. There are two Kinds of Goods; Moveable, res moventes,

mobiles; and Immoveable, res non moventes. See Move-ABLE, and Immoveable, res non moventes.

ABLE, and IMMOVEABLE. It is a Maxim in the Civil Jurifprudence, that he who con-ficates the Body, conficates the Goods; meaning that all the Effects of a Perion condenned to a capital Puniffurnic perpetual Baniffurent, are forfeited to the King. See Con-PISCATION

A Man is faid to bind himfelf Bady and Goods; meaning, that befide his Goods he obliges his Person, and submits to remain in Prison, provided he don't execute his Promise. Goods, again, are divided into Proper, Avita, Paterna, Hereditaria: Acquired, or Acquests, Alio quam bereditatis

FassonAt.
And liftly, into NoMe, or Free; and Servile, or Biole.
Glood belonging to the Domain of the Crown, ad Fiftem
Peclauria, cannot be alterated for ever a unite by way of
Exchange: They may be fold under the Faculty of perpending the Computer See Reinsmayers.

By Computer See Reinsmayers.

And which Husband is nor allowed to allerate. See

Vacant Goods, Vacantia, are those abandoned, or left at

either by reason the Heir renounces them, or that the Defunct has an Heir. See VAGANY.

Paraphernal Goods, Paraphernalia, are those which the

Parapherma (2005). Varaphermata, are time which use Wife five her Hubband to eight, on condition of withdraw-ing them when flie pleaks. See Paraprianalia.

Advantities Goods, Advantia, are time which arise otherwise than by Succession from Pather, or Mother; form dired Anocculius to Defendant. See Apvararyous.

Proceeditions Goods, Proceditia, are those arising by direft Succession. See Provectitious.

Recognitions Goods were those which the Wise might re-ferve the full Property of to her felf, and enjoy them inde-pendantly of her Husband; in diffinction from Dotal and GORDIAN, a Term in History.—The GORDIAN KNOT

was a Knot made in the Leathers, or Harness of the Chariot of Gordius, Father of Midas; so very intricate, that there was no feing where it began, or ended The Inhabitants had a Tradition, that the Oracle had de-clared that he should be Master of Asia who could untie this

clared that he amount be master of Affa who count until Mont. Amount of the Mont. Mercander having undertaken it, and feating that if he fhould not be able to effect it, it would be deem an ill Augury, and prove a Check in the way of his Conquefts, cut it almoder with his Swerd; and thus, tays Quinnus Carrists, cither accomplish'd, or cluded the Oracle. Some will have the Phrase derived from Gardins, King

of Physics, who tied the fatal Knots others, from Gordium, a City in Physics, where the Knot was made.—
GORE, in Heraldry, one of the

GORE, in Heraldry, one of the regular Abatements, ufed, according to Gwillim, to denote a Coward. See It confifts of two Arches, or Curve Lines, drawn, one from the Sinister Chief, the other from the Sinister Base, and meeting in an acute Angle in the middle of the Fess-Point; as in

GOREL, the Name, or Title given to the Prince of Ge-ergia.—The Gord is always a Mahometan: The Sophi of Perfia obliges him to observe the Religion of the Alcoran, preferve the Dignity of Gorel in his Family.

GORGE, a Franch Term, used for what in English we all the Throat, and the Latins Fauces. See Throat.

call the Threat, and the Latins Fauces. See Threat.

Gorer, in Falconry, is the uppermost Bag, or Stomach of a Hawk, or Falcon; being that which receives the Food the first. See HAWE

c hrit. See HAWE.

The Gorge, Ingluvies, is the fame in Birds of Prey with
hat we call the Grow, or Grop.

When the Bird is fed, he is faid to be gorged. See HAWKING.

HAWKING.
Gordo, in Architecture, a fort of contave Moulding,
wider, but not fo deep as a stotia; a led chiefly in Frames,
Chambranies, &c. See Seevila.
Gordo of a Chimney, is the Part between the Cham-

Gonor of a Commission of the Mantle.—Of this there are divers Forms, firaight, perpendicular, in form of a Bell, &c. Gonor is formetimes also used for a Moulding that is concave in the upper Part, and convex at Bottom; more properly called Gula, and Cymatium. See Gula, and Cyma

Gonga is also used for the Neck of a Column; more p perly called Collarino, and Gorgerin. See Gorgerin, &c.
Gorge, in Fortification, the Entrance of a Bastion; or of

Gores, in Fortification, the Entrance of a Battion; or of a Ravelin, or other Out-work. See Baryton, RAVELIN, E.G., The Gorge is what remains of the Sides of the Polygon of a Place, after retrenching the Cartains: In which cale it makes an Angle in the Centre of the Battion—Such is A H D Tab. Portification, Fig. 1.

In flat Battions, it is Right Lieu on the Cartain by which is the Cartain by which is the Cartain of the Cartain by which is the Cartain by whic

In fine Battiens, it is a Xight Line on the Cartain by which we camer either the Battien, or the Oat-works. It is allo the Aperture thro' which we enter, or the Interval between, the two Wings, or Flanks on the Side of the Dirth. All the Goyges are to be delitate of Parapetrs otherwife, the Befiegers having taken potelline of a Work, might make use the control of the Cartain of the Place: So that they are easy fortified with Falifiados, to prevent a

Half the Gorge, Demi Gorge, or That Part of the Po-

irre acquifita: And Compufits Fire & Usori flante feite.

Ingon between the Blank, and the Centre of the Billion, as fait again, into read and furflund Goods is fee Raxia, and Passonata.

Passonata.

GORGED, in Breildy, is when a Comp. Corect, at the like himse the or about the second of the Ballon of the Breildy of the Corect, Corect, at the like himse the or about the control of the Ballon In that case they say, the Lion, or Cygnet is gorged with a Jucal Coronet, Se.

Gorges is also used when the Gorge, or Neck of a Pez-

ock, Swan, or the like Bird is of a different Colour, or Metal from the reft. GORGED, among Farriers, &c. fignifies as much as

In this Sense they say, the Legs of a Horse are garged;

the patient Joint is gorged.
GORGERIN, a Part of the antient Armour; being that
which cover'd the Threat, or Neck of a Perfon arm'd at

Gorgerin, or Gorge, in Architecture, is the little Frieze in the Doric Capital, between the Aftragal at the Top of the Shaft of the Column, and the Annulets. See Doric

CAPITAL Some call it Colorino,-Virravius gives it the Name Hy-

Brackelium. Sec Hypotrachellum.
GOTHIC, or GOTHICK, fomething that has a relation to the Gothi, an antien People, originally inhabiting that Part of Sweden call'd Gabhand; whence they free ad them felves over Greece, Dahandia, Bulgaria, Italy, Sain, Sc. Thus we fay, Gothic Manner, Gothic Ignorance: The Ty-

Thus we fay, Gothic Namer, Golisi (guessine: The Tyman Massimin was of Gothic Race, Get.
Geernie Chroatfor, or Gothic Weinigs, is a Chatselber, or
have of Writing, suich, in the roads, is the firm with
have of Writing, suich, in the roads, is the firm with
free of the road of the roads of the control of the roads of the firm of the roads o

The Runie Characters are also frequently called Gathie Characters: Fa. Mabilton, De re Diplomat. L. I. C. II. But they who take the Gothic Characters to be the fame with the Runic, are missaken; as is shown by Ol. Wormin, Fu-nius in his Preface to the Gospels wrote in Gosbic Letters, and Dr. Hicks on the Runic Tongue. Sec RUNIC

GOTHIC Architecture, is that which deviates from the Proportions, Characters, &c. of the Antique. See Arent-TECTURE The Garbie Architecture is frequently very folid, heavy,

and maffive; and fometimes, on the contrary, exceedingly light, delicate, and rich. The Abundance of little, whimlight, delicate, and ren. The Abundance or artics, wanted fineal, imperiment Ornaments, are its most usual Character. Authors diffinguish two Kinds of Gabie. Architecture, the the one articut, the other Modern.—The Antient, is that which the Gabbs brought with them from the North, in the V16 Century: The Edifices built in this manner, were ex-

Va Century: The Editices built in this reamer, were ex-ceeding maffive, heavy, and coarfo.

Thole of the Modern Gubbe run into the other Extreme, being light, delicate, and rich to a Fault: Witness Woft-minfler Abby, the Catbedral of Liebfield, the Cross of Co-

minfter Ab The laft kind continued long in use, especially in Italy, viz. from the Xilith Century, to the Restauration of the an-tique Building in the XVIth. All the antient Cathedrals are in this kind. See Architecture

in this kind. See Aberhyrkeyurs.
The Inventors of the Gerbie Architecture thought, no doubt, they had far furpaid the Greek Architectur. A Greek Building has not a fingle (Ornament but what adds a Beautyto the Whole. The Para necesflay to fulfatin, of fielder, and the Common the West and the See and the S and reftraird to the Ule it is intended for. No daring, our off he way Strucks; nothing qualate to impole on the Eyer of the way Strucks; nothing qualate to impole on the Eyer grand of itself, the 'the whole he grand. On the contrary, in the Gethle Archicelacue, we he houge value startly of flender fliam, which one would expect every Minuse on flender fliam, which one would expect every Minuse on flender fliam, which one would expect every Minuse on flender fliam, which one would expect every Minuse to the flender fliam, in any round Filiar, in a Catible Building, climber tool thick, or too finallite its In Heights Minused, climber tool which, or too finallite its In Heights and

There are some found even of 20 Diameters high; without either Diminution, or Swelling. Sec PILLAR, DIMINU-TION, SWELLING, &c.

GOUD, or GAUD, or Wand, a Plant used by the Diers, to give a yellow Colour; and for this reason called in Latin, Lucola, of luceut, yellow. See Yellow.

to give a yellow colour; and for this reason cases in Learn, Lunch, of luncit, yellow. So Tiellow. This Plant is flow in a light Ground, in the Months of March, or Schember; and sirpe in June, or July. In hot Countries it is frequently dry enough when gather'd; but in the colder, care must be taken to dry it. Great Circumspe-dien to be used, that it be not gather'd before thorough rips. as also to prevent its getting wet, when gather'd. See Wonn-

The Generatment of the King's Heafindal belongs to the Lord Streams, See Strawarn, and Heuston. Our Chies, Corporations, and Boroughs are ufusilly governed by Mayors, with Aldermen, and Common Council-Mea. See Mayors, Albamana, Se. See also Cirry, See The King was called to the Geovernment of Longlomb, by the free Voices of the Parlithment, and the Poople-machine and Common Council Common Council Common Council Common Council Common Council C The East India Company nominate to the Government of

Fort St. George, &cc.

GOVERNMENT is also used for the City, Country, or Pla Govern assess it is the unit of the rot copy. Collabory, excluding year long which the Power was the size of Framer, divided inten latefore mugant. There are § 8 four-roment, or Provinces in that Kingolem, independant of each other. Befile the face, there is another Division into Government, called Grand Government, whereof there are twelve, with those of the like of France, Bargemdy, Normandy, Britisery, Princely, David, Spirit, and College, or with a form one but rather for many Calific of by its feveral Governor, but rather fo many Classes of Governors, or Governments, contrived for the better, and eafier regulating the Seats, &c. of so many Governors, Baillages, Prevotes, &c. as were obliged to affait at the holding of the General Estates .-

GOVERNMENT, again, is used for the manner, or Form

of governing, i. e. for the Policy of a Country, State, Se. See Law, and Potter.
In this Scale, Governments are divided into Monarchies, Artifocracies, and Democracies. See Monanchy, Ans-

STOCRACY, DEMOCRACY. The Government of France is Monerchie; that of Venice, Arifterratic; and that of the United Provinces, Democra-tic: The Government of England is both Monarchie, Ari-

floorasie, and Dentocratic all in one. GOVERNMENT, in Grammar, is noderflood of that Con-flruction of Noune, and Verbs, wherein they require fome Al-

struction of rouns, and verbs, wherein they require some Air-relation to be made in others, join'd or confirsted with them. See Construction, Noun, and Verbs. Confiruction is divided into two Parts, that of Concord; and that of Government, call'd also Regimen. See Cox-

The Rules, or Measures of Government, or Regimen, we under the Article Recimen.

GOVERNOUR, or GOVERNOUR, an Officer verted by a King or Soveraign Frince, with the Command and Administration of a Province, Piece, 15°2. See Governour being charged with Maladministration, was recalled, and brought ro

was required, and brought to all 1 trail.

A Government reprefers the King, and not only commands
the Gartilon, Troops, &c. but the Citizens, &c. A Goverworr of a fortified Place was antiently required to hold out
three Attacks, before he furrender'd.

three Attacks, beser he tarrenare a.—
Governova is alio frequently side for a Superintendant.
Thus we fay, The Governous of the Bank; the Governous and Directors of the South Sea Company; the Governous of a Hofstan, Ge. See Bank, Courany, Houstan, See.

GOUGE, an Inftrument used by divers Artificers; being a fort of round, hollow Chiffel; ferving to cut Holes, Channels, Grooves, &c. ie Wood, Stone, &c. See Chissel

nois, Grooves, Et. 10 Wood, Stone, St. Sc. Chissel.
GOUST, Gody, a French Term, for what the Italians
call Gefto, and we, Yaffe. Sec TASTS.
GOUT, ARTHRITIS, in Medicine, a painful Diffafe,
occasion is by a Flux of that Plumor, upon the Joints of

the Body. See DISEASE. Some Phylicians define the Goss, an Inflammation, Swelling, and Painfulnels of the Joints. Its prime Caufe is usually attributed to Wice, Vecery, Gluttony, and Idleness,

attributed to wide, vecery, crattory, and identify.

The Gout is imposed to artio from two Causes: A Redandancy of Humors, and a Weaknels of the Joints. Its proper Seat is in the Limbe; not in the Trunk of the Body: In the latter Case it frequently proves mortal, not in the

Mulgrave makes the Apoplexy a Gous, because arising from the Abundance of Pitairs, or Phiegm. According as this redundant Pitaita throws itself on the Langs, the Litens redundant rusus throws their on the Lang, the Li-ver, or any other Part, it makes, according to him, an Afo-plexy, a Gens of the Liver, of the Lung, of the Spleen, & The Gent is a Painful, Peroficial, and Christal Parceyfin, tending to free the Body of an officiality, or corroller Mat-tact, by threwing it mean the Exercinities, breathing it can infemily y or commissing it to as to reader it harmlefs, or sapable of circulating freely along with the Juices, till by col-

GOVERNMENT, or Governments, 2 Quality, or Olfee, which gives a Man Power, or Right, to command, or
life, the property of the Incredic and Decline of the Symptoms: Irregular, when the Parcoxyfins are frequent, and uncertains when the Symptoms wary, or happen promifenoully, and the Difeafe appears to be fested in the internal Parts of the Bedy 3 as the Stounach, Brain, 5%-leaving the extreme Parts, as the Hands, Fect, Sc. free from Pain According as different Parts are affected by this Diffem-

per, it goes by different Names: When it feizes the Feet, it is called Podagra; when the Knees, Gonagra; when the Hands, Chiragra; and when the Hip Joint, Sciatica, &c.

Sometimes it attacks the whole Body at the fame time, and then it is called the General, or Univerfal Gous. The Gont may be Hereditary, or Natural to the Confli-

The Gent may be thereastery, or Natural to the Conti-tution, proceeding from a toe goest Constriction of the Ca-pillary Veffels, whence the gauty Hunter is more call-dogde, or destinced in them. It may also preceed from High-living, Grapak's, and eating fach things as are hard to Digettion; a fedentary Life, donoling too freely of ret-tarous Wines; Irregalar Iving, Excel to Venery and fruited Perfuritation, and a Supprection of the natural Evs-The immediate Cause of the Gout appears to be an Al-

The immediate Casto of the Gast appears to be an Al-lading, or actionized software time the Joseph appearant James and James and James and James and James and to expedicit, or if not be repeated blands, which, fit is to expedicit, or if not be proceed in the Extremities (as ge-nerally happens in old Age); this laws one to rebote Para; and then produces the Irregular Gast.

"The Regalar, Acidy and immediately stiffes the Ten-dons, Nervey, Membranes, and Ligaments of the Richy, a-bout the joint—Secretions a cold inferring Expressed."

boat the Joints—Scientimes a cold Inverring Fit proceder, and generally a Fever accompanies, its first Appearance, which foon goes off, and returns by Intervals. A Hight Palin is left in the Joints, where the Criffs is performed, which increases gradually, and in the Foodages generally face and the transfer of the process of the Criffs and Market and the Criffs of the Criffs and Market and the Criffs of the Criffs and Market and Criffs irritating the Parts, caufes a violent Pain, not unlike to that irritating the Farts, cauces a voiced rain, not unite to that of a difficated Bone. When the Pain is a tis State, there appears an Inflammation, and a Swelling; both which increases and upon their Remiffion, the Paroxylin is ended: The 'the Tendemes and Swelling in Severe Fits, will fornettime remain a longer Time, and cause an Uncainest upon Motion.

It it observed, that Women, Children, and young Men, are seldom troubled with the Gotte, unless it be hereditary; are feldom troubled with the Gout, uniets it be hereditary; that it rarely attacks, before the Parient is 35, or 40 Years old, and fonetimes not till the Decline of Life; that the Corpulent are more fullyed to it, than those who are spare, and lean; that the Pain jocreases towards Night, and decreafes towards the Morning, that the longer the Interval be-tween the Paroxylms, the more fevere they prove, and the looger they genetally continue. The Difease usually returns twice a Year, viz. in the Spring,

and Autumn; and in the latter the Paroxylm is fometimes two or three Months, before it comes to a Period; the its Duration is fometimes not above three, or four Weeks.

tion is fometimes not above three, or loar Weeks.
These are called Cardinal Paracylins, to distinguish them
from others of lefs Duration, which happen between the
Spring and Anuma. The more high-solonyal the Urios,
and the lefs Sediment is deposites, the further is the Disease
from the State of Ouncollins, as it is termed. According to the
Violence and Continuance of the Fever, the Paracylin proves more or lefs fevere.

In Conftitutions much broke or fhatter'd with the Gost, In Conflictations much broke or flattered with the Gosts, there are utility flows, or challey Concertions form in the Joints of the Fingers, or Tees, and thence translated to the Victers; which sails in often attended with irregular, frequent, and there Taroxyfurs in the Extremities. In the Decline of Life, when the binal First of non happen; or if the gosts'y Matter be fiddenly repelled from the Extremities by an improper Regulence, or Medicines; it oftailly felicas the inimproper Regimen, or Medicines 3 to lotally feizes the in-ternal Parts, and frequently the Stomach, Head, Inteffises, 2%, Canfing Want of Appetite, Reaching to vomit, Indi-geffion, a Cachestis, the Janualice, Aftham, Diarnhars, and at laft, so obstracts the fine capillary, nervous Tubes (especially those of the Stomach, and Brain) as possibly to hinder the Flyao of the Animal Spirits: Upon which Death hinder the Flyao of the Animal Spirits: Upon which Death fuddenly enfues. Sydenbam gives us an accurate Hitlory of a Fit of the

Gout in the Feet it begins rowards the Clofe of January, or Beginning of February, without the least previous Notice, except, perhaps, a Crudity, or Apeply for fomoWeeks before, hand; with a fort of windy Intumeleence, and a Heaviness

of the Body, which continually increases, will as this, a 27-movium break out, being percoded, four Days, with a fort the Body of the Body of the Body of the Body of the Body the Body of the Body of the Body of the Body of the the Fifth of the Tinglin, with from Endeed by a Funccious. The Day before the Funcyin, this Appetite is very greecy; a many to re went (Mindgal), he is neadle by a funccious. The Body before the Funcyin, this Appetite is very greecy; and the Body of the Body of the Body of the Body of the Cell of the Lig, not still the Phin firt upon a Difficultie Cell of the Lig, not still the Phin firt upon a Difficultie found Appends to a Feerer. The Phin in the men time, which is first the one remain, gradually innecessary the found appendix to a Feerer. The Phin in the men time, which is first the appendix of the Tagminess of the Bone of the Tartis, and Mecratine's where I fenomenes of the Body and the Body of the Body of the Body of the of the Body and the Body of the Body of the Body of the of the Body and the Body of the Body of the Body of the of the Body of the Body of the Body of the Body of the of the Body of the Body of the Body of the Body of the of the Body of the of the Body of the of the Body of the of thefa Ligaments; fomerfimes the Bitting, or Grawling of 2 Day; is Squeezing, or Casarlino. Thus far the Part of 2 Day; is Squeezing, or Casarlino. Thus far the Part of the Weight of the Limes, nor even the Shaking of the the Weight of the Limes, nor even the Shaking of the Roem occasional by a Perfus's Spepting. Hence, a then-fault with Finderworm in our Entire, by Asinghing the Politzer of the Part of the P stile motival Matter being by this time tolerably digitated, or even diffused. The Pattlent, hereupon, drops a dieter, and at his Waking mich his Pains much abated, but the Part mostly foedfa. A few Days hence, the other Foot undergoes the time Fate: Sometimes, both are struck'd from the first. From the Time is fast field to both Logs, the Symptoms become more irregular, and preceives, both as to the Time of Invation, and the Duration theoreof. But this till holds,

become more strephint, and specurious, both as no the l'inter-tible that the Pain rection in the Neikya. An erient again in the Meming. A Series of thefe little, alternate Accello, 426. Memory of the Painter of the Painter of the Painter of the Meming. A Series of thefe little, alternate Accello, 426. Memory of the Painter of the Pai

mor, almost as big as an Egg, about the Elbows. &c.

It may be added, that where a Person has labour'd under the Goss for many Years; the Pain is fenfibly leffen'd each Paroxyfm, till at length it becomes rather an Uncafines than a Pain: Hence that Reflexion of the Great Sydenham, Do-LOR IN HOC MURBO AMARISSIMUM EST NATURE PHAR-

The Gout is rank'd among the Number of incurable Difeaits: In effect, we have no thoro', and affured Remedy yet differenced for it; these that now obtain are little more than Palliatives': They tend to affuage the Paiu, to dimi-

infilit for a time; but not to excirpate it.

Bleeding, and Purging are found abfolutely prejudicial; and Diaphoreticks of no Service. Beneticks, according to Piteairn, and Esmaller, may do good in the Eeginning of Pheterin, and Ermitter, may do good in the Expinning of the Dilacie. Bast, upon the whole, nothing, in dyfesteems Opinion, peares of more Service than Digiettres, or Medi-cate and Company of the Company of the Company of the Company of the Company. The Company of the American Service and Company. The Charlest Enthroads, the Joint's Bart's, and Amitochaticks: Their chiefly to be administed in the Intervals between the Passayims. All-grave, however, recommends internally Repellents, and principally Carticles y currently. Emplates of Gene. Co-reas. or Opportung on the Company of the Company of the principal Carticles or currently. Emplates of Gene. Co-reas. or Opportung on the Company of the Company of the Passay of the Company of the Company of the Company of the first, that Repellents do more learn than goods and elevfirms, that Repellents do more harm than good; and gives

firms, that Repelletut do more harm than good, and gives an the following Reclipe, as more than equal to all others. R.; Confell, bunnels, 33, Pulo, Falab, 3, B., extrali. Tri-fol, fibrius, 31; Lithory, and 7, 30; Sape Antinums, 33, Sacehar, Cauth. 3 v). Ol. Olivor, a. s. Cere & Plais parum f. s. a. An Impédier to be laid on the Joint affected, till the Pain, and the morbid Matter be driven away—

GRABATARH, or GRADDATARH, in Church Anti-quity, were such Persons as defer'd the receiving of Baprifin, to the Hour of Death ; or, who did not receive it till they were dangerously ill, and out of Hopes of Life: From an Opinion, that Baptifin abfolutely wash'd away all former Sins. See Bartish.

The Word is form'd of the Latin Grabatum, Bed; and

that from the Greek Yestalo, a Hanging bed, of Assuals, to fulpend: Such was the Eed of Slaves, poor People, Conic Philosophers, Sc. who were Enemies of Lexury and

GRACE, in Theology, any Gift which God makes to Man, of his own free Liberality, and without their having deferred it at his Hands; whether such Gift regard the pre-

fent, or a future Life .fem, o a funer Life— Grave is utility divided into Natural, and Sujernatural. By Natural Grave is underfitted the Gift of Belin, of Life, of the sind such feedback, of beforehood, off. So. Grave, of the sind such feedback, of the Sections, off. So. Life, it Gratis Die et al. 1998. The sind sind sind sind sind sind Grave of God, that Angels, and Limans Sools are immen-tal; that Nan has fee Will, Gr. Sujernatural Grave, is a Gift from above confer'd on in-Sujernatural Grave, is a Gift from above confer'd on in-Signal Section of the Sujernatural Grave, is a Gift from above confer'd on in-Signal Section (Insert Section Secti

for the Conveyance, Improvement, and Strengthenin these that the Sacraments are conferd, the Ministry of thening of

these that the Sacraments are conject of the summing with word infiltrated, &c. See Sacraments, Rec. The Divines diffinguish this Grace into Habitual, and A-Hand, Fadifying, and Sacraffying, — Habitual Graces, is that which redder flatedly in us 1 is \$1.00 for the Sacrament S fix'd in the Soul, and remains till fome grievous, wilful Sin

This is also called Justifying Grace, as it makes us appear rightons and innocent before God: And Santifying Grace, as it makes us holy, and devoted to God. See Justifica-

TION, and SANCTIFICATION Actual Grack, is that which God gives us for the spe-cial Performance of some particular Good thing; as to con-vert us, chable us to relist a Temptation, &c.—

This, the Divines fubdivide into divers Kinds: Prevent-

ing, Concomitant, and Subfiguent Grace.

It is an Article of Faith, 10 That Actual Grace is necesfary for the beginning, carrying on, and finishing every good Work. 2° That the Will is able to refist this Grace, and

rejoct it. See Will. And hence this Grace becomes further divided into Effi-And sence this grace becomes unfiner divided into Ligi-cocions, and Sufficient.—It is Efficacions, or Efficient, when it has the Effect's and Sufficient, when it has it not, the's it might have bad it. See Berteckness, and Supreclass. Some of the more rigid Calumifat, &c. admit a Needfi-tating Grace. Sec Calvinisty, Parabearinarium, Rz-

PROBATION, &cc. We also say, the Law of Grace; the Covenant of Grace, in opposition to the Mosaic Law, &c. See Law; see also

REVELATION, &c.

NEVELATION, 60:

Days of Gaace, or Fowers, are a certain Number of Days, allow'd for the Fayment of a Bill of Exchange, after the fame becomes due. See Day's of Front.

The Days of Grace in England are 3, at Rome 5, at Rosterdom, 6; at Paris, 10; at Hamburg, 11; at Anti-

verf. 14.
Aft of Grace, is an Aft of Parliament for the Relief of infolvent Debtors in the feveral Prilons; by clearing fuch as are qualified, or come within the Terms of the fame, from

sare qualitied, or come within the Terms of the fame, from all telle former, Debts, QS. Come, T. Sare, see the firms with what we otherwise call Precedition, Ease, see the firms of the Comment of the C

The English Archbittops tay, By Drowne virdee, or Mi-vine Providence. See Ancensions, 65c. All Soveraiges now we the Philase Grace of God, Emperors, Kings, Princes, 55c. Antiently Dukes, Counts, and even Lords talk'd in the fame Style: In the new Collection of Fa. Martene we meet with a mere Seigneur qualified by the Grace of God Seigneur de Comborn. Louis XI, forbad the Duke of Brittany to entitle himself by the Grace of God.
GRACE is also a Title of Dignity, attributed to Princes

of inferior Rank, and who are not qualified for that of Highness. See Title.

agli. See I tvil.

Till the Time of King James I. the Kings of England
Till the Time of Grace, as they now are
under that of Majelfy. See Majerty, King, George
Our English Dukes and Archbishops are adderfal; to and
on the Tille of Grace. But that I'llie is most frequent in
Upper Germany, and particularly Johnst a, where it's bore
y to the Rose, as being infector to the of Excellence. See

OBALITY, EXCELLENCE, &c.
GRACES, Graties, Charites, in the Heathen Theology,
were a Set of fabulous Deities, three in Number, who at-

tended on Venus. See Gop.

Their Names are, Agiaia, Thalia, and Emphrofyne; and they are supposed to be the Daughters of Jupiter. Vossia de Idolol. L. XIII. c. XV. Some will have the Graces to have been four, and make

them the same with the Hore, Hours, or rather with the

them the name with the Thore, robust, or racine with the four Seafons of the Year, Sec Houras, Sec.

A Marbie in the King of Profile's Cabine reprefents the three Grater in the ulual manner, with a fourth, feated, and cover'd with a large Vell, with the Words undermeath, AD SOR ORES IIII. Yet Monf. Beger will not allow the Grater to have been four: The Company there prefent, he under-

to have been four: The Company there pretent, he under-flands to be the three Grasest, and Fennix, who was their Si-fier, as being Daughter of Justice and Dione.

They were always luppoded to have hold of each other's Hands, and never parted. They were painted asked, to flow that the Strate borrow mothing from Art, and that they

have no other Beauties but what are natural.

have no other Besuites but what are natural.
Yet, in the firl Ages, they were not reprefented naked, as appears from Panjanias L.V.I. and L.IX. who deferibes their Temple, and Statuse. They were of Wood, all but their Head, Feet, and Hands, which were white Marblet-Their Robe, or Gown was gilt: One of them held in her Hand a Rofe, another a Dye, and the other a Sprig of Myrtle.

The Poets feign the Graces to have been very small of
Stature; to intimate that the Things which charm, and

delight us, are frequently little Matters; as, a Gellure,

delight as, are frequently little Matters; as, acctuars, a Laugh, a careleis Air, or the like.

GR AGLEIS, in Anatomy, a Mufele of the Leg, thus called from its flender Shape. See Luc.

It arifies partly tendinous, and partly fieldly, from the Os Pabis internally, between the first and fecond Heads of the Triceps; and in its Defent in the Inside of the Thigh, grows narrow, and becomes tendineus a little below the Su-torius, and is thus inferred into the Tibia. It affifteth in bringing the Thigh and Leg inwards. It amifeth in bringing the Thigh and Leg inwards.

GRADATION, the Act of afcending, Step by Step, to any Pitch, or Eminence: From the Latin Gradus, Degree

any Pitch, or Eministre Front to Step See DEGREE.

GRADATION, in Rheteric, is when a Series of Proofs is brought, rifing by degrees, and emproving each on the other. See CLIMAN. GRADATION, in Logic, is an Argumentation confifting of four, or more Propolitions, to dispoled, as that the Attribute of the first is the Subject of the feecond; and the Attribute of the feecond, the Subject of the thrid; and to on, till the Last Attribute come to be predicated of the Subject of the

first Prop

As, in Peopleyries Tree: Man is an Animal; an Animal is a living Thing; a living Thing is a Body; a Body is a Substance: Therefore Man is a Substance. An Argument of this kind is liable to a world of Fallacies

both from the Ambiguity of Words, and Things: E. gr.

Peser is a Man; Man is an Animal; Animal is a Genus;
Genus is an Univerfal; therefore Peser is an Univerfal. GRADATION, in Chymility, is a kind of Process belong-ing to Metals—It comfits in raifing, or exaking them to a higher Degree of Purity, and Goodness, so as both to in-crease their Weight, Colour, Confittence, Sc. See Metals,

TRANSMUTATION, &c.

TARASSETATION, OCC.

GRAPATION, in Architecture, fignifies an artful Disposition of feveral Parts, as it were, by Steep, or Degrees, after the manner of an Amphitheater; is that whole placed before, do no Differtice, but rather Service to these behind. The Pinters at low the two Gradation for an incondible Change of Colour, by the Diminution of the Teints, and Steep Colours and the Colours of the Colours of the Colours of the Colours of the Colours and Colours of the Colours and Colours of the Colours and Colours of the Colou See DEGRADATION.

GRADUAL, GRADUALE, was antiently a Church-book, containing divers Prayers, rehearfed, or fung after the Epifile. In form of our antient Writers 'tis read Graile, Gra-

dutele, Sec.

After reading the Epitlle, the Chanter afconded the Ambo with his Gradual, and rehease'd the Prayers, Sec. therein; heing unfwerd by the Choir: Whence the Name Gradual, on account of the Steps, or Degrees of the Ambo. Sec AMEO.

See Auso. Grabeth the Name Grabuth fall resulted in the Zeongh Chareth, the Name Grabuth is fill resulted an interference of the Patient, and the anietary reheard on the Steps of the Altas: The Uggines ancher Acount, and frys: It took in Denomination Graduals, because fung in a gradual Afects from Note to None. Anger's pleast differently fall, and will have it to the Altas to the Altas and the Acount and the

the Steps to the Pulpit, to fing the Gospel.

Grandlas, Grandlas, State applied to the fifteen
Pfalms fung, among the Hebreus, on the fifteen Steps of the
Temple.—Others are of Opinion they were thus denominated, because the Singers raised their Voice by degrees,

from the first to the last

from the first to the latt.

Cardinal Bona, in his Treatife of Divine Pfalmody, fays,
The fifteen gradual Pfalms are intended to represent to the Mind, that we only arrive at the Perfection of Goodness er Holiness, by degrees: He goes on to lay down the fifteen

Degrees of Virtue, corresponding to the 13 Plaims; five of them are for Beginners; five for Proficients; and the reft GRADUATE, a Person who has the Degrees in any Fa-

Sec DEGREE, & A Graduate in Physic, in Divinity, &c. Sco FAGULTY,

Docton, &c. In France, one Third of the Benefices of the Kingdom

In France, one Third of the Benefices of the Kingdom are affected to Graduates, via. all that become vacant in the Months of January, and July; April, and Offober. This Privilege of Graduates is no older than the fifteenth Century; It being observed that Men of Learning were much

neglected by the Collators, and Patrons of Churches, Complaint therefore was made to the Council of Baffl, where this Decree was made, which was afterwards confirm'd by the Pragmatic Sanction, and again by the Concordat. See PRAGMATIC, SA.
GRADUATION, is used in Mathematicks, for the Ast

of Graduating, or dividing any thing into Degrees. See

DEGREE, Graduation of this Quadrant, Theodolite, or the like, is very juft, and clean. See QUADRANT, THEODOLITE, &c. GRAFT, in Agriculture and Gardening, a little Shoot,

Cyon, Bud, or Eye of a Tree, inferred into another Tree, to make it yield Fruit of the fame Nature, and Kind as those of the Tree whence the Graff is taken. See Bun, Cron, EYE, &cc.

Evr., Sec.
Or, Graft, is a little Portion of a Tree, inclosed in a Cleft,
or Incifion made in another, in order to correct, qualify, or
improve the Table of its Fruit; or even to make it bear a
different Sort of Fruit. See Engraphics for all Fruit;
Tarr., Spore, fix.
The Word is form of the Prench Graffe, which figuities the fame thing; and Greffe, in this Sente, is supposed to have been derived from the Resemblance the Short bore to the Point of a Penknife, which was antiently called Greffe. Cange goes further, and derives the antient Greffe from Gra-

phiotam; Menage, from Graphiam, a Latin Word, fignify-ing a little Style, or Iron Bodkin, one End whereof was pointed, and ferred to write withal on Waxen Tablets; and

the other flat, ferving to effice, or rub out what was wrote-GRAPTING, or GRAFFING, or INGRAFTING, in Agri-

The Kingdom of Heaven is compared to a Grain of Mu-

flard Seed.

STATE SOCIAL STREET GENERALLY MED for any Fruit, or Seed growing in a Spice, or Far. See SPICA.

In this Senic Grain comprehends all ferts of Corn; as Wheat, Ryc, Barley, Oats, &c. See Coan.

Grain is allo a finall weight, mid in effinating divers Subblances. See Wheat, and the Spice See Coan.

Sabblances. See Western:

The Grais is the finallicit of all the Weights known in England—It is taken from the Weight of a Graise of Wheat, agashed out of the Middle of the Ear, and well dried. 14 Graiss make a Penny-weight, and 10 Penny-weight once. See Prassy-Weight, and Ouser.

The Grais is a Troy Weight, and side in the weighing Gold, Silver, Jewels, Diraca, and Liquora. See Thor

Mesgon.

Among the Actionts, the Grain was the foarth Part of
the Silipan, or twelfth of the Obelas, and the 2xd of the
Drachma. It comprehended a Lens and an half. See St-Liqua, Obolus, Sec.
Fermelins L. IV. c. 6. Method. Medend. affirms it as a

Ferration L. IV. 6.6. Merbol. Medend. affirms it 5.9 in hing known and certain, that the Grazia is of the Lune White known and certain, that the Grazia is of the Lune Grazia, which Sauthier had Gund to be the Weight of a Philip of Gold, only amount to 1342 English Grazia. And the Most Peraturb has compated the Friends Grazia to be left than the English 5 and yet bigger than the Dutch: To a 18 to 18

the English, it is as 178 to 154\(\frac{1}{2}\) and to that of Halland,
at 318 to 177, do 18 by the Appelences, is the fines which
that of the Collifinitist, the high ranke at Difference in the
Weigher airld therefron. Thus, a Ordinzi, with them,
make a Scrupk; 3 1 8 Semples, a Dockim, 3 1 8 Druchms,
no Doces, 5, 5, 6c. 5c. De Lacati, S. 4 servire, 8c.
to 200 and 200 and 200 and 200 and 200 and 200 and
to 300 and 300 and 300 and 300 and
to 300 and 300 and 300 and
to 300 and 300 and 300 and
to 300 and 300 and
to 300 and 300 and
to 300

and SHAGREEN.
In fome Marble, the Grain is very fine; in others coarfer.

Sco MARPLE, STONE, &c.

Steel is known by its Grain, which is much finer than that Iron. See Sterl, and Iron. GRAINING - BOARD, is a Board used by the Curriers, of Iron.

GRAINING - BOARD, IS A BORTO USED BY THE VARIANCE IN GIVE the Grain to their Learner See Curanty 100. It is made with Torth, or Nitches running quite s-refs; into which, the 60ft, moistend, lapped Learner leng prefs 4, in Surface readily takes the impedition—See Learner. Grain Computer Comp

feued an Army See Crown.

The Graffy Crown was but rarely confer'd; and for fome fignal Exploit; when, thro' the Courage, or Dexterity of a General, an Army reduc'd to the last Extremities had been General, an army reduced to the latt extremities has designed, or delivered, and the Enemy put to flight.

GRAMINEOUS Herbs, among Botanitis, are fuch as have a long, narrow Leaf, and no Foot flatk. See PLANT.

GRAMMAR, the Art of Footking rightly; that is, of exprecting one's Thoughts, by Signs mutually agreed on for

The Signs, here found most convenient, are articulate Sounds; but, as these are transient, others have been in-

wented more permanent, one. Grammata, yeinus, Let-ters, whence the Name Grammar. See Voice, and Ler-

Grammar is more accurately defined, after Mr. Johnson, the Art of expressing the Relations of Things in Construction, with due Quantity in fpeaking, and Orthography in writing, according to the Cultom of those whose Language we learn. See LANGUAGE

Grammar is divided by fome Authors, into four Parts,

Grømmer is divided by fome Authors, into tour ratus, Orthography, Profide, Erymdogs, and Syntas. Sec On-THOGRAPHY, PROSENY, Erymdogov, and Syntas. Sec On-THOGRAPHY, PROSENY, Erymdogov, and Syntas. Others child to divide it finemewhat more obviously, into the Dolfrine of Latters, or Spends, which coincides with the Dolfrine of Latters, or Spends, which recent, Time, Sc. which falls in with Proficely 3 that of Words, their Kinds, Derivations, Charger, Analogy, &c. which amounts to Etymology; and that of Sentences, which confides the placing, or joining of Woods together, called Synax. See Letter, Word, Stlander, and Sentence.

The chief Buincis of Grammar is to decline, conjugate,

The chief Business of Grammar is to decline, conjugate, construct, and spell Nouns, Verbs, and other Parts of Speech. It teaches the Propriety, and natural Force of each Part of Discourse; and the Reason of all Expections used therein. See December 10, Noun, Construction, Noun,

VERB, SPEECH.

VREN, SPERCH.
Some have called Grammar the Door, or Gate of the
Arts and Sciences; by reason none of these are attainable,
but by means herrod. Grammar, according to Quintilinas,
is that to Eloquence, which the Foundation is to the Building: They who despito it, as only dealing in low, trivial
Things, are exceedingly militaken: It has, reality, more So-Things, are excellidity than Show.

The Authors of the Art of Thinking confider Grammar, as not lefs necessary to try, and exercise the Abilities of the most Knowing, than to form the Minds of Beginners: The Advantages of Grammar are well fet forth by Perizonius, in the Preface of his Edition of Sanctius's Mineroa, Amfterd.

See GRAMMARIAN. Diogenes Laertius relates, after one Hermippus, that E-

Disgonnt Lactius relates, after one Berningins, unatpierariu was the fift that gave the Rules of Grammar for
the Greek Tongase, but that Plato was the fift who had
taken the thing into Confidention, and even made form
Difforeite on that Sahjelt.

At Rems, Craces of Malanum in a Juffin, cocmposiny
with Arifarchus, give the first Lechiest thereon to the Remann, during the Time of his being Embitthdure for King
mann, during the Time of his being Embitthdure for King

unner, dening the Îlme of his being Embistidate for King Mittalin, to the Commowealth, between the feecal and third Panie Wars, from after Emissir Eberth. Before him, it was not known as Renne what Grammar mentat. Pupples Figgl Din town, Rev. Renne his a Grammar mentat. Pupples to the Common for the Common for the Common for the control Principles, and Nevision which it becomes from Philo-Rophy to explain the Order and Manner wherein we expect our flexes by Words' Ben, a cast In panage has in pirat-cular Tunn, in feveral Character, and Genna, different experimental and the Common for the General Common for the Common for the Common for the Common for General Common for the Common for the Common for the Common for General Common for the Common f arife as many Grammars, as Languages.—An Example will fuffice to fhew this: We fay in English, Draw a stratt Line, not, a Line strait: In French, they say, tirer ligne droite, a Line strait, not droite ligne, a strait Line: And in Laten there is a Liberty to say it either the one way, or the other, reflam lineam, or lineam reflam, dueere. And in Latin
Language which in the Phrafe, above mentioned follows the
fame Apalogy, as the English; it differs from it on a hunthene Paragraphic states of the Phrafe Control of the Paragraphic
than the Paragraphic states of the Paragr

Hence Dr. Wallis juftly finds Fault with our English Grammarians, where he says, that all of them forcing our English Tongue too much to the Latin Method, have deliver'd maeless Things concerning Cases, Genders, and Declen-

fions of Nouns; Tenfes, Moods, and Conjugations of Verbs; as also the Government of Nouns and Verbs, which our

as allo the Government of Pouns and Veros, when our Language has nothing to do with. See English, Cass., Declession, Gender, Mood, &c. Grammar is also used for a Book containing the Rules of Grammar which obtain in any Language. See Lan-

OUAGE.

The antion: Grammars, are 3 for the Habress, that of Rabbi Judai Ching, which is commonly held the first Habress Grammar that appeared 3 the 1st is extrain. Rabbi Judai Engagen, who lived before Rabbi Juda, composit two Works in the fame kind, one, expertly of Grammar, and the other, of the Elegances of the Habress Tongue. See HERREW, &cc.

FIREREW, Sc.
For the Greek, the oldest Grammar is that of Gaza:
The Latin ones, are the Works of Mariannu Gapella, Prylcian, and Algonius Pediannus. See Gaxue, Sc.
The bestort he modern Grammars, are 1° For the Hebryew,
that of Demangue, the Belling of the Newson of Powers of

that of Pognisus, the Edition of Hen. Stevens, or le Preux at Geneva, in 1592; that of Perrus Martinius at Rockel 1592; that of Bustorf; that of Ludovicus Deus, in three Languages; that of Sixtinus Amona, which is a Collection from

that or principy; than the Assembly and the Collection from good that of claims, and that the Collection from good that the Collection of the Collection of the Collection of the Collection of Assembly, that of F. a. Agention or addit for Beginners.

A for the Calaction, the best a temporary of Assembly, and Land. Deriv, the Cel. Assembly, Aspectacy, Viginary, the Cel. Assembly, Aspectacy, Viginary, the Cel. Assembly, Aspectacy, Viginary, the Cel. Assembly, and the Collection of Assembly, and the Cel. Assembly, and the Cel. Assembly, and Ce

A ybraca Refituate of Kipener, See Corrio.

'Y For the Arabe, that of Eepenus, and that of Gelius, which is only Erpenus's a little augmented. See An Able.

'Y For the Ethiopic, that of J. Luddybus.

'P For the Perfuse, that of Ludd. Dent.

'E To the Augment the Gold Schweder and Galants.

7º For the Perfina, that of Lud. Drui, 8º For the Armenian, thole of Sebrader, and Galanus. 9º For the Greek, thole of Marx. Rulandau, Silburgini, Pa. Meepuel, Voffini, Muly, and Port Reyal. 10° For the Latin, thole of Defipatior, the Minerys of Smilling, thole of Voffini, and that of Park Reyal, which is-

only a Collection from the reft.

11° For the Italian, those of Berger, Lanfredini, Port

Royal, and Voneroni 12º For the Spanifb, those of Salazar, Port Royal, the Abbot de Verac, &c.

13° For the Pertugue's, that of Persyra. 14° For the French, those of the Abbe Regnier, and Fa. Buffier.:

15° Fot the High Dutch, those of Heim, Clains, Hertz, r, and Leopold. Lastly, 16° For the English, those of Wallis, Brightlan, and

GRAMMARIAN, GRAMMATIONS, a Person well verfed, in Grammar, or who teaches Grammar.

GRAMMAR.

The Denomination Grammarian, is, like that of Critic,
The Denomination Grammarian, is, like that of Critic,
now frequently used as a Term of Represent A mere
Grammarian, A dry, ploading Grammarian, ce. The
Grammarian is conceived as a Person wholly attentive to the Minimis of Language; indultrically employed about World, and Prasles; incapable of perceiving the Beauties, the Delicacy, Finelle, Extent, 85c, of a Sentiment, See Pranar. Sealiger, however, condicted Grammariant in another Light. Gramm effent, is a sentiment of the month of the month of the Minimis of th

GRAMMAR.

Grammatican.—
The Thic Grammarian, 'di certila, was antiently a Tite of Honous pieng givenou only to fact has applied themi-cieva to Grammar, or excelled in Eloudopy, but no illusty
the total control of the Control of the Control
The Word was properly a Title of Literature and Ergalicia,
and frequently given to Perfons who excelled in all, or
many fact, civil and Delphipters. So Pervisirons—
Thus, Photpermy, a finesse ThirleSpher in Applicators
Links, Photpermy, and Control of the Control
Links, Photpermy, and Control of the Control
Links, Photpermy, and Control
Link

Time, remarkable for the Except, and Variety of his Knowledge, was irramed Grammetizus, as appears from Prisonal Library, 80 Saco, the Zhenfo Hilbertas, in the XLIII-bett Vers 1;89 Thomas & Lower, a celebrated Narpatita Lawyer, was farmanced the Grammerian.

The Title Grammerian was antonic ybellowed on thole we now call Criticks, Men of Learning, kradition, Letter, Oct. and porticularly facts a vorce weel, and policity in creay Oct.

nd. See Carriers.
Tis in this Sense that Suctonius entiries his Book which This in this Senile that Suctionity entities his Book which he wrete on the belt Latin Authors, Of the Celebrated Grammarians; and that Cornelius Nepot calls the Commen-rators on the Orators, and Poets, Grammarian; i and Iailly, 'its in this Senile the Word is attributed by the Antients to

Tis in this Sente the vone.

Apion, Philoponus, and Solinus.

* Y y

The most celebrated Grammarians of the H³ Century, were Aper, Pollio, Eurychius, Proculus, Albemens, Jus-lius Pollus, Macrobius, and Autor Gellius: The Works of these last Authors, are an Astemblage of Abundance of very different Thomas and Sci. 10. different Things, and Subjects, relating to the Criticism of the antient Writers, and the polite Literature.

If the Name have lost its anrient Effect, 'tis thro' the Fault of those who have assumed it; by treating of Grammar

Fault of thole who have attemed it; by treating or Grammar in a low, Pedantic, Dogmatic manner; reducing it to Words and Syllables; and dwelling altogether on triffing, puritie Remarks, and Cenfures: Whereas its proper Office is to make an accurate, and thore Examen of an Author; to en-

rer into all his Views, to point out the Beauties, and the De-fects thereof; to diffinguish the true Beauties from the falfe; and the genuine Productions of an Author, from the Suppolitious: That is, a Grammagian was then, what we call a Those who only taught to read, understand, and ex-

Authors, were called Grammatifts, Grammatiftes; in Con-tradification from Grammatic : tho', in course of Time, the Grammatifts have role into the Place of Grammatici; who

Granmatijs have role into the l'iace of Granmaties who are preferi do that of O'iliti. Sec Chityticis. Granmaties Granmaties of Granmaties Gran ANGLICISM, GALLICISM, &c.

Such a Phrase is not Grammatically just a 'tis an Idiom.

GRANADO, or GRANADA, or GRENADA, in the Military Art, a hollow Ball, or Shell, of Iron, Brass, or even Glass, or Potters Earth, filled with Gunpowder, and fitted on a rute to give it Fire.

Of these there are two kinds, the one large, the other small: The first to be thrown at the Enemy by a Mortar, properly call'd Bombs. See Boser.

The latter to be cast with the see.

nated Hand Grane

nated transact remains. Giffuir, indeed, makes another Diffuifiling, indeed, makes another Diffuifiling, makes, the Ball, or Shell is round, whatever the Size be, he calls it a Granado, and where, Oval, or Cyfindrical, a Romb: But Custom allows only the former Division. The bett way, Coffinire observes, to fecure a Man's felf from the Effect of a Granada, is, to lie flat down on the Ground, before it burth.

Historians relate, that at the Siege of Oftend there we

above fifty thousand Granado's thrown in one Month into the City 5 and that the Citizens threw above twenty thousand

Giry and that the Citizens threw above twenty thouland into the Warks of the Befingers. It is a little, buller Bull The Common, or Hand formed it is little, buller Bull The Common, or Hand formed it is little with those Powler. Eighted with a Packs, and thus thrown with the Island smong the Econy's Bastallion, Trenches, Polts, 26°. Their Composition is the time with that of Bombas, which feet—"let Size, they are ultually about the Biggain of which feet and the Biggain of the Biggain of the menform, they are common in Thickages one eighth, one

an Iron Bullet, and weigh about three Pounds: As to Di-mentions, they are common in Thickness one eighth, one Ordice about ", wide, as preferibed by Gafferia". Thansato observe that the first line Grandely were oled, was at the Siege of Whebstradench, a Town near Ginelete, was at the Siege of Whebstradench, a Town near Ginelete, making an Experiment of the Effich thereof, coacine of two thirds of that Chry to be baunt; the Fire being kindled by the Rail of a Grandench.

Bombs: were known long before the Invention of Gra-

Bonds: were known long perfore the invention of ormade's. See Montar.

The Antients had a fort of Olle, or Fire pots, formewhat of the fame Nature with our Gromade's, but left perfect.

Cafinir mentions a fort of Blind Granade's, without any

Sec POMORANATE. GRANADIER, or GRENADIER, or GRANADEER, a Sol-dier who carries a Pouch full of Hand Granado's to be

thrown among the Enemy. See Granados, to be thrown among the Enemy. See Granados, and Horfe Granadiers, or Granadiers of Horfe, who march at the Head

Granamers, or transfasers or more, who macco at the mean of the King's Guards.

To each Troop of Horfe Guards there is added by Eiths. Thomast art Troop of Granadiers, confilling of 64 Men, be-fide Officers commanded by the Captain of the Troop of Guards. See GUARDS.

One Division of Granadiers mounts with a Division of the Troop; go out on small Parties from the Guard; per-orm Centinels, Duty, Se. The Pay of the private Granadiers is 2 5.6 d. per Day. GRANARY, A Place to lay, or store Corn in, particu-larly for keeping. See Corn.

Sir Hen. Worten advices to make it look towards the North, as much as may be; because that Quarter is most cool and temperate. Mr. Worldge observes, that the best Granaries are built

of Brick, with Quarters of Timber wrought in the Infide, whereto to nail the Boards, with which the Infide of the Granary mat be fined to close to the Bricks, that there be no Room for Vermine to shelter themselves. There may

be many Stories one above another, and let them be near

be many stores one above another, and let them be near the one to the other 5 for the faillower Corn licht, the bet-ret, and it is the easier runned. Some have had two Gramerist, the one shows the other, and filled the upper with Wheat, or other Corn: This up-per one had a small floid in the Foor by which the Corn deteended into the lower one, like the Sand in an House Classic and when it was all come down into the lower Gramary, it was then carried up again into the upper one; and fo it was kept continually in Motion: Which is a great Preferration to the Corn. See further in the Article Gunn.

A large Granary, full of square wooden Pipes, may keep Corn from heating

Corn from heating.

GRANATH, a Gem, or pretious Stone, of a high, red
Colour; thus called from the Refemblance it bears to that
of the Kernel of a Pomgranate. See Pracrous Stone.

Granates are either Oriental, or Occidental: The first are

brought from divers Parts of the East Indies; the fecond from Spain, Bobenia, and Silesia.— Thele, from the East, are diffinguish'd by their Colour

Their, from the rait, are dillinguished by most women mon three Kinds: The fifth of a deep, brownish Red, like black clotted Blond; of which Kind there are some as big as an Hea's Egg: The fectord, are nearly of the Colour of a Hyaciath, with which it were easly to confound them, but for their luperior Redenés. The left, having a Mixtare of Violet with their Red, are called by the Italians, Rubini della Rocha. See Runy.

The Occidental Granates are of divers Reds, according to the Places they are found in. Those of Spain, imitate the Colour of the Kernel of a Pomgranate: Those of Bohemia have a golden Cast with their Red, glittering like a live Coal: Those of Silosia are the darkest of all, and sel-

om thoroughly transparent.

Of the Occidental Granates, those of Bohemia are the most valued: Some even give them the Preference over the Oriental Kind. They are found near Progue; not in any

particular Mines, but are pick'd up by Peafants in the Fields, from among the Sands, and Pebbles. The Granate is of four Ufe in Medicine: Its Powder is founctimes an Ingredient in the Cordial Electuaries. The Antients held it excellent against Heaviness and Mclancholy.
GRAND, a Term rather French, than Engils, though used on many Occasions in our Language. It has the same

Import with Great; being form'd of the Latin Grandis .-In this Senfe we fay, The Grand Master of an Order; to Grand Master of Malta; of the Free Masons, &c. See

MALTA, and MASON. So alfo we fay, the Grand Vifler, the Grand Signier, &c.
Se e Visita, and Stenson, &c.
Grand Father, Grand Mother, &c. See Parentaer,

DESCENT, DEGREE, CONSANGUINITY, &c. In the French Polity and Customs, are divers Officers thus denominated, which we frequently retain in English; as

Grand Amoner, Grand Ecoper, Grand Chambellan, Grand Grand Simone, Grand Euger, Grand Commentan, various Pyers, Sc., Pyers, Sc., De Grand Grand, Stude, the Grand Grand Stude, the Grand Stude, the Grand Grand Stude, the Grand Stude, Grand

lity, for the Extent is very great; to thereby the about is commanded, Quod diffingna tenentem, it a quod iffe nec aliquis fer ifform ad ea mannin appear, donce babuerit earlied preception; 25 quod de exitibus cormadem publi reflorades, G quod babuest corpus eigs, &c. Sc. District.

This With like in two Cafes: Either when the Tenant, or

Defendant is attach'd, and to returned, and appears not, but makes Default; or where the Tenant, or Defendant hath

makes Heinit; or where the Tennin, or Dicheladen halv once appeared, and after makes Delhail. On inch Occasions, once appeared, and after makes Delhail. On inch Occasions, Ganava Gaffe, in a Term uted by Phinters, to experie, Ganava Gaffe, in a Term uted by Phinters, to experie, that there is found, the tips, The Painter was a Man of the Grand Gaffe. And they ute the Word Substinus, and the Grand Gaffe. And they ute the Word Substinus, and

GRANDEE, is understood of a Lord of the first Rank.

or prime Quality.

In Spain, the Term Grandees, is spoken absolutely of the
Prime Lords of the Court, to whom the King havoner given
Leave to be cover d in his Presence: There are some Grandees.

4000

dees for life only; made by the King's faying, fimply, Be cofaying, Be cover'd for thy felf, and Heirs. Thele last, are reputed far above the former. There are fome have three, or four Grandees, or Grandates in their Family.

GRANGE, an antient Term for a Barn; or Place

whether the state of the state

formam efficient.

It is given for a Reason why the Cnp is refused to the Laity, Quia barbati, & prolices habent Granes, dum pocu-lum inter epulas sumunt, prius liquore pilos insiciunt quant ori infundunt

ors influedum.
GRANIT, GRANITES, a fort of Marble, extreamly hard,
rough, and incapable of taking a there' Polifit: Thus called,
as being fprinkled over with a great Number little Stains,
refembling Graits of Stand. See MARKE.
There are three forts of Granit; that of Egypt; that of

There are three force of Grants that of Legys's max or Haly, and that of Dauphiny.

The first has brownish, or greenish Spots, on a dirty, white Ground. It is found in very large Picces; and in that chiefly used by the Egystians, in their Obelishs, and Pyrimide on the Tombs of their great Men. There are Columns of this Stone above 45 Foot high.

The Granit of Italy is forcer than that of Egypt ; efpe-The Grant of Hay is toker than that of Egypt; cluding in the Quarry, where it can with much more forced in the Country when the Country with the Section of Proposition, figured with great of Proposition, for the Grant of Zangheige, a Quarry whereof has been found, it only a very hard ferr of Filint.

GRAIN/VOROUS, an Epithete, or Denomination given to fasth Animaka as feed upon Corn, or any other Grain or Sectle. See Aurant and Stru.

Gransvorous Animals are chiefly of the Bird kind. See

There have a peculiar Provision for the digefling of so dry and hard a Food. See Dignation, Gizzard, &c.

Thete have a peculiar Frontion for the digenting of so and and a food. See Dicastron, Gizzarn, Science, GRANT, in Law, a Gift in Writing, of fomething which cannot apthy be paffed, or convey'd by Word only; as Ronts, Revertions, Services, Advewfors in Grofs, Tithes, Sc.

Revertions, Services, Advawfors in Grols, Tithes, 55.
Or, it is a Gitmade bytich Ferfors as cannot give but by
Deed; as the King and all Bodies Politick, Sec DOAATON.
This Difference is orten, in Speech, negleded; and the
Word Grant taken generally for every Git whatforere, made
of any thing, by any Perfon. In this Sonile he that genneth
is named Granter, and he to whom it is made, the GranterA Thing is It did to the in Grant, which cannot be stiffgeed See DEED.

GRANULATION, in Chymistry, an Operation per-form'd on Metals, whereby they are reduc'd into small Graint, or Globules

It is done by melting them; and when in Fution, casting them into cold Water; in which they congeal into Granules, as required: And are hereby render'd more easy to be dif-folived. See Dissorurons.

The best way is to pour the fluid Metal thro' a Calender, or a new Birchen Broom.— We also fay, the Granulation of Gun-powder. See Gun-

Pornder.

GRAPPLE, inc VINE, RAISIN, and WINE.

GRAPPLE, in the Manage—A Horfe is faid to grapple with one, or both Legs, when he catches, or railes 'cm
more halfilly, and higher than ordinarily, as if he were cur-

more healty, and higher faith ordinarily, as it are two exvection. FIGURES, in Autorous, an Approaches of the
Bones of the Temples, long, fault, flatry, and a little
crocked, like a Cod Stayer. Soo of Transauta.
The lance Name is insectioned also applied to the AugLikewise, to an Extending of the Berin, refembling a
Writing Stay. The Extending of the Berin, refembling a
Writing Stay. The Rail and the Stay of the Stay of the Stay
precludary the Prome for the Stayering Indiaments, by
an commonly called a Simulative. See State care exyear commonly called a Simulative. See State care for the
Corp. of Green Pairs are that online by Bowing of Hayevery, the Seed of the final Children Rainers is no be chiefly
well fifted and destrict.

The Stay of Green Pairs are that online by Bowing of Hayevery, the Seed of the final Children Rainers is no be chiefly
well fifted and destrict.

were unter and cisanifed. For the Geord, the Plant flowed, the Plant flowed, the Plant flowed, the Plant flowed, the Green, or Common, or Sheep-well, where the Grafi is finet and fine; if there be any Knoise, or Roughnoide, the Place mult be cleanifed and roll'd after a Shower, before it be place mult be cleanifed and roll'd after a Shower, before it be car up. The Tarl is cut in Signares, marked one with Lines, railed with a Knife, and roll'd up; about three Inches thick.

The Quarters, or Verges are to be prepared with a frac Coat of poor Earth to lay the Turion; and after laying, the Turi must be well water d, rolled, 8%.

That mild be well waterful ruled, feet.

Small Pieces of Oright-work, as Kunn, Sidili work, and
Small Pieces of Oright-work, as Kunn, Sidili work, and
must always be lidd with TurifTo low Graff of Bon, See, the Ground must first be done
or bracks with a Spiece, the with good Mound to relating the
forward of the Society of the Society of the Society
flowers of the Society of the Society of the Society
thick, that it may come up dold and lawry and highly, no
forward of the Society of the Society of the Society
flowers of the Society of the Society of the Society
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flo time to tim

GRATICULATION, a Term fome Writers afe for the GRATIOLATION, a Term tome writers are not dividing a Draught, or Defign into Squares, in order to the reducing it thereby. See REDUCTION.

GRATIOLA, a Medicinal Plant, of confiderable Virtues; the little known in the ordinary Practice; as being

tues; the little known in the ordinary Pfacters; as using imposed dangerous of Paplication.

Imposed dangerous of Paplication.

Imposed the property of the pr

oc Dyfentery. M. Bouldue made an Extract of this Plant, which purged

ently, and was very Diarctic: Another Extract made of he Exces or Refute, proved much more efficacious. Hift-

the Frees of Section, proven man more Cares of the Ard Ma. 1705.

GRAVE, in Music, is applied to a Sound, which is in a low, or deep Time. See Sound, and Tunz.

The thicker the Chord, or String, the imore graue the Tone, or Nove: And the finalier, the acuter. See Cuon.

Notes are supposed to be the more grove, in proportion as the Vibrations of a Chord, are left quick. See Gravity.

Grave, in Grammar, an Accent opposite to Acute. See

The Grave Accent is expressed thus: (') and shows that the Votce is to be depressed, and the Syllable over which it is placed, promounced in a low, deep Time. Gravy is allo an legociater in the Composition of divers Terms in Hiloty, and Polity. Thus we say, Zanderzawe, Barggraves, Margarawe, Paliforawe, Scc. See Para-Grave,

The Word, in this Senie, is form'd of the German Grasf, fignifying Gones, Count, and in the Barbarous Latin Gravio, Graphia—Sec Court.
Gravis also uled for a Tomb, wherein a Defunct is in-

GRAVE is also uted for a Tomb, wherein a Detandit is intered. See Toms, and Structure IIIN. Index, which accommonly called. Hence also, the Cafe being frequently accommonly called. Hence also, the Cafe being frequently accommonly called. Annuing of the Note and Eyes.

The Grande and Caryes are formetimes and promificationly, See Construct.

onity. See Convan.
GRAVEL, in Natural Hittory, coarfe Sånd, found at
the Bottom, and the Sides of Rivers. See Sanb.
Mond. Persant Isya down the Difference between Sand,
and Gravet.—The first, according to him, is finall, and confilts of fine, even Grains: The latter is bigger, and confilts
of listed Pebbles, mix d with the finer Fragment of Store
Gravet is chiefly uled in 1 laying Yardy, Courte, and

Walks in Gardens,-

The Word is form'd of the French Gravier; which du Gauge derives from the Barbarous Latin Graveria, fignify-

Cange derives from the Danassave ing the fame thing— Gaavat, in Medicine, a DiCasle of the Bladder, and Kidneys, occidend by a fandy, or grity Matter gather'd therein, which cohering into a trony Mals, pervents the due Scrution, and Exerction of the Urine. See Univ. But The Gratel is generally confiderd as the fame Dicasle Confideration of the Company of the Company of the Confideration of the Company of the

The Gratter is generally confider as the fame Different with the Calcular, or Stone. See Stones.

Gravel Seil, see Soil.

Gravel Wilt, in Gardening.—To lay, or form a Walk with Gravel, all the good Soil is to be pared away, below the Roots of any Grafs, or Weeds; then the Place to be filled two or three Inches with coarte Gravel uniferenced, laying it highest in the Middle: Then rolling it; a new Stratum of finer Gravel to be thrown on, two, or three Inches thick:

mer ovasor to be thrown on, two, or three Isanes sheet; And the Rolling to be repeated again and again.

Note, the Sides next the Heds should be Isid a Foot and an half, or two Foot with Turf from whence the Heat of the San cannot be reflected as from Gravet, to the Prejudice of the neighbouring Fowers.

of the neighbouring Flowers.

GRAVELLING, among Farriers, a Diforder incident to Travelling-horfes, occasion'd by little Gravel-flones getting in between the Hoof and the Shoe, which ferting to the Chile Comment of the Shoe, which ferting to the Chile Chile and follows the Part.

The

the Quick, frets, and feiters the Part.

"Its cured by palling off the Shoe, drawing the Place to the Quick, picking out all the Gravel, and stopping up the Foor with Horfe-greafs, and Turpenrice pour d in hot. GRAVER, a Steel Informment, ferring to engrave on Metals. See Engravation.

Metals. Sec ENGRAVING.
The Gravey-confits of four Sides, of Faces; and the Point utually terminates in a Locange. The other End is fitted into a Wooden Handle. See SYRER, TRAYER, Sec. Beifide Engravers, the Seal-cutters, Lockfurths, Guntinths, Guldinths, Armourcers, Spurmakers, 526. likewife

make use of Gravers.

GRAVING, the Act, or Art of cutting Lines, Figures, and other Defigus on Metals; more properly called Engraving. See Engraving. graving. See Engraving.

GRAVITATION, the Exercise of Gravity, or the Preffure a Body exerts on another Body underneath it by the

fare a Body exerts on another Body undermeath it by the Downet of Gevity. See G.A.1917. See G.A.191

to, See ATTRACTION.

The Planest, both primary and fecundary, as alfo the Comets, all gravitate roward the Sun, and toward each other; and the Sun toward them; and that in proportion to the Quantity of Matter in each. See Planet, Comet, Sun, Quantity of Matter in each. See Planer, Comer, Son, EARTH, Moon, Sec. The Peripateticks, 26. hold that Bodies only gravitate when out of their Natural Places, and that Gravitation ceales when they are reflored to the fame; the latention of Nature beingthen fulfilld. The final Caule of this Faculty,

Places where they may reft. But the Moderns flew that Bo-dies exercise Gravity oven when at reft, and in their proper Places. This is particularly shown of Fluids; and it is one of the Laws of Hydrostaticks, demonstrated by Mr. Boyle, and o-

thers, that Fluids gravitate in proprio loco, the upper Parts predling on the lower, Sec. Sec Fluin. For the Laws of Gravitation of Bodies in Fluids, specifi-cally lighter or heavier, than themselves; see Specific

Grattiy.

GRAVITY, in Physicls, the natural Tendency, or In-clination of Indias towards a Commo. See Cravran.

Common of Indias towards a Commo. See Cravran.

Gravity is defined by others, more generally, so be the

Gravity is defined by others, more generally, so be the

Gravity is defined by others, more generally, so be the

Gravity is defined by others, more generally, so be the

Gravity is defined by others, more generally, so be the

Gravity is defined by others, more generally in the mutual Tendency of each Bedy, and

each Farticle of a Body rowards all others: In which Senie

Rev Word coincides with what we more utually call direct

the Word coincides with what we more utually call direct

the Word coincides with what we more utually call direct

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the Word coincides with what we more utually call the series of the word of the wore of the word of

the Word coincides with what we those sowny defents. See ATTRACTION.

The Terms Gravity, Centripetal Force, Weight, and Attraction, do, in effect, all denote the fame thing 4 only in different Views, and Relations: Which different Relations, and the sound of the so

different Views, and Relations. Which different Relations, bowerer, Authors are put to confined an descordingly, the four, are frequently the form controlled to the four confider the Earth, the Four confider the Earth, the Top Body twent of which it reads, we call durations of the Earth, or Body twent of which it reads, we call durations or distribute Four can when we confider in in respect to an Obladed, or a Body in the sway of its Timedens, upon which it as they see all throughts. See Wassers,

Philosophers conceive very differently of Gravity: Its Na-ture, Usc, Phaenomena, Cause, Effects, and Extent have afforded various Speculations in all Ages.

affelded various Speculations in all Ages.

Some confider is as an aftive Property, or insute Fit in Boldes, ulterby they endoarous to plus their Contro. O. Boldes, ulterby they endoarous to plus their Contro.

Boldes, ulterby they endoarous to plus their Contro.

Some of the Control of the Control of their Con Philosophy.

s a Law of Nature long observ'd, that all Bodies near The a Law of Nature long ordered, that all Bostes near the Earth, have a Gravity, or Tendency towards the Cen-tre of the Earth; which Law, the Moderns, and particu-larly the immortal Sir If. Newton, have found, from cortain

Observation, to be much more Extensive; and to hold universally with respect to all the known Bodies in Nature. CC NATURE.

See Natura.

"I's now, therefore acknowledg'd a Frinciple or Law of Nature, that all Bodies, and all the Particles of all Bodies gravitate towards each other, mutually. From which foogle Principle, Sir JJ. Neuross has happily deduced all the great Phranomena of Nature. See Newtonian Sphilopolys, Hence Growty may be diffinguished into Particular, and

General. Parricular Gravity is that whereby heavy Bodies descend

owards the Earth. Sec EARTH. Phenomena, or Properties of Particular Gravity.

10 All Circumterrestrial Bodies do hereby tend towards

a Point which is either accurately, or very nearly the Centre of Magnitude of the terraqueous Globe. See Terraques-

2° This Point, or Centre is fix'd within the Earth; or at least hath been so ever since we have had any authentick History:

For a Confequence of its shifting, tho' ever so little, would be the overflowing of the low Lauds, on that Side of the Globe towards which it approached. Dr. Halley fuggefts, it would well account for the universal Deluge, to have the centre of Gravitation removed for a Time towards the Middle of the then inhabited World: For the Change of Place but the soceth Part of the Radius of our Earth would be fufficient to lay the Tops of the highest Hills under Warre. See Place was See DELUGE.

go In all Places equi-diffant from the Centre of the Barth, the Force of Gravity is nearly equal. Indeed all Places of the Earth's Surface are not at equal

Indeed all Places of the Earth's Sprince are not a equal Diffuence from the Centre, because the Enganeeric Brase formething higher than the Folar Peres: The Difference between the Earth's Diffuences and Asia Bulley alone 35, 620 and 100 a

Spaces in equal Times; as appears from the quick Defects of very light Bodies in the exhausted Receiver. See Va-Hence, a very great Difference may be observed betwixt

Gravity and Magnetism; the latter affecting only Iron, and that towards its Poles; the former, all Bodies alike, in

that towards in Toles; the former, all Bodies allet, in creery First. Beat Massacriff Control, and Bodies, is represented to their Quantity of Nativer, is that all Bodies consists of Nativer, allety beary. See Boom, Naturent, affect as positive Levelry, these Things which appear light, being comparatively. See Extra VI. If levels things sticked, and from in Futdo, it is only to the things of the Native Control of Native Co

yets, &c.

This Power increases as we defeend, and decrease as we ascend from the Centre of the Earth, and that in the proportion of the Squares of the Distances therefrom reciprocally; fo as, for instance, at a double Distance, to have but a Quarter of the Force, &c.

60 As all Bodies gravitate towards the Earth; fo, does the Earth equally gravitate towards all Bodies, i.e. The Action of Gravity is murual on each Side, and equal. See REACTION

Hence also the attractive Powers of Bodies, at equal Di-flances from the Centre, are as the Quantities of Matter in the Bodies

the Bodies.

Hence also the attractive Force of the entire Bodies, confilis of the attractive Force of the Parts: For by the adding, or taking away any Part of the Matter of a Body, its Gravity is increased, or diminished in the Proportion of the Quantity of fuch Particle to the entire Mais.—

General, or Universal GRAVITY.

The Existence of the same Principle of Gravity in the great Regions of the Heavens, as well as on Earth, is easily proved.

proved.

That all Motion is naturally recitilinear, is allow'd by all a those Bodies, therefore, which more in Carres, must be reasted therein by fome Power continually acting on them. Hence, the Blances being found to revolve in carvilinear Cobits, we infer that there is fome Power, by whose constant Influence, they are prevented from flying off in Tan-

Again, it is proved by Mathematicians, that all Bodies noving in any Curve Line described in a Plane, and which by moving in any Garre Line deferited in a Pine, and which by Radid draws to any occurin Point, defined Arras about the Point proportionable to the Times are impellif, or affect on by sime Power tending to that Point is Now it is these to a point of the Power and the Secundary Pinest, would de-ban; and the Secundary Pinest, would de-doctferled Arras proportionable to the Times. Confequency by, the Power whethy they are retained in their Orbits, is directled towards the fibeless Spacial on the Carrest thereof-wish as equable Medical. The Power Pinest Power which are equally the Carrest with an equable Medical.

quares of their Periodical Times be as the Cubes of the Squares of their Periodical Times be as the Cubes of the Diffances from the Common Centre; the Ceutripetal Forces of the revolving Bodies, will be reciprocally as the Squares of the Diffances. Or, if Bodies revolve in Orbits approaching to Circles, and the Apfides of those Orbits be at refl; the Centripetal Forces of the revolving Bodies, will be reciprocally as the Squares of the Distances

Now, the Aftronomers all agree, that both these Cases obtain in all the Planets: Whence it follows, that the Centripetal Powers of all the Planets are reciprocally as the Squares of the Distances from the Centres of the Orbits.

Squares of the Dittances from the Centres of the Urbits. Upon the whole, it appears, that the Planes are retaind in their Orbits by some Power which is continually ading on them: That this Power is directed toward the Centre of their Orbits. That the Intension, or Bifficacy of this Power in Acreases upon an Approach toward the Centre, and diminishes at its Receis from the fame, and that it learned is in the Centre of the Power intension of the Power inte at its Reccis from the fame; and that it increates in the fame Proportion as the Diffiance diminifies; and diminifies in the fame as the Diffiance increates—Now, by comparing this Centrifical Portee of the Planets, with the Force of Gravity on Earth, they will be found perfectly alike.

This we final illuftrate in the Cafe of the Moon, the nearest to us of all the Planets—The Rectilinear Spaces de-

nearest to us of all the Pinests—The Recitioner Spaces desired it any given Time by a filing Body urged by any fine the state of the properties of the properties of the properties of the properties of the file of the properties of the prope

Now, by an actual Calculus of those two Spaces, it appears, Now, by an actual Calculus of thole two basecs, it appears, that the first of them is to the second, i.e. the Centripo-tal Force of the Moon revolving in her Orbit, is to the Force of Gravity on the Surface of the Earth, as the Square of the Earth's Semidiameter, to the Square of the Semidiameter of her Orbit: Which is the same Ratio, as that of the Moon's Centripetal Force in her Orbit, to the fame Force near the Surface of the Earth.

near the Surface of the Earth.

The Moon's Centriperal Force, therefore, is equal to the
Force of Gravity. These Forces, consequently, are not different, but one and the farms: For, were they different, Bodies acted on by the two Powers conjointly, would full to

the Company of the Comp wards the Earth, with a Velocity double to that arising from

wards the Earth, with a Velocity double to that arning from the fole Power of Gravity.

It is evident, therefore, that the Moon's Centripetal Force, whereby the is retaind in her Orbit, and prevented from running off in Tangents; is the very Power of Gravity of the Earth, extended thither.

The Moon, therefore, gravitates towards the Earth, and

The Moon, therefore, gravitate towards the Earth; and the Earth religiously towards the Moon which is further confirmed by the Pharmonems of the Tides. See Tinns. The like Actioning might be applied to the other Pin. The like Actioning might be applied to the other Pin. The Moon of the State International Conference of the Conference that the San, and those of the State International Stum-round their Plantaks, are Enaromene of the times Kind as the Revolution of the Moon round the Earth; as the Con-respect Powers of the Pinnsay are discreded consorted the repeat Powers of the Pinnsay are discreded consorted the Centre of their Timesters, and lattly, as all these Powers are recipievally as the Squares of the Didaces from the Centres is miny fifty be concluded that the Power and Centre is miny fifty be concluded. Therefore, as the Moon gravitates towards the Earth, and

Therefore, as the Moon gravitates inwards the Easth source the Earth covards the Moon 5 to do all the Secundaries to their Primary ones; the Primary to their Secundary ones; to, allo, the Primary ones to the Sun, and the Sun to the Primary ones. See Planer, Comer, System, &e.

Phenomena, or Properties of Universal Gravity.

Mt the feveral Particles of all Budies in Nature gravitate to all the Particles of all wher Budies.
 To what has been urged in Proof hereof, from the Analogy between the Motions of the feveral Bodies in our Syltem; it may be added, that Strams is actually observed by Altrenomers to change in Courle when nearest to Tablitz, and Taplitzer, also, is found to disturb the Motion of the Sanaton Course of the Sanaton Strams.

tellites of Saturn. So that the Gravitation of those Bodies is Matter of actual Observation. is Matter of actual Observation. See JUDITER, SATURN, and SATELLITES; see also DISTURBING Force.

2. The Quantity of this Gravity at equal Distances, it always proportional to the Quantity of Matter in the

For, the Powers of Gravity, are as the Quantities of Me-tica they generates which Quantities, in unequal Bodies, county fiving, are to each other as the Quantities of Matter, county fiving, are to each other as the Quantities of Matter, they are the Quantities of the County of the County of the are the Quantity of the County of the County of the cape they are the Quantities of Matters, therefore, in regard unequal as the Game Difference from the attract-ing Body are found used to the County field, by Oracity's It's a violate, the Power of Gravity and the County of the County of the serviced, the Power of Gravity and the County of the Co is evident, the Forces of Gravity are proportionable to the Quantities of Matter.

The Proportion of the Increase, or Decrease of Gra-vity in the Approach, or Removal of Bodies from each other, it thus that the Force is reciprocally in a Da-plicate Ratio 5, i. c. At the Squares of the Distances.

Fusing Raise 3, 10. All the Squares of the Diplomest. Thus, farpole all solvy of an hundred Rounds, at the Di-finition of the Rounds of the Barth, the fame Body, if its Dillance were bur he hard. Further, the fame Body, by the Weight; it is Dillance were bur one third of the former, is Weight would be nine times as great, §67. In the state of the Rounds of the Rounds of the Rounds of the former, is Weight would be nine times as great, §67. In could Diffusor from the Centre of Homogenesia Bodies, the Granting is directly as the Caganity of Matter, and invertible (required for the Rounds of the Rounds o

as the Squares of the Diameter. A "That is not a manufact of oqual, phierical, and homogenous filedit, the Grenites of figures of oqual, phierical, and homogenous filedit, and the Sanfaces of figures of the Sanfaces of the Diameters of the Sanfaces will be subjected to the Sanfaces will be subjected by the Sanfaces will be subjected to the Sanfaces will be subjected to the Sanfaces will be subjected by the Sanfaces of Sanfaces will be subjected by the Sanfaces will b

the Force of Gravity, fee DESCENT of Bodies; and CEN-TRIPETAL Force.

·Cause of GRAVITY.

We have vatious Theories advanced by the Philosophers of various Ages to account for this Grand Principle of Graor various rights to account the time Grand Francisco of Grandson. The authents, who were only acquainted with particular Grandly, or the Tendency of inhumar Redies to Earth, simil do further than at a Sylfem which was a support of the fine of the Grandson of the Grands

for Gravity or Weight to a native Inclination in heavy Bo dies to be in their proper Piace or Sphere, the Centre of the Earth. See Sphere and Element.

the Barth. See Systeks and Ekamisty.

(Appratiss affective it to an innua Principle in all Parts of
Matter, whereby when feptuated from their Wholes, they
Bart meither of their Systems the nearest way.

Bart meither of their Systems than the same through the
Bart meither of their Systems than the same through the
Bart meither of their Systems than the same through the
Bart meither of their Systems than the same through the
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Barth meither of the same through the same through the
Barth meither of the same through the same through the same through the same through through the same through the same through the same through the same through thro

a certain Magnetic Attraction of the Earth.

Thefe Authors conceive the Earth to be one great Magnet
continually emitting Effluvia, which lay hold on all Bodies,
and draw them toward the Earth—But this, we have obferv'd, is inconfiftent with the Phzmomens. See MAONE-

Des Cartes, and his Followers, Robanit, &c. attribute Gravity to an external Impulse, or Trusion of some subtle Matter. See Cartestanism.

See CARTESIANISM By the Rotation of the Earth, fay they, all the Parts and Appendages thereof accellarily endeavour to recode from the Centre of Rotation: But they cannot, all, actually recode, as

Contro of Roussion: But they cannot, all, adually recode, as there is no Waten or Space to recorrive shorn.
The properties of the space of the spac

GRA

This Hypothelis, the l'aggelous ceugh, yet, as it is founded on the Bappolition of a Fluente, it is overthown by what we shall prove of the Endines of 3 Vacuus.

A shall be a s therein by fone efficient Power penetrating the very point, and inframes sublating centered is a being found always proportionally, not to the Surface of Bother or Corpolicis, period of the Corpolicis, and the Corpolicis of the

contents, that the Caulé of Gravity is unterly unknown, and rist we are to look on it no ordering thin in a 1. Law of strength of the content of the content of the content stort, without any Dependance on any fecond Law or Curle at al. Of rish the chinds, the three following Confiden-tial. This Gravity requires the Prefuse of the particular or armeling Boy's Sone Basellines of Popiner, a. or gra-vitate towards Popiner wherever he be. Curley the covering Bodies are mored, by the forces of Gravity, depend on the Quentity of Matter in the attracting Body; And that the Volovity is not changed, the the Mais of the

And that the viciotry is not changed, let the mans or tan gravitating Body be what it will.

Lafty, That if Gravity do depend on any known Law of Motion, it must be fome Impalle from an Extraneous Body; whence, as Gravity is continual, a continual Stroke would be required.

Now, if there be any fach Matter continually flriking on Bodies, it must be fluid, and lubtle enough to penetrate the Subfiance of all Bodies: But how fitall a Body fubtle enough to penetrate the Subfiance of the hardelf Bodies, and so rare as not fentibly to hinder the Motion of Bodies, be able to impel vaft Bodies towards each other with such Force? How does this Force increase in a Ratio of the Mais Force? How does this force increale in a Ratio of the Mais of the Body round which the other Body is mored wheece is it that all Bodies, faippoing the fame Diffance, and the fame Body gravitated to, more with the fame Velo-city! Can a Fuild, which only alth on the Surface, either of the Bodies Mencliven, or of their internal Farrickes, com-municate such a Quantity of Motion to Bodies, which in all Budiest fails casedly follow the proportion of the Quantity of Matter in them ?

Mr. Cotes, goes yet further; giving a View of Sir If: New-ton's Philosophy, he afferts that Gravity is to be rank'd among the primary Qualities of all Bodies; and deem'd as ef-fencial to Matter, as Extension, Mobility, or Impenetrabi-lity. Prefat. ad Newton. Princip.

But this Author feems to have overflot the Mark. His great Maller, Sir I. Newton himfelf, difelaims the Notion ; great Malter, Sir I. Newton himlell, disclaims the Notion, and to flow that he does not take Gravity to be effential to Bodies, gives us his Opinion about the Caule; chaing to peopole it by way of Query, as not being yet fafficiently latisfied about it by Experiments.

This Query we field liabjoin at largo—After having

4 turn, and beyond,

shown that there is a Medium in Nature vastly more sub-

thour shit there is a Medlum in Nature willy more fultion than Air, by whole Vabricum Light communicates
Heat to Bookes, and is itself yet into alternate Bits of early
and by the different Densition whereas Rise of early
and by the different Densition whereas One Refugliance
Reflexion of Light in performed. See Marium, Haan,
Reflexion of Light in performed in See Marium, Haan,
Reflexion of Light in performed in Justice and the Deally
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on great Hillances, doubt in one grow destine and denfer perrecardly, and therefore the start of the Medlan to the Compy
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pody rain at its deritace, and raive freeer can at the han-drein Part of an Inch from its Body, and raret there than at the fiftieth Part of an Inch from its Body, and error there than at the Orb of Saturn 1 fee on Reason why the Increase of Denity fhould top any where, and not rather be comismed they all Diltances from the Sun to Sa-rather be comismed they all politances from the Sun to Sa-

And the this lacreas of Dentity may at great Dillances be exceeding thus, yet if the Blattic Force of this Machine of the Committee of the Machine of the Ma It is and the Vibrations or Futtes of this succision, that may may cale the alternate Fits of eally Transfinsion, and early Restlection, must be fwifter than Light, and by consequence, above yoocoo (wifter than Sounds; and therefore the Ela-flick Force of this Medium, in Proportion to its Dentity, mult be above yoocoo x yoocoo (that is above 49000000000). times greater than the Elastick Force of the Air, is in Pro portion to its Denfity: For the Velocities of the Pulles of Elastick Mediums, are in a subduplicate Ratio of the Ela-ficities and the Ratities of the Mediums taken together.

As Magnetifm is flronger in fmall Loadstones than in great ones, in proportion to their Bulk; and Gravity is stronger in the Surface of small Planets, than in those of great ones, in proportion to their Bulk; and fmall Bodies are agitated much more by Electric Attraction, than great ones: So the Smallness of the Rays of Light, may contribute very much to the Power of the Agent by which they are refracted, And if any one should suppose that Æther (like our Air) may contain Particles which endeavour to recede from one another (for I do not know what this Æther recode from one another for 140 not know what token used is and that its Particles are exceedingly finaller than those of Air, or even than those of Light; the exceeding Small-nels of iach Particles may contribute to the Greatness of the Force by which they recode from one another, and thereby make that Medium exceedingly more and thereby make that Medium exceedingly more rare and olalitick than Air, and of confequence exceeding-ly less able to route the Motions of Projectiles, and exceed-ingly more able to press upon gross Bodies, by endeavour-ing to expend it less. Opticks, p. 335, 85c. See Light, ELASTICITY, &c.

ELASTICITY, S.C.
GRAVITY in Mechanicks, is the Conatus, or Tendency
of Bodies toward the Centre of the Earth. See CENTRE.
That part of Mechanicks which confiders the Metion of
Bodies arising from Gravity, is peculiarly called Staticks. See STATIONS

Sec STATICES.

CRATTEY is diffinguished into Abjetute and Relative.

Abjetute Gravity, is that wherewith a Body defected
freely their another refitting Medium. See Resistance.

The Lowe of Abjetute Gravity, fee under the Article
Descars of Bodet.

Discass of Badec.

Relative Gravity, is that wherewith a Body defeends after having front part of its Weight in overcoming form Such is the state of the Badech and the state of the Such is that wherewin a Body defeends along an inclined Plane, where forme part is employed in overcoming the Residiance, or Fiftings of the Plane. See Excress.

The Lates of Relative Gravity fee under the Article Entired Planes.

Centre of Gravity,
Diameter of Gravity,
Plane of Gravity,
Plane of Gravity,

GRAVITY in Hydrostaticks-the Laws of Bodies gravi-tating in Fluids, make the Business of Hydrostaticks. See HYDROSTATICES. GRAVITY is here divided into Abfolute and Specific.

GRAVITY is here divided into Abjoints and Specific, Abfaints or true GRAVITY, is the whole Force wherewith the Body tends downward. See GRAVITATION, Specific GRAVITY, is the Excels of Gravity in any Body, above that of an equal Quantity or Bulk of another.

Affection of Sound, whereby it is denominated Moute, onarp, or high. See ACUTEMEN.

The Relation of Gravity, and Acuteness, is the principal thing concerned in Munic, the Diffindiness, and Determinateness of which Relation, gives Sound the Denomination of Harmonical, or Musical. See Music and Harmonical,

The Degrees of Granity, 60°, depend on the Narare of the Someons Bedy life, at he, position is Figure and Quantity thereof; The, in for and the position is Figure and Quantity thereof; The, in for and the Bedy dependent of two Bellio of different Mentis, and the fame Shape and of two Bellio of different Mentis, and the fame Shape and Dimensions, being fracts in the fame Place, will differ as to make the state of Granity; and two Bellio of the fame Mental will differ all Granity and two Bellio of the fame Mental will differ the Mental Company of the State of the State of the will differ the State of the State of the State of the State of the will differ the State of the State of the State of the State of the will differ the State of the

or be fireck in different Parts. See Bell.

So in Chords, all other things being equal, if they differ either in Matter, or Dimensions, or Tension; they will also

either in Matter, et Dimendane, et Toshon; they will allo differ in Grassyp. Sec. Cucans.
Thus agein, the Sound of a Piece of Gold is much graver than that of a Free of Silver of the ame Stape and Di-tar of the State of Silver of the ame Stape and Di-responsible of the Specific Circuities; for a fold Spiece of Benth, two Foot dimenter, will found agree that another of one Foot dimenter; and here the Toses are proportional Part it must be oblivered, that Acastories and Grassyp, as allo Louderia and Louncia, are bar relative Taings. We commonly call is Sound autor and sold, in replicit coar-cient than the Common of the Common of the Common of the that the time Stand may be both grave and acute, and allo loud and Son, in different Comparison.

that the tame bound may be congrained and some, and loud and low, in different Comparisons.

The Degrees of Acutenets, and Gravity, make the different Tours, or Times of a Voice, or Sound: So we say one Sound is in Tame with another, when they are in the fame Degree of Gravity. See Tunn.

The immediate Caule, or Means of this Diversity of Tono lies deep. The modern Musicians fix it on the different Velocity of the Vibrations of the Sonorous Body: In which Velocity of the vibrations of the Sonorous Body: in water Senfic Grastry may be defined, a relative Property of Sound, which, with refpect to some other, is the Effect of a lefter Number of Vibrations accomplished in the fame Time, or of Vibrations of a longer Duration: In which Senio allo, of Vibrations of a longer Duration: In which Senso also, Acuteness is the Effect of a greater Number of Vibrations,

or Vibrations of a Shorter Duration. If two, or more Sounds be compared in the Relation of &c. they are either Equal, or Unequal, in the De-

Gravity, &c.

Such as are equal, are call'd Unifons. See Unison.
The Unequal including, as it were, at a Diffance between each other, conflicter which we call an Interval in Mufic, which is properly the Difference in Point of Gravity, between

which is properly the Difference in Foliato Grawity, beauties, the two Sounds. See Internat.

(Upon this Unequality, or Difference, does the whole Effect depend; and in respect hereof, these Internals are divided into General; and Differeds. See Concorn and

DISCORD. Sec alfo SCALE. GRAVY, in Cookery, &c. the Juice of Fleth or Fifth, prained therefrom by Coction, Elexation, Erixlon, or the

Sec Tuicz. The procuring of Gravies is no inconfiderable part of Cookery, inafmuch as theft are required to heighten the Gaflo, and Relish of most Dishes. There are divers Proceeds of Beef Gravy; one of the shortest and simplest, is to cut a Pound or two of lean Beef-Stakes into Slices, beat 'em well, fry them till brown, and then add a Pint of ftrong Broth,

and an Onion; letting the whole boil a little, and then firsining it for Ufe. To make Mutton Gravy, they roaft a Shoulder of Mutton to make matter Gravy, they roat a shoulder of Mutton a little more than half, cut it with a Knife, flueuce out the Gravy with a Press; then moilten the Meat again with Broth, and press it a second time: Add a little Salt, and keep it for Use.

eal Gravy is chiefly had by cutting Stakes off a Fielet, beating them, and flewing them with fliced Onions, Car-rots, and Parships; and at last adding strong Broth, Parsley, &c. letting them stew afresh, and straining them for Use.

To make Fifth Group, Carps and Tenches are flit length-ways, and flewed with Butter, Onions, Carrots, &c. till brown; then a lirtle Flower put in, and flew'd till brown. Laftly, Some Fifth-Broth is firstened in thro's Cloth, and the whole feafon'd with Salt, Lemon, Cloves, and favoury

Herbs. We have been a partial of the two Extremes Got and White. So we have, We wre, 156:

In the Manage they make Gerrell Soras of Grays, as the Extradate of backed Gray, which has Spots quite back, disperied here and there. The dapping Grays, which has Spots of a darker Gotour than the crit of the Bols. The of back Histo. The fid of predar'd Grays, which has been a familial Mixture of white: An other bymanife of may be found to the state of the back. The fill of predar'd Grays, which has but a familial Mixture of white: An other bymanife of may be found for gray, where there are by-relative M third with the Blads. Bee House.

the Bisck. Sec Horsz.
GREASE. Sec Far.
GREASE, among Farriers, Sc. a Swelling and Goardinels of the Legs of a Horle, generally happening after a

If the Greafe be an Attendant of fome other Difeafe, it

will be in vais to attempt the Care before the Difeale be removed that is the original Caufe of it: And therefore, fit be a Hedlick, the Velows, or the Farcin, Sc. the Di-rections given for those Difeales are to be followed, and in the mean Time proper Applications to be used outwardly for the Great.

If the Greate proceeds from common and ordinary Acci-dents, and the Horfe has no other Diftemper upon him; dents, and the Horle has no other Diftemper upon him; then, Applications that are peculiar to that Diffemper are to be fellowed: I fit he Horle has been well fed and pam-pered, begin the Cure with Bleeding and Punging, 6 so to diminish the Redundance of the Humours; but these ought to be used with Moderation, and it may be better to effect it with spare Dier and deity Labour.

It with Ipare Diet and daily Labour.

After moderate Evenautions, it may be proper to make a
Rowel on the Infide of the Thigh, or on the Bellys and to
keep it open for a Month, or longer, as there final be occation; and in the mean time to give the Horfe the Cinnabor of Antimonsil Balls. See Rowez.

GREAT, a Term of Comparison, denoting a thing to
have more Extention than flow other to which it is refer'd.

SCC COMPARISON.

Sec Comparison.
Thus we fay a great Space: A great Diffance: A great
Figure, a great Body, &c. Sec Grann.
The Term is likewife uffer figuratively, and in Matters
of Morality, &c. to figuify Ample, Noble, Elevated, Extraordinary, Important, &c.
Thus we lay, Statisficar was a great Genius: Queen

Thus we lay, Shakefisar was a great Genius: Queen Elizabeth had a great Soul: Cromwell was a Man of great Delipps: Da Finei, a great Faince: Galileo a great Phi-loshner: Bellia great Chick, tife. Garar is also a Title or Quality affedded to certain Prin-ce, and other lilluthrous Fersonages. See Title and Qua-

Thus we say the great Turk: The great Mogul: The great Cham of Tartary: The great Duke of Florence, &c., See Mogul., Cham, Se.

GREAT is also a Surname bestowed on several Kings and

Emperots. See Surnassa.

Thus we lay Mexander the Great: Corus the Great:
Charles the Great, or Charlemaign: Henry the Great of Cortes the Great, or Charles the Great, or Charles for Great, or the Great Spills frequently say, Edward the Great of the Great Edward J William the Great, meaning King William III. or the Great William. And the Prench, Louis the Great, the Tanad, Jacking of the late

Lonis XIV.

Gyles of Paris, fays Charlemaigne first got the Survame
Great from the Tallocs and Emisence of his Stature.

Helpan adds that Hague, Hagh the Great of France was thus
denominated on account of his great Fiety, Goodness, etc.

GREAT is also applied to several Officers, who have Preemisence over others. See GREAN.

Thus we fay, the Lord Great Chamberlain: The Great Marshal of Poland, &c. See Chamberlain, &c.

GREAT Circles of the Sphere, are particularly such as divide the Sphere into two equal Parts or Hemispheres; or whose Pianes pass thro'the Centre of the Sphere in Contra-distinction from the lesser Circles, which cut the Sphere into unequal Parts, &c. See Circle, Sphere, Circle, Lesser,

The Equator, Meridian, Eeliptic, Vertical, &c. are great or greater Circles of the Sphere; and the Parallels, Tro-picks, &c. leffer Circles. See Equator, Meridian, &c. GREAT Tithes,

foe State, Canon, Capital, Unsa major. GREAT Letters, GREAT Bear, GREE, in our Law-Books, from the Frence Gre; 1. 6; Will, Allerance, or liking; figuities Agreement, Contentment, or Good-liking. Thus to make Gree to the Parties, is to fatisfy them for an Offence done. 'Judgo-' men fhall be put in Sulpence, till the Gree be made to 'the King of his Debt, Stat. 15. Edwn. 5. See Aoran.

GREEK, GRECIAN, fomething belonging to the Peo-

pic of Greece.

Greek, abloistely so called, or Greek Language, or astient Greek, is the Language spoke by the antient Greeks, and still preserved in the Works of their Authors, as Plans, Artifacte, Spectrace, Demossibuous, Tourosidies, Xanophon, Homer, Hastod, Suphocies, Euripides, &c. Sco LANGUAGE.

The Greek has been preferred entire longer than any other Language known, maugre all the Revolutions that have happened in the Country where it was spoke. See ENGLIS Yet, from the Time of the Removal of the Seat of Empire

to Conflammoste, in the 15th Century, it has been gradually altering: The Alterations at first did not affect the Analogy of success; and Amerations at first one measures the Analogy of the Tongue, the Confruction, Inflexions, Sc. There were only new Words, new Riches acquired, by taking in the Names of new Dignities and Offices, and the Terms of Art it was before unsequainted with: But, at length, the Incurfions of the Barbarians, and effectially the Invafion of the Turks, wrought much more confiderable Alterations. See Abdate Gerra.

The Greek has a great Copia or Stock of Words: Its In-fictions are as remarkable for their Variety, as those of most of the other European Tongues, for their Simplicity. See INFLEXION

IN HELEKTON.

It has three Numbers, Singular, Dual, and Plural. See
NVMBERS 3 and abundance of Tenfes in its Verbs, which
makes a Variety in Diffourtic, prevents a certain Drinefs
which always accompanies a too great Uniformity, and renders the Language peculiarly fit for all Kinds of Verfe. See
Taxes 262.

sean the Latenage peculiarly fit for all Kinds of younce, new Taxas, Efc.

The Use of the Parlopice of the Archite, and Precuti, The Use of the Parlopice of the Archite, and Precuti, The Use of the Parlopice of the Archite, and Precuti, peculiarly the Parlopic of the Parlopic of the Parlopic special peculiar peculiary, which archite appropriate peculiar hand the Parlopic of the Parlopic of the Parlopic of the Canadages, where the Learned full find forms, the Tennes, Canadages, where the Learned full find forms, the Tennes, Canadages, where the Learned full find forms, the Tennes, Canadages, where the Learned full find forms, the Tennes, Canadages of the Parlopic of the Parlopic of the Parlopic of the hand to the Tennes of the Parlopic of the Parlopic of the Parlopic of the the Parlopic of Tennes of the Parlopic of the Greek for a Name; The Facility wherewith Words are there compounded, readily affording as Names expressive of the Use, Effect, Sc. of such Instruments. Hence Areometer, Thermometer, Barometer, Micrometer, Logarithm, Tele-fope, Microfope, Loxadromy, &c. Modern or Vulgar Greek, is the Language now spoke in

Greece.

There have been few Books writ in this Language, from the taking of Confiamtinophe by the Tirk; fearce any thing but fome Catechifms, and the like Pieces, composed or translated into the Vulgar Greek, by the Latin Missiona-

The native Greeks are contented to fpeak the Language without cultivating it. The Mifery they are reduced to under the Dominion of the Turks, renders them ignorant, of necessity; the Turkish Politicks not allowing any of the Subjects of their Effates, to apply themselves to the Arts Sciences

and Sciences.
Whether is be out of a Principle of Religion, or Politicka, Whether is be out of a Principle of Religion, or Politicka, or Bathariffin, they have indultinguithy destroy? all the Momentees of autous Renews of Agridian Reveals of the Danguage which might have consecred them politic, their Empered the Renews of the Politic Renews of the Re

and Sciences.

and Sciences.

"It's not eafly to affign the precise Difference between the vulgar, and the antient Greek: It conflits in the Terminations of Nouns, Pronouns, Verbs, and other Parts of Speech, which make a Difference between their two Languages much like that observed between form of the Dialects of Seath U.W. Distance is taked In January 18. much nice that our observed to even forme of the Distances, as the Italian or Spanife: We instance in those Languages, as being the most known, but we ought to have faid the same of the Hebrew, Selavanie, Sc., Dislects.

Beside, the modern Greeks have divers new Words not in

Befide, the modern Greek have divens new Words not in he actient; particularly feveral Particles which appear as Explerives, and which were introduced to characterize certain Tenies of Verbs, and certain Dictions, which would have the fame Meaning withour fuch Particles, had Cultom dispended with hom; Divers Names of Dignities and Offi-ces, unknown to the antient Greek'; and abundance of Words borrowed from the valgar Tongues of the neigh-

bouring Narions.

bearfing Nutions.

Accordingly, me may diffinguish three Ages of the Greek Tongue: The first ends at the Time when Configurationals between the Cipratio of the Remarks Empiricy Not but there of the Configuration of Configurat

the Tufcan and Composite. See Onnes; see also

DORIC, IONIC, and CORINTHIAN.

GREER Rite, or RITUAL, is diffinguished from the Latin. See Rita and Ritual.

GRERE Church, is that part of the Christian Church which is ofthilished in Greece; extending likewise to fome other Parts of Turky. See Gruxen.
It is thus called in Europe, Asia, and Africa, in Contraditional from the Latin, or Remiss Church; as also the Englern Church, in Distinction from the Western. See

The Romanifis call the Greek Church, the Greek Schiffin, bessafe the Greek don't allow the Authority of the Pope, but depend wholly, as to Matters of Religion, on their own Patri-archs. They have treated them as Schiffmaticks, ever fince the Revoir, as they call it, of the Patriatra Photoiss. See

PATRIABCH. The Learned are divided as to the peculiar Doctrines and Sentiments of the Greek Church. "Tis certain many Errors are usually charged on them, which they are free of. The Point has been warmly contested between Caucus Archbishop of Corfu, and the Sieur de Moni, on the one Side; and Lucas Holfarius, and Leo Allatius, a Greek, on Side; and Libra's Helgartin, and Leo Allatins; a Greek, on the other; the two first accusing, the last examing them. Canens, &c. will have them agree with the Procettants, in rejecting abundance of the Rales and Oblevenoce established in the Romiff Church; while Allatins, &c. endeavours to find the fame Oblevances smooth for Greeks, as among the Latins; only under other Forms, and with other Circums.

Of the Seven Latin Sacraments, fays Caucus, the Greeks only admit five: Confirmation and Extreme Uselion, they for stide. Maintie, on the contrary, infills, that they don't properly fet them afide, but only differ as to the manner of administrate them. Instead of confirming long after Eapadministring them. Inited of confirming long siter Esp-tiffs, they always join Baptifin and Confirmation together: Befide that Confirmation, among them, is confer'd by the ordinary Priefits. The like Error is charged on Caucus, with regard to Extreme Unction. See Sacrament and EXTREME UNCTION.

But it is to be here added, that from the Answer of Jeremy, Patriarch of Constantinople, to the Divines of Wirtembergh, it appears, that the Greeks, like the Reformed, do really own n do really own no more than two Seraments inflitted by Christ, viz. Baptism and the Eucharist. See Eucharist. See The Greeks, says the same Caucus, offer no Worship

to the Eucharift to the Euchariff: Allarius replies, it is true, they don' adore it, as the Romaniffs do, immediately after the speaking those Words, This is my Body: Yet do they really adore it after the Words wherein Conferration confists, viz. after the Prayer call'd The Invocation of the Holy Spi See ADORATION

As to Confession, Caucus is certainly in the right, that they don't hold it of divine Appearament, but only of positive, or ecclessatical Right; which they likewise staffum of all the other Sacrament, except the two above-mentioned: yet have they the Use of Auricular Confession. See Con-

As to Marriage, Caucus is just to them, in saying, that they do not effect it an indissoluble Band; they maiotain with great Zeal, the Necessity and Validity of Divorce. See they do not effects DIVORCE.

As to the Primacy of the Pope, Caucus does them Justice in faying they deny it. "Tis certain the Greeks, Melohites, in laying they deny it. "Tis certain the Greeks, Melohites, and other Orientals, do not allow the Primacy of the Pope over the other Patriarchs, in the Sense it is allowed of among the Latins. See Pors, Paimack, &c. Nor do they allow of more than Seven General Councils. All those held by the Latins time Photins, they for adde, Sec COUNCIL.

GREER Grammar, GREER Grammar,
GREER Testament,
GREER Lexicon,

GREER Lexicon,

Grass Léviere, J. Lexxcon, tét.
GREEN, onc of the original Colours of the Ray of
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Two Powders, the one Blue, and the other Yellow, well mixed, appear perfectly Green; the when viewed with a Microscope, we obliere a Chequer of Blue and Yellow. The Dyen make divers Shades, or Caffs of Green, as Light-Green, Tallow-Green, Gray-Green, Eart-Green, San-Green, Dark-Green, Parris-Green, and Calados-Green, All the Green are thirt dy din Blue, then take down with

Wood, Verdigreefe, &c. and then green's with the Weed,

here being ne one Ingredient that will give Green alone. Mountain Green, or Hungary-Green, is a fort of greenifb.

Powder found in little Grains, like Sand, among the Mountains of Kernanifest in Hungary, and thole of Modavis.

The fonce hold that this Mountain Green is faltitude, and the fame with what the Ancients called Fas Kriis, premark he maller Wester and William Company.

pared by cashing Water, or rather Wine, on Copper red-hot from the Furnace, and catching the Furnes thereof on hot from the Furnace, and catching the Furnace with the Copper Plates laid over for the Purpole; or by diffoling Copper-Plates in Wine, much as in making Verdegreate. The Painters make uie of this Colour for a Graft Green. It is fometimes counterfeited, by grinding Verdegreafe with

Earth Green, See Verditer.

Calcined Green, and Diffilled Green. See Verde-GREASE.

GREEN Copperss. See Cofferas.
GREEN Fifth. See Fiss.
GREEN Glaft. See Glass.
GREEN Hide, is that not yet curried, but fuch as taken off from the Carcafe. See Hide, LEATHER, and CURRY-

ING.

GREEN Cloth, a Board, or Court, of Juffice, hold in the
Compting-Houfe of the King's Houfhold, for the taking
Cognizance of all Matters of Government and Juffice within the King's Court Royal; and for correcting all the Servants therein, that fhall any way offend. See Housetold,
and Comptune, House.

and Computing-House.
To this Court also belongs the Authority of maintaining the Peace for twelve Miles round the King's Court, where-ever it shall be, excepting at London. See Place and

The Judge of this Court, is the Lord Steward, affifted by the Treafarer, Comparoller, Cofferer, Clicks of the Green Cloth, Rec. Soc Streams, foc also Vranca. It takes its Name Green-Cloth, from a Green-Cloth frond over the Board where they fit, whereon are the Arms of

over the Board where they fit, whereou are the Amust of the Comptings (Board and the Comptings) (Board and the Comptings) (Board and the Comptings) (Board and the Compting of the Compting on the Office, are family as, and allowed by the Clerks Comptings, and suited by the Clerks of the Green Comptings on the Office, are family as, and allowed by the Clerks Comptings, and an admitted by the Clerks of the Comptings of the Compting of the Comptings of the Compting of th

GREEN-Houle, or Conferences; a House, or Building, in a Garden; contrived for preferving of the more render and curious Exetic Plants, which will not bear the Winter's

and curfool theore earner, which will not beer one wincer of Cold abroad in our Climate. See Experie. Green-Hosfier, as now built, ferve not only as Conferen-tories, but likewide as Ornamons of Gardens, being ufually large and beautiful Streitures, in Form of Galleries, where-in the Plans are handlomely ranged in Cafes for the pur-in the Plans are handlomely ranged in Cafes for the pur-

in the Pisson are handformely ranged in Cafe for the pair.

The Green-Holly, Mr. Merriner directly to be open to
the South, or very little declining thereform: The Heighth
and Heasth to be those as Roy, and Length seconding to
the South, or very little declining thereform: The Heighth
and Heasth to be those as Roy, and Kayla Willers. In
though the finance on the drieft Ground, and to contrived,
as that neading my oblivital the South Kayla Willers. In
the Hindle with Lines and Heile; Dampach being oblered
to continue longer on the Pinittle, than Directly at Willer
as a striking Health in the be sold: In order to this, force
hang ap First, and obters place Pass of Conta in Holes in the
Green-Hody, and to covery the Heat thereof their Thills
made under the Pisson for their Pariso. The belt Metched
of all, according to Dradity, it the new Sores Insented by
Sec. First. Sce FIRE.

Some have Safnes, Calements, and Doors of Glass; others prefer moveable Canvas Doors, to be taken off, and

put on at pleafure

The Pois and Cales are to be ranged in the Green-House fo, as nor to incommode one another, or hinder any from io, as nor to incommode one another, or hinder any from readily receiving both Sup, Air, E'c. As to the Management of the Plants herein, Maritimer recommends the opening of the Mould about them, from time to time, and lytink-ling a little fresh Mould in them, and a little warm Dung on that; as all to water them when the Lexew-begin to wither and curl, and not officer, which would make that fede and be folly; and to take off fact Leaves as wither

and grow dry.

Bradley advices, that in the colder Parts of England, the Front of the Green-House be built in a Sweep, or Semicir-

cle, to receive the Sun's Rays, one part or other of it, all Day: That all the Windows, Sc. in the Front, have close, thick, wooden Shutters, to be flux every Night in Winter, for fear of Frofts, Nipping Winds, Sec.—Dutch Tiles he thinks the best Lining for the Walls, as being dry, and reflecting the best Lining for the Walls, as being dry, and reflecting a deal of Heatz, and figure Tibes for the Pavement, which readily inhibbe the Wet, and never (woat, as Marble, and the harder Stones do,—The Plants in the Green-Heafs or no to fill above a 2. Part of the Space thereof; the refl being left vacuat for the Air to circulate about the Plants. If the Heafs be crowded with Plants, the Liflevia they are If the Hange he crowded with Plants, the Effluvis they are continually entiring by Perferience, and the Various from the Monda, will conclude the Art, and easily Dismerged. In the Control of Alley to the Control of the Control of the Control of Alley to the Control of the Control of the Control of Alley to the Control of the Control of the Control of Alley to the Control of the Control of the Control of Alley to the Control of the Control of the Control of Alley to the Control of the

in : the tenderest Sorts from Places near the Line, as the Alocs, &c. being to be confined more to the Great-House,

Alocs, Sc. Design to be common more to the state of the thin Oranges, Myrcles, Sc. Green Plats, Walks, Sc. Sc. Grass Plats, Sc. Green Plats, Walks, Sc. Sc. Grass Plats, Sc. Green White Figures. Green Wilde Halpital. See Hopertass. Green Wilde Halpital. See Hopertass. Green Wilde Halpital. See Hopertass the new the thing of Ending and the moves. GREGORIAN Catenary to that which increases and full Moon, with the Time of Eafter, and the movea-be Feafts depending thereon, by Means of Epachs disposed thro' the several Months of the Gregorian Year. See Ca-

LIND ARE SEVERAL MOUNTS of the Gragorian Year. Set CA-LENDAR, RAFYER, Ste.

The Gregorian Calendar, therefore, differs from the Ju-lian, both in the Form of the Year; and in that it ufes Epachs, inflead of Golden Numbers. See Eracy, and

Golden Number.

This Reformation of the Calendar, was made in 1382, by Order of Pope Gregory XIII. and with the Advice of Mayfatt Little, and other Mathematicians: At the fame Time, ten Days were cut off from that Year, and cale ways, to bring the Equinoses to their admers dear, one that are of March. And to keep them continuely there, the dame Pope introduced the Gregorian Year. See the Article Man Pope Introduced the Gregorian Year. See the Article Man Pope Introduced the Gregorian Year. following.

GREGORIAN Tear, is the Julian Year corrected, or mo-GREGORIAN TERF, is the Julian lear conferent, or modell'd, in fuch manner, as that the three fecular Years, which in the Julian Account are Biffextile, are here common Years, and only every fourth fecular Year, a Biffextile Year. Sec BISSENTILE.

The Gregorian Year, the' it comes nearer to Nature and Truth, than the Julian; is not ffrictly jult: In 400 Years it gets t Hour 20; and consequently in 7200, a whole Day. YEAR.

See Elem. The Green's Year, in that now sied in most Countries of Enricks, England, and of the Grant Provincia, Seed-of-England, England, and of the Grant Provincia, See Eleman Seed-of-Seed See Eleman See See Eleman See Eleman

The prefent Year 1726, is the 144th Year of the Greenrian Epocha.

GRENADA,
GRENATE,
GRENADIER,
GRENADIER,

GRESHAM-College. Soc COLLEGE. GREVE, among our antient Witters, is a Denomination of Power and Authority; fignifying as much as a Comes, or Vice-comes: and hence our Shyreeve, Portgreeve, &c. See Pour-GREEVE, &c.

According to Hoveden, Greve dicitur, ideo quad jure de-beat Grith, i. c. pacem ex illis facere, qui Patrie inferunt

ew, i.e. miferiam vel malum.

Hence, but with lefs Power and Dignity, is derived the Word Reve, a Bailiff, or Under-Orheer of the Lord of a

Word Rev., a Billiff, or Indae's Diece of the Lord of a Masen. See Revs. (SCHIP), 274-J. in Natural Hilliony, a Bird of Pray, of the Bigs. See Beatz. Inc., the representation of the Company of the Properties of the Company of the Properties of the William of the Company of th Jupiter and Nemefit.

are not to underfinal the Text of that chinerical Animal jaid deferibed, which no Body ever faw but in Painting and Armorica, notwithlanding what Servinia, in his Comment on the 8th Ecloque of Fergit and Midore, fay of it—The Griffon in Scripture, is that Species of Engle, called in Latin Offirma, and in Hebrew DTD, Feres, of the Vetb DTD, Pares, to break. God prohibit

Fores, to break.

God problibited the Jeers to cat divers Kinds of Birds of Prey, as the Kite, Vulture, &c. And the divers Species of Eagles, which are dittinguisted in Latun by the Names of Again, Grypt, Haltentus—Paulinian, in Areadetic, lays the Griffen has his 8kin frorted like a Leopard.

The Griffen was more the behavior one in francastic.

deti, fays the Griffica has his Sha footed like a Looped-The Griffica, we meen the Islands one, is irequestly feet on nation: Modalis, and of this hor in Conditionary, the Control of the Condition of the Conditionary of the born by he I small of Mergan in Monament/flure, Sec. Grif-lam blasson it Rempiner; a liedging that any very fierce Annual may be followed, as well as a Jona. Optical of Rumpine. See Raxyr are and Stantianary. GRILLADE, in Cookeys, a Diffi of Mert beside to the Grif-Iton; thus called from the Prevet Ordifier, to broil. The World's also leds for the towning of any Diffs, by

rubbing a hot Iron over it. supong a not 1000 over it.

To Grill Opflert, is to put them into Scollop Shells, feafon them with Shit, Pepper, and Farfley Shred, and pour their
own Liquor to them; covering them with grated Bread;
flewing them half an Houron the File, and browning them with a red-bot Iron.

with a red-box from.
Shrimps are dever's after the fame Manner.
GRINDING, Tristration, the Act of breaking, or comminating a folial Body, and redesting it into a Powder,
Duth, Flower, Farina, or the like; particularly, by means of a Mill. See Mill. Grinding is one of the Species of Diffolying. See Dis-

The Painters Colours are ground on a Marble, or Porphy-, either with Oil or Gum Water; see Painting and

COLOWA.

Some late Phyficians have contended, that Digeflion is gerform'd by grinding the Food in the Stemach: Some even maintain that every Pairs in the Bobly, is a Veffel or Voffels; that all the Voffels have a Moton of Sythole and Diadiole; and that all the Operations of the Body confit in the Attetion or grinding of the Humours or Matters continued in facth Voffels. See Diezervion and Tatyura.

GRINDING is also used for the rubbing or wearing off, the irregular or otherwise redundant Parts of the Surface of a Body, and of reducing it to the destined Figure, whe-

ther that be flat, concave, or the like. See Flavas.

The grinding of Glaffes is a confiderable Art, and as fuch necessarily requires to be here instited on; ofpecially that of Optic Glasses. See Glass, CPTIC Glass, Se.

Method of GRINDING Optic Glaffet.

For Convex-Glaffes, the first Step is to provide a Dish or Bason, within whose Cavity the Glafs is to be form'd.

or Badin, within which Cavity the Califa is to be form'd.
In norder to this, they take a piece of Briti, Gopper, Inno,
er Wood, and form it into a Segment of a Circle, with the
Radius of the Blade on Diffi insended. This does, a Bastackwa of the Blade on Diffi insended. This does, a Bastown mentioned. The difficult is a cavity exactly fining or corresponding to the Segment
show mentioned. The functions they challe to have the
Badin calt, in which Cale, the Radia above delivered for
convert Marrow, He Californ have expected as the Californ
shows a convert the Californ have expected by the Californ
before the Californ have expected by the Californ
Bid, Magillary, Eps. In faced to an Incut Asis, such a Pleno
Bid, more cally gir in all Tars, they take it of candily gir in all Tars, they take it of candily gir in all Tars, they take it of candily gir in all Tars, they take it of candily gir in all Tars, they take it of candily gir in all Tars, they take it of candily gir in all Tars, they take it of candily gir in all Tars, they take it of candily gir in all Tars, they take it of candily gir in all Tars, they take it of candily gir in all Tars, they take it of candilly gir in all Tars, they take it of candilly gir in all Tars, they take it of candilly gir in all Tars, they take it of candillong the candill

reactive fit in all Paris; they take it off, and comeding it to a wooden Block (torden, if need be, with Lead) firew it over with fine fifted Sand, and thus grind it over again on the Mould, till all the Furrows or Scratches be quite taken away

Laftly, They grind large Pieces of Glass in a Bason, with fine Sand between; till such Time as its Surface being well fine Sand between; in linear 1 me as its carrace design wen-finoothed, there is no longer any Opposition to the Motion-Note, the Diffi is known to be perfectly failfied, when a Hair being firesthed over it, its Shadow projected in the Cavity, particularly in a Camera obscura, does not appear

The Bason finish'd, proceed to chuse Glasses for the Pur pofe: In order to this, Lty cm on clean Paper, and observe what Colours are projected thereon; for the fame are the Colours of the Glaffes. Always for afide those of the darker Colours of the United. Available to brighter: But as the whiteif and Glais.

Colours, and chale the brighter: But as the whiteif and Glais.

brightet have ulusily Veins; and befile in Test of Tiret. The Bottom or Bufe of the grinding Engine, is another by the Hummilton of the All random and the Colours of the Colours.

Colours and Colours and the Colours of the Co

We find montion the Griffive in Pioly Scripture but Polifi, for this Basical Harger recommends thofe a life ten to the underfined the Text of that chinnels Almini pill the yellowith, reddith, or presenting. Herwiter the bleed in the property of the Piologous of Ferryl and Hilbert, they still—the Griffive is Scripture, in the Species of Figure 1. The Griffive is Scripture is the Species of Figure 2. Forts, at the Very of the State of the Species of Figure 2. Forts, at the Very of the Species of Figure 2. Forts, at the Very of the Species of Figure 3. Spe could be desired the effective of the course equal to the Breadth of the intended Lens, and that of the

the Glist hereon, work the Bolin fometimes this way, and fometimes that, to prevent the form of the Balin from be-ing difficult of the great of the Glist from the ing difficult of the great of the Balin of the the Glist here. When the Kendy and Fish addreng a difficult the Balin over with Enerry meitlend in Water grinding the Glist here-with Enerry meitlend in Water grinding the Glist here-with Enerry meitlend in Water grinding the Glist here-with Enerry meitlend in the Glist here. When the Glist here with the Glist here-with Enerry meitle and the Glist here with a Service, applied and used as before a remaining to take out the Said when too much were, and fabilitate new in out the Sand when too much worn, and subflitute new in its flead. Some in lieu hereof, chuse several Sorts of Emery, ans nead. Some in lies hereof, chule (everal Sorts of Emery, each finer than other, or even the Powder of Filins calchaed and pounded. Lattly, grind the fame Glafa in another Bafon, or Diffir which is a Segment of a lefter Sphere, making afe of the like Sand as before; till it have got a pretty high Rim or Margin all around.

49 Minutes for 4 of an Hour. The Imme Effect is had from Powder of Flints, broke in an Iron Mortar, mix'd with Water, and fittred fornetime with a wooden Spatula, taking the Powder as it precipitates in forme certain Time to the bottom of the Veifiel, by decanting the Water. What remains is, to possift the Glass which fee under the Article Posturpus.

the Article Poetaniac.

Cassarace is identified a course, and Jefasecanare Mechael of finosoluting to differ a course, and Jefasecanare Mechael of finosoluting who the first of the Sec Economics Cassara, Gr. and Gr

this is a wooden Plank, comment theretoe, and upon his tare proper Weights applied no promote the Citiver. The Plank of I had been a proper that the proper the proper the comment of the Plank of I had, being faithed to a Wheel, which gives it a Motion. —This Wheel, which is at leafly 50 of I oliches Diameter, is made of very hard but light Wood, and is wrought by two Workens placed against each other, who path and yell it alternately; and fornerines, when the Work requires it, until I round. By Jack means, a contains mutual Attention is produced between the two Glaffes, which is favour'd by Water and Sands of feveral Kinds bellowed between; Sand water and sands of teveral Kinds belftowed between; Sand fill finer and finer being applied, as the grinding is more advanced: At last Emery is afed. We need not add, that as the upper or incumbent Glaß polithes and grows finoo-ther, it must be shifted from time to time, and others put in its Place.

in its Piece. It is to be soond, that only the larged fine Glaffon are thus It's to be soond, that only the larged fine Glaffon are thus wrought by the Hand, to which Bait there are four wooden Handles at the fact Genera of the upper Stone, or Carrier of the Control of the Co

Sec SHIP.

Stem. Soe Sitts.
The Dedgin of flarping her fo, is to make her grifte the more, or keep a good Wind; for which purpose fometimes more, as keep a good Wind; for which purpose fometimes. Garritis allo & Souch Hanfe, for a Shigh; being a per to run her Head or Nofe too much into the Winds: In the her day, the grifter, or which there are two Coules, disher over-ordening her is bead, the Weight of which profits her over-doubling her is bead, the Weight of which profits her over-doubling her is bead, the Weight of which profits her over-doubling her is bead, the Weight of which profits her over-doubling her is bead, the Weight of which profits her over-doubling her is bead, the Weight of which profits her over-doubling her is the work of the grift of the work of the wor

The distribution of the di

to in the Uterus. See CHILDREN.

The Retention of a Part o: the Meconium may also give occasion hereto, as being somewhat acrimonious. See Me-CONTRM.

This Diforder femetimes proves to violent, as to throw the Child into univertal Convultions, or to cause what is vul-garly called Convultions of the Bowels.

GRIST is Corn ground, or fit for grinding. See FLOW-

BA, MAAL.
GROANING, in Hersldry, a Term uled for the Cryor
Notic of a Back. See HUNTING.
GROAT, an English Money of Account, equal to Four
Pence. See PSNN.
Other Nations, as the Dutch, Palanders, Savons, BabeThe See See Messell their Greats, Great, Great.

Other Nations, as the Dillion, Tolling of the Armonians, French, &c. have likewife their Greats, Greats, Groots, Gro-ches, Gros, &c. See Money and Cots.

We had no Silver Money in the Suscen Times bigger than

a Penny; nor after the Conqueft, till Lebeard III. who about the Years; no, coind Groffer, i.e. Grount, or great Pleest, which went for a 2d. a-piece; and fo the Matter though till the Reign of Henry VII. who, in 1904, first coined Shillings. See SHILLING.

ed Shillings. See SHILLING.
GROCERS, by the Stat. 37 Esce. II. cap. 5. were used for those who engrotted Mexchandize. See Engenosisto.
GROCRAM, in the Manustetories, a fort of Stuff, all Silk, being in Reality no more than a Taffery, consier and

Silk, beling in Reality no more than a Tallity, consider and thicker than ordinary. See TarPerr.
GROOM, properly denotes abremat appointed to attend of the German Grown, Grown of the Engineering Control of the German Grown, Grown in the King Hamilton of feveral Officers and Servatia rule King Hamilton, German Grown of the Chember, the Proye-Chamber, Grown of the Grown of and to decide Disputes ariting at Cards, Dice, Bowling,

GROS, a foreign Money, in divers Countries, answering to our Groat. See GROAT.

GROSS is the Quantity of twelve Dozen. See Dozen. GROSSA, a Groat-Concessa est Regi una Grossa que ntinet quatuor denarios de quotibet vivo & multere.

Knighton. Anno 1378.

Gaosse Bott, in our antient Law-Books, fignifies fuch
Wood as hath been, or is, either by the Common Law, or
Callom of the Country, reputed Timber. See Timber.

Cailom of the Country, reputed Timber. Sec Timber. GROSSUS, in our antient Witers, denotes a thing entire, and not depending on another. Thus, Pillansis in Grejö; was a Servant, who did not belong to the Land, but immediately to the Ferion of the Lord's So, an Advewion in Grejö; has Right of Patronage and the the Fer or Manor, but belonging to the Patron Lord's Gregorian Country of the Patron Lord's So, and Called the the Fer or Manor, Sec Anowaway, Very Lord's Gregorian Country of the Patron Lord's Gregorian Country of the Patron Lord's Gregorian Country of the Patron Lord's Gregorian Country of the Called Country of the Patron Lord's Gregorian Country of the Called Countr

Patron Bunday, VILLAIN, Go. GROSS-Weight is the Weight of Merchandizes, and Goods with their Dut and Drofs, as also of the Bag, Cluk, Cheft, Go. wherein they are contained; out of which Grefs. Weight, Allosance is to be made for Tare and Tret. See TARK

and TRET.
GROTESQUE, or GROTESQ, or GROTESQUE, a wild
whimfical Figure of a Painter, or Engraver; having fomething ridicalose, extravagant, and even monthrous in:
The Name arries hence, that Figures of this Kind were
that the state of th

I no Name armes nence, that Figures of this action were antiently much used toucher the Groubs wherein the Tombs of cunical Perfors, or Families were inclosed. Such was that of Ozuk, whole Gretto was different durant Rome about 50 Years ago. See Gaotto.

that of UNIA, MINISTER OF CROTTO.

Cator a celebrated Engineer of Larrain, bad a wonderful

Genius for defiguing Grouphues: the like aid of Leonards

da Vine.

We also extend the Word to any Thing whimfield, or wildly pleafant, in a Person's Drofe, Discourde, get.—Malquerade Habbis are the more valued, the mere Greeefpur they are:
Our Theatres present us with Encorrainments in Greeepine
CharaGers, i. e., Persons quantity dress d_{ij} as Harkequen, Scaramonches, get.

Pianudes has given us a very Grotesk Picture of Æfop: Ariofto and the Italian Poets are full of Grotefque Deletip-

tion.

GROTTEQU-H'0rk, GROTTER H'0rk, or Grattefa, in a
Work or Composition in Palanteg, and Scripture, in the Grareligion Manner or Tale; confilling titles of 'Things with a
ser merch junginary, and have no Existence in Niture, or
of Things urth all diffuence on the way of Nature,
to be not into durptice and Riddicale.

In the composition of the composition of the composition
of the composition of the comp

anciful Ornaments, of Animals, compounded with Foliages, Fruit, &o,

Such are those painted by Raphael in the Apartments of the Vatican; and those carved by Michael Augelo in the Ceilings of the Portico of the Capitol. witts calls Compartments of this kind Harpagenituli.

Retties, and other natural Conglicitations; toe CRYSTAL,
STALACTIES, PETRIPACTION, 15c.

The Word is Intline, Greate, form'd according to Mendag, 5c. from the Latio Crypta. Du Cange observes, that
Great was sfed in the corrupt Latin.

M. Homberg conjectures, from feveral Circumitances,
that the Marble Fillars in the Greate of Authores, vegi-

tate or grow. That Author looks on this Grette as a Garden, whereof

"That Author looks on this Gratta as a Gastro, whereof the Dieccs of Muchae art the Plans and endeavours in the Breecs of Muchae art the Plans and endeavours of these that they could only be predicted by fome vegetative. The Plans and Orders of Architecture of Murther, until their Ornamonent, 45°s lores infection to their Cortanoment, 45°s lores infection to the Cortanoment, 45°s lores infection to the Cortanoment, 45°s lores to the Cortanoment, 45°s lores

tical or nextons Quality; whence also it is called Bocca Ve-news, the possenses Meanth. See Marriers. Two Miles from Naphes, fay Br. Mead, just by the Lago d'Agnano is a celebrated Mostra, commonly called Las Gretta

de Cani, equally destructive to all within the Reach of its

Vapours.

This a fmill Grette about 8 Foot high, 12 long, and 6 broad, from the Ground artics a thin, lubtle, warm Fume, vifible eaough to a differning Eye, which does not fpring up in little Parcels here and there, but in one continued Stream, covering the whole Surface of the buttom of the continue that the strength of the continue the symmetric buttom of the continue that the con the Cave; having this remarkable Difference fr the Care's flaving this remarkable Dimeterace from continued to Vapours, that it does not, like Smoke, dilpried it felf into the Air, but quickly after its Rife, fails back again, and creams to the Earth, the Colour of the Sides of the Grates being the Meafure of its Afkent; for fo far it is of a darklift green, but higher only common Earth. And as I my left found no Inconveniency by flanding in it, io no Asimil, if its Head the above this March, is the least impaced. But the Head he above this March, is the least impaced. its Head be above this Mark, is the least injured. But when, as the manner is, a Dog, or any other Creature, is forelbly kept below it; or by reason of its Smallness, can't hold its Head above it; it presently, looks all Motion, falls down as dead, or in a Swoon, the Limbs convalied and trembling, till at latt no more Signs of Life appear, than a very week and almost infensible beating of pear, tann a very weak and amfort minerative beams, whe Head and Arteries a which if the Animal bo left a lit-tle longer, quickly ceafes too, and then the Cafe is ir-recoverable; but if finatched out, and laid in the open Air, foon comes to life again, and fooner if thrown into the adja-

The Fumes of the Grotto, the fame Author argues, are no real Poilon, but act chiefly by their Gravity; elfe the Crea-tures could not recover fo foon; or if they did, some Symptoms, as Faintness, &c. would be the Confequence of it. He adds, that in Creatures killed therewith, when diffected, no Marks such as Construct therewith, wene differed no Marks of Infection apply us, and that the Attack proceeds from a want of Air, which the Circulation tends to an entire Stoppage, and turn of much the more, as the Animal inferest a Fluid of a quite different Nature from the Air, and fo no ways fit to furply its Flue.

Taking the Animal our while alive and through it has

Taking the Animal out while alive, and throwing it into the neighbouring Lake, it recovers: This is owing to the Coldness of the Water, which promotes the Contraction of the Fibres, and so assists the retarded Circulation; the finall Portion of the Air which remains in the Vesiculæ, after every Expiration, may be fufficient to drive out the nexions Fluid.

After the fame manner, cold Water acts in a deliquium

Animi: The Lake of Anano has no other Virtue in it

more than others

There than delies.

Growth dell' Serpi, is a fubterraneous Cavern near the Village of Saffa, eight Miles from the City of Bruceaus in Indiy, effectived by Kirchey thus:

The Grotta delli Sarpi, is big enough to hold two Perfons; it is perforated with foveral fitting Appertures, fomesons, it is perforated with everal initial Apertures, iona-what in manner of a Sievo; out of which, at the beginning of the Spring Senfon, iffues a numerous Brood of young Snakes of divers Colours, but all free of any particular poi-

fonous Quality. In this Cave they expole their Lepers, Paralyticks, Ar-thriticks, and Elephantiae Parients quite naked; where, the Warmth of the fubterraneous Steams refolving them inthe Warmth of the fubrerraneous Steams reloving them uses Sweet, and the Serpents chinging variously all around, licking and fucking them, they become for theroughly freed of all their vitious Hamours, that upon repeating the Operation for form CTime, they became perfectly reliored.

This Care Kircher visited himself, and found it warm, the theory of the theory of the control of

This Care Kircher visited himical, and found it warm, and every way agreeable to the Defeription given of it. He faw the Holes, and heard a marmaring, hiding Notic in them. The he mild'd feeing the Serpens, it being not the Scafon of their recepting out; yet he faw a great Number of their feavile, or Stoughs, and an Elm growing hard by

laden with them.

laden with them.

The Discovery of this Cave, was by the Care of a Leper going from Rome to form Baths near this Place; who, loing his way, and being hen ighted, happen'd upon this Cave, and finding it very warm, pulied off his Cloaths, and being extra year diverge, that the good Fortune not to feet the Serpens about him till they had wrought his Care. Mußeum Wormion.

We also read of the Milky Grotto, or Crypta Latten, a Mile distant from the antient Village of Betblebom.

Mile distant from the articut Village of Zetiblehem. It is faid to be that denominated, on occation of the blef-fed Viggin, who let fall fome Drops of Milk in giving Suck to the little Jefus in this Grovite. And hence it has been commonly Juppoled, that the Earth of this Cavorn has the Vittue of referring Milk to Women that are grown dry, and even of curing Fevers.

oven of carling Fevers.

Accordingly, and According to the Fabber-An Altar has been built on the Paper, and a Charty juilt by it.

Gastero is also saided for a little stratical Editic made in the Gastero is also saided for a little stratical Editic made in The Outsides of their Gorents are usually adorned with Raufic Architecture, and their Inition with Stell-work, far-stalled illumits with various for Edisa, or Foanting (Sec. See Shell-Work. Sc.

The Grotto at Verfailles, is an excellent Piece of Building .- Solomon de Catte has an express Treatise of Grotton and Fountains. GROVE, in Agriculture, &c. a little thick Wood. See Wood.

The antient Romans had a fort of Groves near feveral

of their Temples, which were conferrated to fome God, and called Luci, by Antiphrafis, a non Incende, as being thady and dark. See Lucus.

and dark. Sec Lve'ss.

In very lærge and megnificent Gerdens, a Grove is slusily
a Fort of Tues, inciofed with Palifidels, confliting of tail
make a Tait or Flame, and flashe late Ground kelow.
At the Fost of the tail Tuest, which generally run all
along the Palifidels at coago Dilanes, order lefter Tuest
of a Kero of Copfe within the Grover.

GROUND; in adquicate, a Flace of Lund, or Sell a per
a Bortland of Lund, which is the state of a Kero of Early and the selfstate of Early and Selfse

GARDEN, &c. All Sorts of Land may be reduced to loggy or marfly,

All Sorts of Land may be recarced to 10023 or manpo, chalky, growelly, and floory. See Boo, Marsey, Citale, Sand, Gravel, G., Graune, in Painting, is the Surface, upon which the Figures, and other Objects, are railed or reprefented. See

PAINTING. PAINTING.

The Ground is properly underflood of fuch Parts of the Ficce as have nothing painted on them, but retain the original Colour apon, which the other Colours are applied to make the Representations. See Colours 180.

A Drapery, Piece of Building, the like, are faid to ferre as a Ground to a Figure, when the Figure is painted on the

Drapery or Building.

Deprey or Bullding.
In the like Southways, which of your office of the transfer of the southways, and the southways of the Southways, and the Southways of the Southways of the Southways of the Trailways, Estimated the Trailways, Boncars, Minna, Cons, 165.
The Grand of a Suickl or Electroches in Heraddry, is properly called the Field. See First.
properly called the Southways of the S

GROUPADES is corruptly used, in the Manage for

GROUPADES is corruptly used, in the manage for frontades, Sec Groupans. Painting and Sculpture, and GROUP, or Groupan, in Painting and Sculpture, and Affemblage or Knot of two or mere Figures of Men, Beafts, Fruits, or the like, which have fome apparent re-

in a good Painting, it is necessary that all the Figures be

In a good Pinting, it is neediny that all the Figures be divided into set of growth, or feptors Colicitons—Such as divided into set, of growth, or feptors Colicitons—Such as divided into set of different Nature and Kind. The metique Lamenties is a fine Group of three beautiful Figures. A Growth is somewhat in it of the Nature of a Symphony or Occaser to Viccito 3, in the one of Vicciton will distinct a Coliciton Coliciton

be found diffugueable.

There are two Starts of Groups, a row manner of conducting Groups; a with regard to the Delign, and to the Clair and the Groups; a with regard to the Delign, as a Combination of Groups; a with regard to the Delign, as Combination of Groups; with regard to the Delign, are Combination of Groups; with regard to the Delign, are Combination of Groups; with regard to the Delign, are Combination on account of the Adilon, or of their Promisity, or of the Elect they have. The we conceive, in tome meeting, as distilluing Harrier Markhour of meeting readings. Successive, Groups, with regard to the Clair obligate, Successive, Groups, with regard to the Clair obligate, Successive, Groups, with regard to the Clair obligate, Successive, and manner of the first the Groups; and the successive of the meaner that they first the By specific, and manner of the first the Markhour of the Manner of the High the Clair obligate, and manner of the meaner that they first the By specific, and manner of the Manner of the High the Clair obligate, and manner of the Manner of the High the Clair obligate, and manner of the Manner of the High the Clair obligate, and manner of the Manner of the High the Clair obligate, and manner of the Manner of the High the Clair obligate, and manner of the Ma right wherein the Lights and Shadows are drinned in fuch manner that they firlke the Eye together, and naturally lead it to confider them in one View. See CLAIR objective. The Word Grouppe is French, form'd of the Italian

Groppo, a Knot. In Architecture we fay a Group of Columns, speaking of three or four Columns join'd together on the same Pedeital.

Sec COLUMN. When there are but two together, we fay a couple, not a

Group of Columns. See Courle.
In Music, a Group is one of the Kinds of Diminutions

or Semiguavers tied togener, as Compoler. Compoler. GRABITARII, GRABBATARII, GRABBATARII, inAstiquity, were factored to the Compoler. GRABITARII, GRABBATARII, inAstiquity, were factored to the Composition of the Compositio

The Word is form'd of the Latin Grahamm, Bed; and that from the Greek yoekers; a Hamping Bed; of a sufficient of the Committee of the Committee of the Committee of the Committee of Laury and Edit GRUBHING a Cod.; a Term und oby Cock-Breeker, fee the cutting off the Feathers under the Wing.—It is a there in any handling Place. Soc Cone. 3 or Law.

GRUBHING the Committee of the C

pies or little Tumors, srifing upon the Face, chiefly the Alze of the Nofe. See Tuson, 25%. They are ufuelly owing to hard Drinking, and an oblitu-ded Peripiration, though natural in forme Conflictuitons— They begin with a fmall black Point, which gradually They begin with a foull black Feint, which gradually foreads; and fometimes the Matter tends to Suppuration, upon which the Heads of the Eruptions grow white or yellow—They are ufaulty reputed fast largey; whence to check their Growth fuddenly, has proved of ill Confequence. They

their Growth fuddents, has proved of ill Confequence. They are cured by Evacation, and actimonious Lotions.

GRUMÉ, Grunurs, in Medicine, 65°. A Particle of Blood, Milk, or other Fluid, which is cognized, thickend, harden'd, or not fufficiently thin, and diluted. See Eroon, fee allo Congunation, 65°.

Philifical Pooplo frequently fift up Grumes, i. e. Closs of

Phihifical People frequently flist up Germen, i.e. Cless of Blood. See Virusa. what we popularly call Gerds. See Miles, German, Ser. GRUMOUS Simed, in that State or Confidence of the Blood, wherein it is now vicio, and thick, for a due brisk the Capillary Verlins, and produced divern Diffician. See Luxwen, for all to Distance, See Cartery, for all the Distance, See Cartery, and the Capillary Verlins, and produced divern Diffician. See Luxwen, for all to Distance, See

GRUS, in Antiquity, a Dance perform d yearin yo the young Alberhaust, around the Temple of Afeilio, on the Day of the Delia. See Delia. The Motions and Figures of this Dance were very intri-eate, and variously internover, founce of them being istenda-ded to express the Windings of the Labyrinsh, wherein the

ed to expreis the Windings of the Labyrith, whorin the Minotaur was kill'd by Thefers. See Labretiny H. GRY, a Measure containing to 6 a Line. See Line. A Line is ty of a Digit; and a Digit; ty of a Poet; and a Philosophical Feet; of a Peedulum, whose Diadecenes, or Vibrations, in the Latitude of 45 Degrees, are each equal to one Second of Time, or \$\frac{1}{2}\$\text{of a Minone}\$. See Isen;

FOOT, PENDULUM, &c.
GRYPHUS, akind of Enigma; or an artful obcure De-feription of a Thing. See ÆRIOMA.
GUADAGE, or GWIDAGE, smoog our antient Writers,

GUADACI, or GUIDAUS, among our autient Writers, (cft quad daura dissu), in true conductart per terrora niterius; that which is given for fair Conduct through unknown Ways, or a ftrange Territory,
GUADUM, Guoan, in Natural Hiftery, an Herb by the autient Remains called Giaftum and Virtum; by the Greeks Ifaits; by the Britains Guadam; and by us now,

The antient Britains, Csfar informs us, painted their Faces with this Herb, to appear the more terrible to their Enemies. And Pliny relates, that the same was practiced

by the Women in divers Sacrifices. See Geass.
GUANNAGIUM. See WANNAGE.
GUARANTEE, or WARRANTEE, a Term relative to

Warrant, or Warranter; properly fignifying him whom the Warranter undertakes to indemnify, or fecure from Damage. See WARRANTER.

GUARANTER, or Guaranty, is more frequently used for a Warranter, or a Person who undertakes and obliges him-felf to foe a second Person personn, what he has stipulated to a third

to a three.

The Guarantee of a Treaty, is a Prince, or Power, pitchcd on by the treating Parties, to fee, or engage that each
slide full perform the Articles. The Guarantees of the
Treaty of Oliva, of Wifthholds. See See Treaty.

The antient Lords were obliged to Guaranty the Lands of their Vaffals, i. c. to defend them against their Enemies ; otherwise they lest their Fee, and their Vaffals were no uchesele, they left their Fee, and dist Volfats were no larger bound to do how Humaga and Sorvice-Kinga ideo did not forfeit their Fiels by not Gaucasping them; and you we read that Fourl, Coust of Experious, thereafor die he King of France, Hayle Gapte, to Vocar Feely to the Konzecci, in cite be did not gauzasping thin; and under Lewit the Young, the Count of Campingsvellal Homage to the Emperor, on the like Account. On Meaning, being To Gaurancy a Fee, held like Young Meaning, being add to descore, that where a Fer was divided between the

af long Notes, which in the Working, forms a fact of Group,
Like, Ball, er the Ille.

The Group deathy conflits of four Conchex, Quaver,
for Semigascen ted regelier, at the Differeion of the
Group deathy conflits of four Conchex, Quaver,
or Semigascen ted regelier, at the Differeion of the
GRABATARIJ (GABRATARIJ) (GABRATARIJ) (GABRATARIJ),
or GARADITARIJ, GABRATARIJ, GABRATARIJ,
or GARADITARIJA, GABRATARIJA, GABRATARIJA,
or GARADITARIJA, GABRATARIJA, GABR

WARD.

SOO WARD. The farm is also applied to a Writ relating to the Office of Ward, whereof there are three Kinds; one called drait de Garde; the Geood Ejediment de Garde; the third Revolument de Garde. See Ward and Guxuntaw. The Word is form'd of the French Garde, and that of the corrupt Latin Warda; and that of the German Wabren to keep

GUARD, in the military Senfe, is properly the Duty of Service done by the Soldiers, to fecure the Army or Place Service done by the Soldiers, to iccure the Army or Place from the Surprizes and Efforts of an Enemy. — Of this

there are divers Kinds, as

Main-Guard, is that from whence all the other Guards are detached. Those who are to mount the Guard, meet at the respective Captain's Quarters, and from thence go to the Parade; where, after the whole Guard is drawn up the finall Guards are detach'd for the Posts and Magazines; and then the fubaltern Officers throw Lots for their Guards, and then the meatern Officers throw Lets for their Grand and are commanded by the Captain of the Main-Guard.

Grand-Grand, confifs of three or four Squadrons of Horte.

commanded by a Field-Officer, and pofted before the Camp

on the Right and Left Wing, towards the Enemy; for the

on the Kight and Lett Wing, towards the Lindon's lot the Security of the Camp.

In a Camp every Batallion pulls a finall Guard, commanded by a fabaliera Officer, about 100 Yards before its Front. This is called the Quarter-Guard. As That finall Guard of Foot, which a Regiment of Horfe

counts in their Front under a Corporal, is called the Standard-Guard.

Student Genth.

There is also the Ficquet-Guard, which is a Num-ber of Horfs and Foot, who keep themselves always in a Readiness in case of an Alsem; the Horfes are fiddled, and the Riders booted all the while, and the Foot draw at the Head of the Barallon at the bearing of the Tattos, at the Head of the Batanien at the bearing of the Tattou, but afterwards return to their Tents, where they are in a Readlee's to march upon any fudden Alarm.—This Guard is to make Refiftance in cale of an Artack, till the Army an get ready.

can ger reasy.

Guard is particularly underfleed of a Soldier, as a Muf-queteer, Archer, or the like, detach'd from a Company or Corps, to protect, detain, or fecure any Person, or survey his Actions.

A Guard was fet over each Party, to prevent the Duel's taking Place.

taking Place.

The Term is also used for the Treops or Companies kept
put on guard the Klog; As in the following Articles—
Reyal Garasts, are beener safelf and maintained to guard
his Majetty's Person. See Kirson.
There are also Bodies of Guards to wait on the Princer

of the Blood, in the fame Capacity.

The Guards are diffinguished into Horse, Foot, Grana-

diers, and Teomen. The Horfe-Guards are diffinguish'd by Troops: First, seend, third, and fourth Troop of Horfe-Guards. See

The Fost-Guards are diffinguished by Regiments: First Regiment, Cold-Stream Regiment, Royal Regiment of Fost-Guards. See REGIMENT.

Guards, no doubt, are as antient as Monarchy. The remotest Antiquity afferds Inflances bereof; the Scripture mentions those of Saul the firll King of the People of God, 1 King six: r1. and those of Achis King of the Phillipines, 1 King xxviii. The Grecian Kings bad also their Guards: Juffin xxvii. The Green's Kings and not near Custavi. ** **Jatria** mentions thele of **Piffratus, Tyrant of **Athent, ib. 11. c, 8. thofe of the Tyrans of the fame City, chabifhed by **Ly-fauder, ib. v. e. 8. thofe of **Ayı King of **Sparra, ib. xii. c. 8. thele of the **Priesmy** Kings of **Agyrt, ib. xvi. c. s, **Se-** **Larquin** the **Priesmy** Kings of **Agyrt, ib. xvi. c. s, **Se-** **Larquin** the **Proof___is*** **B b b*** faid to have been the first who took Guards at Rome. Dionyf. Halicarnaffeus, lib. iv. and yet we find that Romalus form'd himfelf a Guard, confilling at first of 12 Lictors, and afterwards of 300 Soldiers, whom he called Celeres.

The Roman Emperors had, for their Guard, the Preto-rian Cohorts, established by Augustus, as Dion and Sucto-nius relate: Those of the Emperors of Constantinopte, were called Buccellarii. See Buccellarii; fcc alfo Domes-

called Muccellars. See EUCCRLANII; for and DOMESTICS and FOREXCENERS, Clonel of the Guards, Brigadier of the Guards, Exempt of the Guards, &c. See CAPTAIN, COLONIE, BRIGADIER, EXEMPT, C.C.
Técnes of the Guards. EXEMPT, C.C.
Técnes of the Guards. EXEMPT, C.C.
Técnes of the Guards. See Xiron N of the Guards. The French Guards are divided into those within, and the critism the blace: The first conflict of the Gardes is Corps, q. d. Body-Guard; part whereof are Gardes de la Manche, q. d. of the Elbow: The hundred Scriffes; and the Guards of the Gate.

The Guards without, are Gens d'Armes, Light-Hoefe. Mulqueteers, and two Regiments of Guards, the one of cb, the other Swift. See Genen'Armes

French, the other Swift. Sec Crawn Anasts.
The Garde Ac Corpt, or Life Gard, confills of our
The Garde Ac Corpt, or Life Gard, confills of our
The Garde Ac Corpt, or Life Gard, confills of our
Hill Residual Corpt, or Life Garden, and the
Hill Residual Corpt, or Life Corpt, or Life Garden
Hand, Not only the Name, but they allo restain the antient
Parals or Formula of andersing when called upon, I can
Thank or Formula of andersing when called upon, I can
Corpt VII. who be Color himself a Garden done of fach Sort
as were frent by the Earls of Buccan, Douglat, and other
Servel Lords, to drive our the English.

Pretorian GUARDS, | fee | PRETORIAN, White GUARDS, | Scholaris.

White Grans, \$\frac{1}{2}\text{Coop.nets.}\$

White Grans, is Belonding, an Affase or feiture proper to defend or freeze the Bedy from the Efforts, or Attacks or an Exemical Sweed—See Passaves and Dirarsas.

The analysis of the State of the Sweed and State of the Sweed which, it will be necessary to imagine a Circle drawn on an peright Wall, and divided into four Cardinal Point, vers, top, bottom, right, and left.

Now, when the Point of the Sweed is directed to the

top, bottom, right, am tert.

Now, when the Point of the Sword is directed to the bottom Point of the Circle, and confequently the Head of the Sword littled up to the top Point, with the Body inclining forwards; this is called Prime, or the frif Guará—The Recond Guard, which from improperly called the third, is when the Point of the Sword is directled to the right or fecond. when the Point of the Sword is directed to the right or fecond Point of the finant Circle, a Quadrant dillant from the first, a with the Fort of the Sword turn'd to the right, and the Body rated propersonably—Terese, or the third Ganars, is per-formed by directing the Sword's Foint to the uppermost Paint of the firme Circle dissecrateally opposite to that of Prime: In which Calle the Body, Arm, and Sword, are in their na-armal Disposition, being the Means between the Extremes of their Motion—Quart, or the fourth Guard, is when the Point of the Sword is directed to the fourth Point of the Cirele, defeending to the right as far as one fourth of Tierce with the external Sido of the Arm and the Flat of the Sword with the external Side of the Arm and the Fixt of the Sword rund towards the Ground 4 and the Body out of the Lline to the right, and the Fore of the Sword towards the Lline to the left—There is all 6 Swint, or a kind of fifth Garzel, be-ing the return of the Folia in the Sword on the right, after traversing the Circle, to the Folia of the Firms whence it reasons are the contractions of the Circle of the Folia of the Firms whence it had departed; and yer with a different Disposition of the Body, Arm, and Sword.

Thele Guards are also called Figures and Postures; and the common Centre of all their Moriens is to be in the Shoulder.
In all these Kinds of Guards, there are high advanced, high retired, and high intermediate Guards, when disposed high retrieva, and high intermediates Gararda, when diffued before the paper are of the Body, other with the Arm quite extended, quite withdrawn, or in a mens Susre-Mean drawned Garard, or Gruphy mean Garard, is when the surface of the paper of the Garard, is when the three drawned Garard, is when the three drawned control of the Gararda, are taked where the Arm and Sword are advanced, withdrawn, or, between the row is Extreme, before the lower part of the Body. Some will have "Province the principal Gararda, others, Quitarda, Some will have "Province the principal Gararda, others, Quitarda, which is not made of the Gararda, others, Quitarda, which is no made Gararda, Gararda, and Brand, the constitution of the Gararda, Gararda, and Brand, the Control of Trans, Great, Gararda, Gararda, and Gararda, and Gararda, Gararda, and Gar

ones, fuch as those of Prime, Second, Quart, and Quart. See Sword.

Sec Swords, in Aftronomy, is a Namo fonctimes applied to the two Sears neared the Pole, being in the hind part of the Chariot, at the Tail of the little Bear. See CYNONURA. Their Lengitude, Latitude, Cfc. See among these of the other Stars in the Contletation Unas arises.

One of them is the Pole Star. See Pole Star.

GUARDANT, or GARDANT, in Heraldry, a Term applied to a Lion or other Beaff when born in a Coat of Arms, full faced, or with his Face turned towards the Spechater, and thus appearing in a Pofture of Guard, and Defence.—The Heralds fay a Lion is never fo represented, but a Leopard

GUARDIAN, or GARDIAN, he to whom the Charge or Cuibody of any Person or Thing is committed. See WARD.

The Notion of Guardian Angels, is very antient in the See Damon In the Convents of Franciscaus, the Officer is called Guar-

In the Convense of Francibians, the Officer is called Garrian who in the relix called Objectors. See Government of the Control of the Control

The World Onlawston, with us, includes the Othices both of the Thirty and Curature of the Civilians: The Thirty, for inflance, bad the Government of a Youth, till he arrived as 14 Yetfas Aga. Sec Truvan. And the Curatur had the Dilipotition and ordering of his Effels, thence forward, till 2, Years of Age; or the Charge of a Lunatick, during his Lunary. See Curaton, all which Purpoles, our Guard. su alone answers.

We have three Kinds of Guardians: One appointed by the Father in his Will; another by the Judge afterwards; and a third east upon a Minor by the Caitom of the Land; But the antient Law relating to Guardians, is much alter'd by Stat. 12. Car. II. which ordains that, 'Where any Person has a Child under the Age of 21 Years, and unmarried at the Time of his Death, it shall be lawful for the Father of the Child, whether been at the Time of his Decease, or yet in weatre fa mere, either by Deed or Will, to dif-pole of the Catlody and Taition of such Child while unpole of the Cattody and Twition of tach Child white un-der Age, or for any leffer Time, to say Perfen, Poplift Recufants excepted: Which Difpofition Itall be good a-gainff all Perfon claiming fuch Child as Guardian in So-cage, or otherwise. And in Cafe the Father appoint no cage, or otherwise. Guardian, the Ordinary may appoint one to look to his Goods and Chattels till the Age of fourteen; at which Time the Child may chufe a Guardian himfelf. And I had the Canada, the next of kin on that fide by which the Lands deftends, shall not be Guardian, as beretufore in Case of a Tenure in Socage. See Socace.

Guardian of the Spiritualities, is he to whom the fpi-ritual Jurifdiction of a Diocese is committed, during the

Vacancy of the Sec. See VACANCY.

Vacency of the Sec. See Vacancy.

This Guardian may be either fuch in Law, i. e. Jure
Mogiliratus, as the Archbidhop is of any Diocete within
his Province; or by Delegation, as he whem the Archbidhop
or Vicar-General, does for the Time depute. See

thop or Vieler Central, does for the Time depart. See Vieles, 25c.

The Zhea Control of Control of Controloury, are Gandinar The Zhea Controloury, are Gandinar The Zhea Controloury, and American Consider release, that the Zheaman, after they had detailed themselves, and their Shapise to our Hand, appointed a Complete release, that the Zheaman, after they had detailed themselves, and their Shapise to our Hand, appointed a Complete Post in, which the Zheaman Controloury, and Controloury, and Controloury, and their Shapise to our Hand, appointed a Complete Post in, which the Title of Consectors Hand the Title of Consectors Hand and the Controloury, and the Controloury, and Control

gos and Kolberies of the Barbarius. And that Antiquare Lakes our Warden of the Cloque bears to have been recibed under the Control of the Control of the Proce.

GUARTING OF COURTS, as College of Edition 1807, and the Proce.

GUARTING OF COURTS, as College of Edition 1807, and The Court of Courts, as College Edition 1807, and The Courts of Courts, and Clicketine fill's Hady with Blood and Change for many Years. The Guide fine of the Court of the Same to be the Clarket of Courts of the Court of Court of the Court of the Court of the Court of Court of the Court of the Court of Court of the Court of Court of the Court of the Court of the Court of Court of the Cour

The Name Gueft is commonly fild to have been formal from that of Welfs, Welfs, on the following Occasion: The Emperor Courad III. having taken the Dutchy of Bassaria from Welfe VI. Borther of Harry Duke of Sawaria, Welfs, affilded by the Forces of Reger King of Sicily, made War on Courad, and thus gave Birth to the Faction of the Guelfs. Others challe rather to derive the Name Welfe from that

of Guelfen. Others, again, derive the Name Guelfi from the German Welff, on account of the grievous Evils com-mitted by that cruel Faction. Laftly, others derive the Denomination from that of a German called Guelfe, who lived at Piffaye; adding, that his Brother, named Gibel, gave the Name to the Gibellines: Under which Head, the Reader will find a more ample Account of the Origin and Hiftory

of those celebrated Factions, of thoid celebrated Factions.

GUERITE, in Fortification, a finall Tower of Wood or

Stone, placed usually on the Point of a Baftion, or on the

Angles of the Shoulder; to hold a Centinel, who is to take

care of the Ditch, and watch out against a Surprise—

re of the Ditch, and watch out against a SurprizeGUEST-TAKERS, or GIST-TAKERS. See Acistors

GUL.

GUET, a French Term of War, figuifying Watch; par-ticularly uted for a Person posted as a Sey in any Place, to have an Eye thereto, and give Notice of what passes. See

CENTINEL, SENTEN, Sc.

GUET is also used for a Corps de Garde posted at any
Pagage; or Company of Guards who go en the Patrol. See Some Officers are exempted from Guer and Guard, i. e.

Watch and Ward.

In the fame Sense they say Guet de Nuit, Night Watch:
Mot de Guet, Watch-Word: Guet Royal: Guet Bourgeoise, &c.
The Chevalier de Guet, is the Officer who commands the

The Covenier of Giret, is the Officer who commands the Gert Reyal, or Royal Warth.

GUBUN, a for of Flag, or Standard bere by the King's GUBON, a for of Flag, or Standard bere by the King's Guined at the other, and fill to re divided into two. See Fash, Grandard, Ed.

The Guidel to the Enlign or Flag of a Troop of Horfe-The Guidel to the Enlign or Flag.

Guards. See Guard.

GVIDON is also the Officer who bears the Guidon.

The Guidon is that in the Horfe-Guards, which the Enfign is in the Foot. See Ensign. The Guiden of a Troop of Horse takes place next below

the Cornet.

the Cerest.

Grinous, Girinous a, et debit Girilment, was a Cenpsiy of Freda, ellabilited by Christoniago at Reno, to Parlan, ellabilited by Christoniago at Reno, to Parlan, ellabilited by Christoniago at Reno, to Christonia at Reno, to MINICOUNCIL, CHAMBERLAIN, &C.
Here also the Judges fit upon Nift prins, &c.
GUINEA, a Gold Coin struck, and current in England.

The Value or Rate of Guinens has varied: It was first firmek on the Footing of 20 Shillings; by the Searcity of Gold it has fince advanced to 21 Shillings and 6 Pence; but is now funk to 21 Shillings.

now fank to at Shillings.

The Deand Weight Troy of Gold is set in or corporate. The Deand Weight Troy of Gold is set into Corporate The Deand Weight Troy of Gold where of the First west Track, was brought from that Part of Africa called Gainers, for which Readon it likewise Goulands and Gainers, was brought from that Part of Africa called Gainers, for which Readon it likewise Gainers, Gold Gainers, Science Gainers, Science Gainers, Science Gainers, Science Gainers, Science Gainers, Science Gainers, Gold Gainers, Science Gainers, Gold Gainers, Gold Gainers, Gold Gainers, Gold Gainers, Gold Gainers, Gai

DIGLUTITION. DIGIDITITION.

GULE, GURULE, or GOLA, in Architecture, a wavy
Member, whoic Contour retembles the Letter S, called by
the Greeks Communing, 4. a little Wave, and by our Workmen an Oger. See Cymarium and Ogan.

This Member is of two Kinds, retefa and inverfa:

This Member is of two Kinds, rettle and tweepfa: The first, and principal, has its Cavity above, and Convexity below. This always makes the Top of the Corona of the Cornice, jetting over the Dript of the Coronice like a Wave ready to fall.

It is called Gata rettle, and by the French Domeius. Sometimes it is abfolately called the Earthhaurr, as being the first or upperment) Member thereof. See Duscins,

the first of upperment memors therefore.

CORONA, CORNICE, 356.

The fector is just the reverse of the former, its Cavity being at the Bottom; so that it appears inverted, with regard to the former. This is used in the Architrave, and formetimes in the Cornice, along with the former, only separate to the former, only separate to the continues in the Cornice, along with the former, only separate to the continues in the Cornice, along with the former, only separate to the continues of the continu

tated by a Reglet. Some derive the Word from the Refemblance these Mem bers bear to the Gula, or Throat of a Man: Others from the Herald's Term Gules; as supposing the Moulding form-

od from the antient manner of wearing their Garments, which confided of Slips or Swarhs, siternately Fur and Stuff of various Colours; the Intervals between which, were called Gules or Guales.

called *Guttes* or *Guttes*. Hersidery, fignifies the Colour *Red.* See GULES, in Hersidery, fignifies the Colour, and Ren. The fame Colour, in the Costs of Noblemen, is, by fome, called *Ruby*; and in thole of forereign princes *Marsi*: but this is no finalifigrealties. See Marx 1, Parrows 5 vone. [56. In Engaving, *Gutes* is excreted by perpendicular Strekes drawn from the Top of the Efsecheno to the Dottem, with the Letter G.

This Colour is reputed a Symbol of Charity, Valour, Hardi-This colour is reputed a symbol or charity, Valour, Hard-nefs, Generofity; and repredents Blood Golour, Ginsabarand true Scarlet. It is the first of all Colours used in Armory, and is of that occount, that anticesty it was prohibited any Person to went Guler in his Coat Armour, buscs he were a Prince, or had Permission from the Prince. Spetims in his

Affiliaçia, fays this Colour was particularly honour'd by the Roman; as it had been before by the Trojan; and that they painted the Bodies of their Geds, and of their Generals that triumph'd, with Vermillian—Under the Confus, they painted the Bodies or their Georgia, and of their Georgia, reals that riumph'd, with Vermillion—Duder the Confus, the Roman Soldiers wore Red; whence they were denominated Revigiat. John de Bade Aures adds, that the Red Garment, which the Greeks call Phenician, and we Scar-Garment, which the Greeks call Phenician, and we Scar-let, was first used by the Romans, to prevent seeing of the

bet, wes first uield by the Roman, or proteins had we Searlise of life from Wounds in Fight.

In effect, Glatz has always been ethored an Impetial
Apparences included the search of the Rod Late,
Spansers, and Sosin, were of Red-Ind, and Rod Was;
Apparences, and Sosin, were of Red-Ind, and Rod Was;
Apparences, and Sosin, were of Red-Ind, and Rod Was;
A. More detress the Wed Glatz, Gowlan, from the
Hadrow Gland, and Guideli, a reddiffication of Shin apprior reproaches them in tegops to had; But Y. Morent
Hadrow Gland, and Guideli, a reddiffication of the
Hadrow Gland, and Guideli, a reddiffication of the
Hadrow Gland, and Guideli, a reddiffication of the
Hadrow Gland, and the search of the Hadrow
Hadrow Hadrow, the Hadrow Globel, Syrins, and
Hadrow Longers, the Hadrow Globel, Syrins, and
Hadrow Hadrow, the Hadrow Globel, Syrins, and
Guideline of the control Strainers: The Jords and
Chen, with Niest, derive the Name Gutet from Gui,
the Times of Annials, being personnial Red, a shone
GUILTH, or Guinnia, being personnial Red, a shone
GUILTH, or Gur, in Geography, a Am or o Part GUILTH, and GUILTH.

GULI-ET. Sec Uszephacus.

GULPH, or Gurz, in Gegraphy, an Arm or Part of
the Ocean running up within the Land.—Such is the Galph
of Venice, called allo the Adriance Ess as the Galph of Lysus,
the Gulph of Mexice, of Fortida, Sec. Sec Oceans.
A Galph is fittify diltingalished from a Suc, in that that
the latter is larger. Sec San. From a Ziny, or Sions, it
again dillingalished by its being greater than the fame.

again dillingalished by its being greater than the fame.

Sec BAY.

See Bay.

Some will have it effential to a Gulph, to run into the Land thor's Streight or narrow Pallige. See SPERIORY.

The See is always mold tangerous near Gulph, by reafon of the Currents being pennd up by the Shotes. The
Word a ferral of the Greek News, which Gulbert again
derives from the Liebrew DIV, Geb. Due Caupe derives it
from the Walvesou Latin Gulfan or Gulfan, which fignifica the fame Thing.

the time Thing.

GUM, Gumm, a vegetable fuice exfuding thro' the

Pores of certain Plants, and there hardening into a tenaci
ous transparent Mafs. See Plants.

Gum is properly one of the Juices of the Bark: It is

Gmm is properly one of the Juices of the Bark: It is drawn thence by the Sun's Warmth, in Form of a glutinous Humour; and by the fame Caule is afterwards in injuffated, concocked, and render'd tenancious

The Character of Gmmt, whereby they are diffinguished from Refus and other regreable Juices, is, that they are diffiduble in Water, and at the fame Time inflammable by

difficultie in water, and at the tame Time rathammable by Fire. See Massrauus, Warts, and Fires. In the general they are more vicid, and lefs firiable, and generally difficultie in any squeeza Mentrusum, whereas Mcfins are more fulphurous, and require a fpirituous Dilloivent. Parsthauer, conflicts a Germ as a fetr of fipcanecous Fatz, which bendle in only Principle in common with a Refin, has form other lippedient that renders it mitchly with Wa-has form other lippedient that renders it mitchly with Wa-Sec RESIN

Guss are different, according to the different Trees, Roots, &c. they ouse from : Seme Authors diffinguish them into Aguesus, and Resmoss Gunt: The first, those diffolu-ble in Water, Wine, and the like Fluids; The fecond, these only diffoluble in Oil.

To thele two fome add a third anomalous Kind, vis thole foluble with much Difficulty either in Water or Oil. Among the Class of Guns are usually ranked, Gum-Anima

Antong the Clair of vertice for quality traces, corns. Attiva, Arabic, Gattit, Advaganth, Ammoniac, Affa Farida, Bidelium, Badm., Benjons, Campbor, Copal, Eleng, Frankmente, Euphorbium, Galbaums, Lacca, Manna, Myrrh, Oilhaums, Sugapeums, Samquis Draconis, Saroscolla, Saalle, Syroxa, Vacamabacha, Varpentine. See each described un-

Storax, y acamanators, y urpenture. See each sections under its proper Article.

Theophrafius speaks of a way of multiplying Plants, performal for Lachryman, by means of the Game or Refin abut Agricula takes this to be only practicable where there arc Seeds in the Gum.

Gun. Anima, or Animi, is a refinous Juice onsing from a Tree by the Portugueze called Courbari, growing in divers Parts of America

vees Farts of Jonevice.

This Com is very hard and transparent, of an agreeable

Smell, not unlike Amber: It neither difficives in Water nor

Oil, and consequently is not properly accounted a Gam. Ia

lieu of this, they frequently rubilitute Copal.

**The Committee of the Commi

Gen. Arabic, call'd alle Televic, Servicescate, Babylonite, and Achastine, from the Places or the Tree which produce it, is the Jusic or a little Tree growing in Egypt, of the Colffle Riod, called in Latin Acasta fitti Scorpinder Leginings. The very transferrant, guilations upon the Tengue, almost infipld to the Talte, and twifted formewhat in form or of a Worm.

It is effected good to incredite, to flop the Peecs, blust the Fouris of too paugest Medicines, and temper the Acti-Cons-Getta, or Getta-Gentle, or Getta-Gentle, Getta-Gentle, or Getta-Gentle, or Getta-Gentle, from the Kingdom of Xum, &c. in large Pleces fallings not unlike Susciege, hard, britte, and very yellow, Sundanger Combination of Complex of the Complex of the Medicard Tom Infections under la table of pickley interna-tional Complex of the Complex of the Complex of the Complex of the Medicard Tom Infections under la table of pickley interna-

If ouzed from incinous made in a kind of purely which climbs up the neighboaring Trees, It parges violently both upwards and drawwards; and is particularly tied in Dropfles, the litch, 2%, but it is dangerous, it forms also to make a yellow Colour, for painting in Miniature. See Miniature 2.

Gum-Sonegal, is the Gum ordinarily fold by the Druggifts For Gum Arabic, which it refembles very nearly both as to Form and Virtuo: It is either white bordering on the yel-low, or of a deep Amber Colour, transparent, Se. It once 10w, of of a deep Ameer Colour, trainparent, 20c. If oases out of a prickly Shrab common consign in Africa. The Gam is brought as from Senegel, whence its Name.— Gunsan-Refin, or Gam-Refin, is a hardend Juice of a middle Nature between a Gam and a Refin, being both diffellable in aqueous Menfruans like a Gam; and in olea-diffellable in aqueous Menfruans like a Gam; and in olea-

ce a Refin.

ginoss ones like a Regist.
Such are Mastle, Campinor, Storax, Ec.
Some Naturalitis make a Class of Pregular Gummo Refinis, being fuch as diffolye, the 'with Difficulty, and not
perfectly, both in aqueous and eleginous Liquors; as *#dellimitation**. um, Myrrh, &cc.

Gum, among Gardeners, is a Difease incident to Fruit Trees, of the Stone kind, as Peaches, Plumbs, Apricots, Cherries, &c. See Disease, &c.

The Gum is a kind of Gaogrene, arifing from a Corrup The Gimi is a kind of Gangrene, ariting from a Corrup-tion of the Sap, which extravisites and hardens. It ulasily begins on fome naked or boken Part, and Ipreads it felf to the reft. To avoid its fpreading, M. Quantanie directs to cut off the morbid Branch two or three Inches below the Part subsection.

Parts affecked.
This Gran is no more than a take, disresperd, rickle This Gran is offered to the part of the Period of the Flexo of the Bedy of the Tree, to feed and largely them, is beligted, by the Provision of other faceceding Juice, to burth its Veifelts, which lie between the Wood and Bark, and to when the Wood was been provided by the Wood with the Wood was the

clap'd on the Wound, and cover'd over with a linnen Cloth, ticd down .-GUN, 2 Fire-Arm, or Weapon of Offence, which forci-bly diffcharges a Ball, Shot, or other offenfive Matter, thro a Cylindrical Barrel, by means of Gun-powder. See Ball,

a Cylindricat barret, by means to compare the Gun-rowning, Anat, &c.
Gun-rowning, Anat, &c.
Gun is a general Name, under which are included divors, or even most Species of Fire-Arms: They may be
divided into great and finall.

divided into great and man.

Great-Guns, called by the general Name Gamon, make
what we call Ordannes, or Artillery; under which come
the feveral Sorts of Camon, as Camon-Royal, DomiConnon, &c. Culverius, Demi-Culvers, Schers, Minton, Falcons, &c. See Ordanancs; fee also Cannon, Culverain, &c.

Caroll & one include.

Small Arms include
Muskets, Musketons, Carabines, Blunderbuffes, Fowling-Pieces, &c. See Carabine, Musket, Fowling-Pieces,

Piffels and Mortars are almost the only Kinds of regular Weapons charged with Gun-powder, that are excepted from the Denomination of Guns. See Montan and Pistor.

For the Hiftory and Inven-For the Hillory and Inven-tion of Guns,
For the Ufe and Applica
See Cannon and Gun-For the Ufe and Applica
Gunnery. tion of Guns,

tion of tenus, GUNNERS, Officers of the Tower, and other Gard-fons, whose Business is to manage and look after the Ord-nance mounted on the Lines and Bartenies, which are all fixed and ready with Caron-thes and Ball, for Service, on

fixed and ready with Cartosches and Hall, for Service, on the fiberted Warning—One or more of them are on Duty Day and Night. See Ordnance and Towers. Matter-Gennan of England, is an Officer appointed to teach and infrared all fach as defire to learn the Art of Gallreach and natured all tean as define to team the Are of Gen-nery, and to admittaler to revery Scholar an Oath, which, bedde the Davy of Allegiance, obliges him not to feree any foreign Prince or State without Leave; no to teach the Are of Gunnery to any, but lich as have taken the fail Oath; and to certify to the Matter of the Ordnance, the Sufficient of any Perion recommended to be one of his Majeity's Gun-

ners.

The Gamer, Sir J. Mosr observes, should know his Pieces, and their Names, which are taken from the Height of the Bore, the Names of the feveral Parts of a Piece of Ordnasce, how to tertilate his Gun, and how odifpart it.
See Ordnaskes, Tarlivars, Distract, Sig. GUNNERY, the Art of shooting with Guns and Morter and Company of the Company

tars, i. c. of charging, directing, and exploding thele Fire-

Arms to the best Advantage. See Gun and Mortan.
Gunners is sometimes confidered as a part of the military Art, and sometimes of Pyrotechny. See War and Pyrotechny.

ROYECHWY.

To the Art of Gunnery belongs the Knowledge of the Force, and Effect of Gun-powder, the Dimensions of Fices, and the Proportions of Prowder and Ball they carry; with the Methods of Managing, Charging, Pointing, Spung. g.G. See Gun-rowerks, Charles, Pointing, Spung.

Some Parts of Gunnery are brought under mathematical Confideration, which among Mathematicians are called ab-folutely by the Name Gunnery, viz. the Method of elevafoluctly by the Name Gumiery, via, the Method of electring or railing the Fleec to any given Angle, and of computing its Runge, or of railing and directing it is, as it may tain at the second of the

rection or lilevarion the Piece is in, is found to be the fame with that of all other Projectiles, viz. a Parabola. See Pa-

RABOLA. Hence, the particular Laws observed in the Motion or Flight of the Ball, its Velocity, Extent, &c. with the Rules for hitting Objects, are delivered under the Article PROJECTIER.

tide Engrerrie. Buggide Engineer, is mentioned as the Perform Addition, in Buggide Engineer, is mentioned as the Performance and the Performance of the Performance of the Performance of Engineer (1944) but all this Knowledge was experimental and rentative, but have been been found to be performed in the Falling, nor of the Difference of Range at different Elication and Performance of the Pe

we owe to Galiles Registers to the Grand Duke of Taglesty, and its Bibliosi's Provinciant. In Proc. we find, heavy proceeds in a flucight Line towards the Fixe it is levelled at, please to be tagles as the Legiste as fire from in Line of Duckline the Memorat is the stages to rife from in Line of Duckline the Memorat is the stages to rife from in Line of Duckline the Memorat desired that the stages of the

as mány at 50 as 60, and 60 of others.
It has been fluore, that to find the different Ranges of a Ficce of Artillery in all Elevations, we mush, 1/6. Make a very exact Experiment by firing off a Ficce of Camon, or Mortar, at an Angle well known, and measuring the Range, the mich all the Examples wellthing for the one for the control of the control o made, with all the Exactness possible; for by one Experi-ment well made, we may come at the Knowledge of all others, in the following Manner.

enters, in the following Manner.

To find the Runge of a Fixes, at any other Elevation required, 49, as the Sine of double the Angle under which required, 49, as the Sine of double the Angle and other the Angle and other the Angle and the Angle angle and the Angle and

rification, 25°. depred wholly thereon. See Gun, Oan-stance, Four-First-Arron, 25°.

The Invariant of Gun-peoder is adribed by Phylopher Fir-Composition in Moreita, regarded by the General Composition in Moreita, regarded by the Stone, it happend to take Fire, and blow up the Stone, Thereof Pays, the Jerôm here Grieber of, was a Monk of Theory flays, the Jerôm here Grieber of, was a Monk of The Composition of the State of the Composition of the Composition of the Composition of the Theory of the Composition of the Composition of the Composition of the State of the Composition of the Composition of the Composition of the State of the Composition of t Bartholdus Schwarte, or the Black : At least it is affirm'd,

he first taught the Use of it to the Venetians, in the Year 1380, during the War with the Genoese; and that it was first impleyed in a Place antienty califed Fight Condenses, now Congress, against Laurence de Medicis; and that all Kady made Compilatus against it, as a manifelt Contraveotion of a fair Warfare.

tion of a fair Warfare.

But what controlleds his Account, and those Gom. percelor
of an older Ren, is, that Pieer Neiffler, in his version Readings, mentions, a that he After Young belonged in 1445, by
any mention, a that he After Young he Heigel at 1445, by
the state of the After State of the After State of the After
Moirists spon there, which made a Noice the Tomadere
which is feconded by what Pieer Pieer Billing of Lear relates in his Chronicle of King, Afternity who reduced Tiledo, wit, that in a See Combain between the King of Tarit,
and the Morelle King of Servit, above one Years 1940, the After
Thurder-Policy of Fire.

The Warder-Policy of Fire. threw Thunder-bolts of Fire.

Du Gauge adds, that there is mention made of it in the Registers of the Chambers of Accounts in France as early

as the Year 1338. See Cannon.

To fay no more, it appears that our Roger Bason knew of Gun-peopler 150 Years before Schwartz was born: That excellent Friar mentions the Composition in express Terms, execution Frair mentions the Composition in experts Terms, in his Texarife & Nulliture Magie, publish da to Agrier lin 1116. The Arguery Library of Salphur, Pitter, and Charcoal, "Agri &c, by only taking Salphur, Pitter, and Charcoal, which fingly have no Effect, but mix'd together, and confined in a clofe Place, cause a Notice and Explosion. greater than that of a Clap of Thunder.'

There are divers Compositions of Gus-powder, with re-fpect to the Proportions of the three lagredients; to be met with: 'n Pyrotechnical Writers: But the Process is much

the fame in all.

The Sulphur and Salt-peter being purified, and reduced
to Fowder, are put, with the Charcoal-Duft, in a Mortar,
moiften'd with Water or Spirits of Wine, or the like, and
the state of the Salt-peter spine Care to wet the Mais pounded 24 Hours together; taking Care to wet the Mals from time to time, to prevent its taking Fire: Laftly, fquee-zing it through a Sieve, it is formed into little Grains, or Globules; which being dried, the Powder is compleat; and the least Spark being firuck thereon from a Steel and Flint, the whole will be immediately inflam'd, and burst out with extreme Violence.

manner that the Vepour of Water rathers one of an Adaphay, the Salphar allo Sheiny valuella, to converted mo Vepour, the Salphar allo Sheiny valuella, to converted mo Vepour, and the Salphare, namely, then which distill under a Roll I not Oli of Salphare, control, the Nitre, and the first Body of the Nitre, and the Salphare than the S manner that the Vapour of Water ruthes out of an Æolipile;

The Explotion of Ginn, powder arties, therefore, from the violent Action whereby all the Mixture being quickly and vehomently heated, is rarified and converted into Fume and Vapour; which Vapour, by the Voicince of that Action, becoming to bor as to finite, appears in the Form of Fume.

Sec FIRE. M. de la Hire afcribes all the Force and Effect of Gun M. & la Hare steriles all the Force and Effect of Gin-ponders, to the Spring or Elithicity of the Air, lackfed in the feveral Grains thereof, and in the Intervals or Spatial between the Grains: The Powder being kinded, Spates Springs of for many little Parcels of Air a-playing, and the larse them all at once, a where all the Effects, the Air in tifelf only ferving to light a Fire which may pure A Air in Action; after which the whole is done by the Air alone.

GUN-POWDER is a Commodity of fuch Confequence, both GENE-FORWER IS a Commodity of fight Confequence, both incyfogs of Spocialistion, of War, and of Commerces (the Confumption thereof being incredible,) that it will deferve a more particular Detail—To make Guns-founder deally, then, Rogard is to be had, that the Satis-Peter's to pure, and in large Cryllais or Shoodings: Otherwife, it is to be partified, by taking away in fix d or common Gait, and carried place, then Diffuser to Pound of Nitre, in a fulfaction Quantity of Est

Water, fettle, filtrate, and evaporate it in a glazed Veffel, to the Diminstion of ball, or till a Politic appear on its a Cellar. In twenty-loss III and III a Furnace win a mocrane Fire, which gradually encrease till it begins to finoke, evaporate, locke its Humidity, and grow very white: It must be kept continually filtring with a Ludle, but fear it finual framer to its former Figure, where-by its Greafinesh will be taken away; after that, to much Water is to be poured into the Kettle, as will cover the Nitre, and when its distolved and reduced to the Conflictcy of a thick Liquor, it must be stirred with a Ladle, with out Intermission, till all the Mossture is again evaporated

out information, till all the Moisture is again evajorated, and it he reduced to a day and white Meal.

The like Regard is to be had to the Salphur, challing that which is the large Lumps, clear and perfectly yellow, not very hard nor compact, but perous; nor yet too much finding; and if when fet on the 'five, it freely burns awy all, leaving little or no renders Matter, this a fign of its Conductly is followed by its period between two Iron Conductly is followed by its period between two Iron Conductly is followed by its period between two Iron Conductly is followed by the March Matter and the Matt Goodnef, 'to likewith if it he profied between two lone Plates that are host enough to make it run, and in the ran-ning appear yolow, and that which remains of a reddift. Coton; it may be concluded to be fit for the parpofe—like the reddift of the reddift of the reddift of the reddift. Of the reddift of the reddift of the reddift of the hist manner and the field and impact, it may be rejected in which we have the reddift of the Sulphut; the field is preddift of the reddift of the fittin it through a death Linearo Coch, betting it pain at behind in the Colo, were though off long better remaining behind in the Cloth

For the Charcoal, the third Ingredient, such should be chosen as is large, clear, free from Knots, well burnt, and cleaving.

There are three Kinds of Powder, viz. Cannon-Powder, Masker-Powder, and Piftsi-Powder, of each of thele again there are two Sorts, a firenger and a weaker; all which Differences arife only from the various Proportions.

ferences aiffe only from the various Proportions.

The Proportions are than it in the injunction Proportion The Proportion of Sulphara are generally allowed, with the time Quantity of Galarcall, and in the weaker Games-Peredict, to every a soft Charcall, and in the weaker Games-Peredict, to every a sof Charcall. As for the frunger Model Privater, to handed Pounds of Salt-Peter require 15 Younds of Sulphar, and as of Charcall, and in the weaker there, po as a humorid Pounds of Salt-Peter require 2 Philas-Peredict, as a bound of Salt-Peter require as the weaker has the hand of Salt-Peter require as of Salt-Peter require as the weaker has the handed Pounds of Salt-Peter require as of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has no handed Pounds of Salt-Peter require as the weaker has not handed Pounds of Salt-Peter require as the weaker has not handed Pounds of Salt-Peter require as the weaker has not have the salt the salt that the salt tha of Sulphur, and but 18 of Charcoal Other Authors profesible other Pre-

Other Authors preferibe other Proportions: Semienowicz, for Mortars, directs an hundred Pounds of Salt-Peter, 25 of Salphur, and as many of Charcoal: For great Guns, an hun-dred Pounds of Salt-Peter, 13 of Sulphur, and 18 of Salt-Peter: For Mankers and Piftols, an hundred Pounds of Salt-Peter, 8 of Sulphur, and 10 of Charcoal.

Mieshius extols the Proportion of one Pound of Salt-Peter to three Ounces of Charcoal; and two, or two and a quarter of Sulphur: than which, he affirms, no Gun-powder can

possibly be stronger.

He adds, that the usual Practice of making the Gamporter weaker for Morters, than Gune, as in the Example above, is without any Foundation, and renders the Expense anove, is without any roundation, and reflects the Expense medicity much greater: For, whereas to load a large Mor-ter, 14 Pounds of common Powder is required, and confe-quently to load it ten times 240 Pounds 4 he fhews, by Cal-culation, that the fame Riffect would be had by 180 Pounds

of the firong Powder.

As to the Process of making the Gun-powder: All the of the streng Position, of making the Gau-position. All the largedisens are fair to be finely positively, the modificate with fair Water, or Vinegar, or Spirit of Witer, or with the water, or Vinegar, or Spirit of Witer, or with the standard positive of the strength of the standard positive of the standard positive of as Hours at test, and then general after the following as Hours at test, and then general after the following the standard with the standard positive of as Hours at test, and then general standard with the standard positive of For greater Quantities, Mills are usually provided, by Compassion are used: In Oughtree's and Brown's, flat Commens of which, more Work may be performed in one Day, pastics, or an opening Index; and in the Sliding Rules no Compassion and the Compassion and Comp Gim-Powder may slib be made of feveral Colours, but the Black is the molt ferviceable of any. To make White-

the Basic is the modi fewleculus of new, To make Write-Pounder, proceed full Sile Dicture, one of Sulphyn, and swe present proceed for the Sile Dicture, one of Sulphyn, and swe of the Silve duit of Eder or the like Wood pouder! fine, a mix them tagether, and at the former Method—Or thus, with tem Reades of Nire, and a Tound mad a buff of duity of the Sile of Sile of Sile of the Sile of the Sile of the col, with two Pounds and three Owners of Sult of Tarrey, The sile on he mostly date in Madigary (Fight Pouley, for you would have it incoger, it floudd be firred up fewer! Times while in the Morra, and modified with Ware af

ftill'd from Orange or Lemmon-peels in an Alembick, and

still'd from Orange or Lemmon-peers in an ALEMBORE, and then best for 24 Hours, as aftertaid.

**Corn-Porader is of fo much greater Force than when in Dutl or Meal, that 'tis concluded, the larger Grains are fironger than the finaller; for which Reatin Camass-Powder is gratuatted larger than other Powders; and therefore the state of the stat Potender in loading should not be beat home into the Piece, fo as to bruife the Grains.

There are three Ways to prove the Goodness of Gun-powder, t. By Sight, for if it be too black, it is too moift, or has too much Charcoal in it; so also if rubbed upon white Paper, it blackens it more than good Pounder does Payer, it blackens it more than good Pronder does is but if it best kind of Aure Colour, fonewhet neiting to Red, visa figu of good Pronder. 1. By Tucking, for it in crashing it with your Figure Ends, the Grains broke cally and run ico Duli without Scellag hard; it has too much Cat lo it, or if in prefilm under your Fingers pay on a financh hand or if in prefilm under your Fingers pay on a financh hand with the Red of the Pronder a negative in not well mixed with the Nite, and the Pronder a negative. 1. By Barring, wherein little Heaps of Pronder are laid upon White Payer three Indies or more slunder, and one of them fined? three Inches or more alunder, and one of them fired; which if it only fires all away, and that fuddenly and almost which is it only nees to away, and the color and make a fmall thundering Noife, and a white Smoke rifes in the Air almost like a Circle, the Powder is good; if it leaves black Marks, like a Girele, the Fornder is good; if it leaves back Marks, it has too much Ooal, or is not well barns: If it leaves a Greafined, the Sulphur or Nitre are not well cleanfed or oedered. Again, if two or three Corns be had one Paper as lack dilisant, and like be put to one of them, and they all like the saving no Sigo behind, but a white fmostly Colour in the Pace, and the Paper not touched; the Observation of the Colour in the Pace, and the Paper not touched; the Observation of the Colour in the Pace, and the Paper not touched; the Observation of the Colour in the Pace, and the Paper not touched; the Observation of the Colour in the Pace, and the Paper not touched; the Observation of the not: but if black Knots appear which burn the Place where Proof was made after firing, 'tis not firong enough, but was Nitre.

chough, but was Nitre.

To recover damaged Pounder, the Method of the Powder-Merchants is to pur part of the Powder on a Sailcloth, to which they add an equal Weight of what is equally good is and with a Shovel mingle it well regetter, drylt in the Sue,

and with a Shorel unique it well together, dry it in the Soot, and barriel it ap, seeping it in a 47 and proper Piece.

Others again, if it be very land, refinee it by moil's ingite.

Others again, if it be very land, refinee it by moil's ingite fine, fearce it, and to every Pound of Parnder, reld an Ounce, an Ounce and half, or two Ounces (according as the decay'd) of melled \$81-Peters, afterwards their for its decay'd) of melled \$81-Peters, afterwards their former in the complete of the second dient are to be moilten'd and mixed well, for than nothing to carrie the Wales. Comprisitions, which may be known be cutting the Wales. by curring the Mais, and then they granulate as aforefaid.

In Cale the Poeter be in a manner quite spoiled, the only way is to extract the Salt-Peter with Water according to

the usual manner, by boiling, filtrating, evaporating, and crystallizing; and then with fresh Sulphur and Charcoal,

end think in the company, actually, designating, and charged, to make it up a new again. The higher and Charces, to make it up a new again. So that the company is the company of the comp

Spiral, by Brown.

The Method of using or applying it, is much the same in all; except that in Gunter's and Wingate's way; common

Defeription of Guntun's-Line, or the Line of

Excurrent of convex. Line, or the Line of the Convergence of the Conve

A vobole Number under four Figures being given, to find the Paint on the Line of Numbers that represents the

Look for the first Figure of the Number among the large Look for the mit rigare of the Number smoog the large figured Division; this leads you to the first ligare of your Number. For the scend, count is many Tenthe from that Division forwards, as that second Figure amounts to. For the third Figure, count from the last Tenth is many Cen-tre of the Second Figure and the Second Figure and the Figure, count from higher condition. And is for the fourth Figure, to the second from the second first the second fourth Figure has Units, or is in Volume, the Live of Point where the Number purposeded is on the Live of Point where the Number propounded is, on the Line of Numbers.

umbers.

For an Example—To find the Point reptefenting the
umber 1728—for 1000 take the first grand Division mark-Number 1738—für 1000 take the first grand Division marked 1 on the Lines then for 7 reckon fower Brashs forwards, this is 7005 for 5, reckon two Centesian from the fermath Tenth 3, and for 8, estimate the following Centering to be divided into 10 Parts, if it to not expected, which is Lines of ordinary Length cannot be done) and 8 are the Market Parts, in the precise Point in for 1736, the Number proposed to be found and the lite of any other Number.

the Number proposes as no secure.

To find a Freelion, confider that the Line property only expressed decimal Freelions, as thus, \$\frac{1}{\sigma_0}\times \frac{1}{\sigma_0}\times \frac{1}{\sigma So that for other Fractions, as Quarters, Haif Quarters, &c. you must either estimate them as near as you can reasonably, or esse reduce them into Decimals.

Use of Gunter's-Line, or the Line of Numbers.

1º Two Numbers being given, to find a third geometrically proportional to thom; and to three a fourth Number, to tour a fifth, \$G_c\$—Extend the Compaffes on the Line from one Number to aucthor; then that Extent applied upwards or downwards, as you would either increase or distinct by Number from giving of the Number for giving of the Number apwards or downwards, as you would circum increate or cum-minifi the Namber from either of the Numbers, the move-able Point will fall on the third proportion. Number re-quired. Again, the fame Extent applied the fame way from the third, will give a fourth; and from the fourth a fth, &c.

fifth, Ec.
For Example—Let the two Numbers 1 and 4 be propofed to find 2 third Proportional, Ec. to them; extend the
Compatite on the first Part of the Line of Numbers, from
10 4, which done, and the Sume Exam being applied apwards from 4, the moveable Point will fill on 8, the third
Proportional required; and from 8 it will reach to 16, the
Compatible Compatible 1 and from 6 it will reach to 16, the
Compatible Compatible 1 and from 6 it will be 26. Com fourth Proportional; and from 16 to 32 the fifth, &c. Con-trariwife, if you would diminish, as from 4 to 2, the move-able Point will fall on 1, and from 1 to 10 or .5; and from .5 to .25, &c.

5 to 1.5, E'c. But, generally, in this, and most other Works, make use of the small Divisions in the middle of the Line; that you may be better estimate the Frickions of the Numbers you make use of; for how much you mils to setting the Com-passite to the first and second Term, to much the more you when the court is a herefore the middle Part will be and a selection. with the trib to coattal, intercere the mindre Park with the most useful. For Example; as 8 to 11, so is 12 to 16, .50, if you imagine one integer to be divided but into 10 Parts, as they are on the Line on a two foot Rule.

2° One Number being given to be multifiled by another, to Multiplicator, and the Grenefast from 1 to the Multiplicator, and the fame Extent applied the fame way from the Multiplicand, will make the enovesible Point fail on the Frederic Thus, if he given to be multiplied by 5 extending the Companies from 1 to 5, the fame Exzent will exact from 6 to 50, the Product Googht.

5° One Number being given to be divided by another, to find the Quotient-Extend the Compaffes from the Divi for E.gr. 15. to 1, and the fame Extent will reach from the Dividend E. gr. 750, to the Quotient 305 or, extend the Compaffer from the Divifor to the Dividend, the fame Extent will reach the fame way from 1 to the Quotient.

4º Three Numbers being given, to find a fourth in di-reft Proparion—Extend the Compalities from the firlt Num-ber, suppole, to the Scond, e.g. 12: that done, the same Extent applied the same way from the third, 22, will reach to the fourth Proportional Scapht, viz. 44.

50 Three Numbers being given, to find a fourth in In-orfe Proportion—Extend the Compaffes from the first of the given Numbers, fuppole 66, to the fected of the farme Denomination, viv. 20; if the Dillance be applied from the third!Number backwards, 5, it will reach to the fourth Number fought, 25.

6° Three Numbers being given, to find a fourth in dufficies Proportion—If the Denominations of the first and Second Terms be Lines, extend the Compatitios from the first Term to the (cond.) of the time Denomination : This done, that Extent being applied swice the fame way from the third Term, the moveable Point will fall on the fourth Term required. E. gr. the Area of a Circle, whole fourth Term required. E. gr. the Area of a Circle, whose Diameter is 14, being 174, what will the Content of a Cir-cle be, whose Diameter is 18; applying that Excent the fame way from 174 twice, the moveable Point will fall on 616, the fourth Proportional or Area fought.

1° To find a mean Proportional between two given Nambers-Biffect the Diffance between the given Numbers, the Polato & Bicklöten will fall on the mean Proportional fought. Thus the Quetient of the two Extremes divided by one another. Extremes being 8 and 2, the middle Point between them will be found 16.

89 To find two mean Proportionals between two given Lines—Triffect the Space between the two given Extremes, the two Points of Triffection will give the two Means required-Thus if 8 and 27 be the two given Extremes, the two Means will be found 12 and 18.

9° To find the Square Rost of any Number under 1000000 —The Square Rost of a Number is always a mean Propor-between t, and the Number whofe Rost is required; yet with this general Caution, that if the Figures of the Numwith this general Caution, that it the Figures of the Nath-ber be even, that is, 2,4,6,8,1,0,56. then you mult look for the Unit at the beginning of the Line, and the Namber in the fecond Patr or Radius, and the Root in the fift Part; or rather recken to at the End to be Unity; and then both Root and Square will fall backwards towards the Middle in the fecond Length or Part of the Line-If they be odd, the Middle 1 will be most convenient to be counted Unity, and both Root and Square will be found from thence for-wards towards 10—On this Principle the Square Root of 9 will be found to be 3; the Square Root of 64, to be

10° To find the Cube Root of thy Number under Proportionals between 1 and the Number given, and therefore to be found by triffecting the Space between them.
Thus the Cube Root of 1728 will be found 12; the Root of

Thus the Gabe Root of 1738 will be found 12; the Root of 17380, nearly 26; the Root of 17380, and short 56.

Though the Point on the Line reprefenting all the figure Numbers is in one Place, yet by altering the Unit, it produces various Points and Numbers for their respective Roots. —The Rule to find this, is to put Dots, or suppose them put over the first Figure to the Left-hand, the fourth Fi-

per over the first Figure to the Xef-hand, the Durch 18-grae, the ferenth, and the tenth if the on the II Dec on the I feeth-hand fills on the lift Figure, as it does in 17-8, the Unit must be spheed at a in the Middle of the Line, and the Kord the England II of the Sef-hand fills for-ted the Sef-hand fills of the Sef-hand fill for-ling the II of the II of the II of the II of the II is fill on the Lib but 1, sin 17-180, the Unit must be placed at in the beginning of the Line, and the Cube in the Good I could prove the Unit with placed at 2 or 18 the II of II at the II of I and Cabe, will all tall backwards, and be found in the fe-cond Part, between the middle and the End of the Line. Thus will the Cabe Root of 8 be found a; that of 27, 53 that of 56, 43 that of 125, 53 that of 24, 6,62. For particular Ufes of Guyrara's Line in the Monjaring of Timber, Ganging of Veffst, &c. See SLIDING-

For other Uses in Geometry, Trigonometry, &c. Sec SECTOR and GUNTER's-Scale.

SERTOR AME CHNYER'-SCAIC.

CHNYER'-SQuadrant, is a Quadrant made of Wood,

Brafs, or the like; being partly a Stereographic Projection
on the Plane of the Equinocitis, the Eye lappeded in or
of the Poles: So that the Tropick, Ecliptick, and Herizon,

are Arches of Circles, but the Hour-Circles all Curvet, drawn by means of feveral Altitudes of the Sun for fome particular Latitude every Day in the Year. See Syrred-The Use of this instrument is to find the Hour of the Day, the Sun's Azimuths, Sc. and other common Problems

of the Globe; as also to take the Altitude of an Object in

See its Description and Use more at large under the Ar-

See it! Defeription can be more to long small reperties the General Polyananan.

General Indiana Sale, with diver Lines thereon, of great Ule in working Questions in Navigation, Esc. See SCALE and SAILING.

On one Side the Scale represented Tab. Trigonometry, Ph. 37, are the Line of Numbers, marked Numbers; the Line of artificial Sines, marked Sines; the Line of artificial cial Tangents, marked Tangenns; the Line of artificial refed Sines, marked Tangenns; the Line of artificial refed Sines, marked V. S. the artificial Sines of the Rhumbs, marked A. R. the artificial Tangents of the Rhumbs, marked of T. R. the Meriddian Line in Mercator's Clasts, marked of T. R. the Meriddian Line in Mercator's Clasts, marked maked 8. R. the artificial Transoms of the Rhambs, marked of TR. R. the Merkilla Like in Mercare? Chart, marked of TR. et al. (1994) and the state of the TR. et al. (1994) and the state of the TR. et al. (1994) and the state of the State of the State are the Lines a shally found The Lines of a ratificial Sines. Theorem, and Numbers are 6s fitted on this State, that by mesos of a Piter of Componenty; may be fixed very expectationly, and with the carable Taxabine's whome the Initial State of the State of the

remely occur in all Fares or NATIONALESS WHERE I PROMISED SECTION DISTRIBUTED, DISTRIBUTED, DISTRIBUTED, SEC TRICONOMETRY, U.S. The time Lines are also occifionally lid down on Ruless to like by each other; hence called Stidding Guntery; So as to be used without Compellies to the theat understands how to use them with, may, by what we have failed on Theorem's and Orgential's Stiding-Eduler, of them with-

out. See SLIDING-Rule.

UTe of GUNTER'S Scale.

Miles and a half, for the Length of the Hypothenule fought.

2° The Base of a right-angled Triangle being given, 25 Miles, and the Perpendicular 253 to find the Angle opposite

to the Perpendicular.

As the Bale 23 Miles is to the Perpendicular 13 Miles, to
is Radius to the Tangent of the Angle fought.—Extend the
Compatite, then, on the Line of Numbers, from 25 the
Perpendicular given, to 25 the Bale given; and the fame
Extent will reach the contrary way, on the Line of Tangents, from 45 Deg. to 37 Deg. the Angle fought.

gent, mon 4) 16g, to 31 16g, the ange togger.

§ The Bafe of spike angle through king given, figple to Mint, and the Angle applies to the Verpendature

so Dray in the dev Perpendature.

For the property of the Perpendature

for the property of the Perpendature

for the Computes them on the Line of Tangent of and

Tangent of 43 Dag, to the Tangent of 50 Dag, and the

ry my, from the piven Bafe to Mint, to the required Per
Perpendature 1; § Miles

Now, The Exercise the Section of the Tangent of 50 Dag,

may be as the Eyyard the Tangent of 30 Dag,

may be as the Eyyard the Tangent of 30 Dag,

may be as the Eyyard the Tangent of 30 Dag,

may be as the Eyyard the Tangent of 30 Dag as in Com
priments 40 Dag, cannot 64 Dag, or 30 Dag as in Com
priments 40 Dag, cannot 64 Dag, or 30 Dag as in Com
priments 40 Dag, cannot 64 Dag, or 30 Dag,

plement 40 Deg. wants of 45 Deg.

4° The Base of a right-angled Triangle being given, sup-se 33 Miles, and the Perpendicular 48 Miles; to find the

1998 ys Mitte, and the Perpendiculars 38 Mites, to find the Magle epopific to the Veryendiculars. As this Bull 15 Niles is to the Perpendiculars 28 Miles, to Decision when Perpendiculars 28 Miles is to the Perpendicular 28 Miles, to Decision when Perpendicular 28 Miles is to the Perpendicular 28 Miles is to the Perpendicular 28 Miles is the Perpendicular 28 Miles is the Perpendicular 29 Miles is the Perpendicular of the Triangle today to epide the Perpendicular of the Triangle being greater than the Bull, and both the Delice opposite to the Perpendicular, and the

Bafe, making 90 Deg. the Angle opposite to the Perpendi-cular will be greater than the Angle opposite to the Bafe; and confequently the Angle 53 Deg. 55 Min. will be the Angle fought.

Angle longert,

y The Hypshennif of a right-angled Spherical Triangle being green, futpole on Theyron, and one of the Sides

2 Degreen, to find the Angle opposite to that Side.

As the Sine of the Hypshennide 60 Deg. is or Radius,

to is the Sine of the piven Side 20 Deg. or the Sine of the Angle fought-Extend the Compaffes on the Line of Sines, from 60 Deg. to the Radius or 90 Deg. and the fame Ex-rent will reach on the Line of Sines the fame Way, from ao Deg, the given Side, to a June, the state valy, norm as Deg, the given Side, to a June, 10 Min, the Quantity of the Angle length;

6° The Comple and Diffuser of a Ship being given, to find the Diffuserue of Latitude and Departure.

Suppose a Ship lais from the Latitude of 50 Deg. 10

Suppose a Ship sails from the Latitude of 5c. Deg. 10 Min. North, S. S. W. 48. 5 Miles: As Radius is to the Min. North, S. S. W. 48. 5 Miller: As Raddus is to the Distance failed 48.5 Miller, for it he Gine of the Courfe, which is two Points, or the fecood Rhumb, from the Meridian, to the Departure—Extend the Comparite from 8 on the artificial Sine Rhumb-Line, to 48.5 on the Line of Numbers, the fame Exerce will reach the fame way from the fecood Rhumb, on the Line of artificial Sines of the Rhumbs, to the Departure Westing 18.6 Miles

Rhamba, to the Departure. Weiting 18.6 Miles.

Again, As Radua is no the Difficure fixed 48.5 Miles

Again, and Radua is no the Difficure fixed 48.5 Miles

from the Computer of the Computer from the Radua, on the Line of Sinus, to 48.5 Miles on the Line of

Numbers; the fame Execut will reach the fame way, from

Numbers; the fame Execut will reach the fame way, from

O Numbers, which converted into Degrees, by allowing

6 Miles to a Degree, and faithfurthed from the given North
Leitnike to Degree, and Miles Leitnike from the given North
Leitnike to Degree, and Miles Leitnike from the given North
Leitnike to Degree of Miles Leitnike from the Reminder 49 Deg.

Latitude 50 Deg. 10 mm. leaves the Remanuer 49 Deg. 25 Min. the prelien Latitude and Departure from the North Latitude and Departure from the Martham being grown 5 to find the Courfé and Diffance. A Ship from the Latitude of 59 Deg. North, Bill North-Ballward ill file has altered her Latitude 1 Deg. 10 Min. or 70 Miles, and is departed from the Meridian 57.5 Miles, to find the Course and Distance-As the Difference of Latito mad file Course sand Difference—as the Difference or Leaf-rade yo Miles is to Radius, fo is the Departure 57.5 Miles to the Tangent of the Courfe 39 Deg. 20 Min or three Points and a half from the Meridian—Extend the Com-paties from the flowth Rhumb, on the Line of artificial Tangense of the Rhumbs, or yo Miles on the Line of Namhers, the fame Extent will reach from 57.5 on the Line of Numbers to the third Rhumb and a half on the Line of artificial Tangents of the Rhumbs, to 70 Miles on the Line Numbers.

sitherail Jangents et the tRamibs, to 70 Misses on the Line Code, Again, as at the Sine of the Code; 20 pig. 20 Miss. is the Adults on the Dillares and the Departure 3.75 Miles, fois the Radius on the Dillares and the Dillares of the Misses of the Dillares and the Dillares of the Misses of the Dillares and D

the Sine of the other Side II C 60 Jbg, you wan most create to a four Sine 34 Jbg.

Again; from this fourth Size cannot the Compation to Again; from this fourth Size cannot the Compation to Polymer Compation to 95 Dbg, to 18; of the Size Compation of 95 Dbg, to 18; of the Size Compation of 95 Dbg, to 18; of the Size Compation of 95 Dbg, to 18; of 19; of 19;

GUSSET, in Heraldry, one of the Abatements of Ho-mr. See Abatement.

The Gnilles is faid to be appropriated to laseivious, effection Is taid to be appropriated to intervious, eme-minate, or wanton Persons. It is form'd of a Line drawn from the Dexter, of finiter. Angle of the Chief, and deficending dispo-nally to the chief Point; from whence ano-ther Line falls perpendicularly upon the Bafe: as in the Figure adjoining.

GUST, GUSTATION; } fee {TASTE and Gour,

Guar-Hoffers, is used by Bradlon and other antient Writers, for a Stranger, or Gueft, who lodges with a Per-fon the second Night.

In the Laws of St. Edward, published by Lambard, it is written Geft. See Uncourn.
GUTTA, a Latin Term for what in English we call Drop. See Drop.

Drys, See Daon.
Gerrat Angileane, the Englift Drups, or the Fataite
Englift Drups, or Guldaria Drups, is a medicant Liquer
perpared from directs Ingendence of Forering Efficies,
and principally the Small Fox, Obtinuthous, Epilepian,
and principally the Small Fox, Obtinuthous, Epilepian,
drown Distans, Yapona, 15c.
The Invener of their Cockeared Drups, was Dr. Gad.
Auxil, a Flysician of Lordon. The Secret of their Composition was purchasful by King Cherlet II. as the Frico of Seco.
Pennel Strating, where the Decemberation Gifted English

This ceity, Receips, we shall here gratify the Receips withat, a shiftiner Marches. "Take fire busine of human Aditions," Marches. "Take fire busine of human Death, we Pauch of dired Vipers, row Dunals of Harris-Horn, and woo of irveys, mines the whole small, part it is two or three Reches, and dillid it is a received-new fraction, and the summer of the shifting Harris-Horn and Vipers, to extract their volatile, Sait. When the Verilia or Receivers needl, anhare van, and thaie them well, in order to loofen the volatile Sait of the summer of the shifting of the summer of the shifting o Things be well inted, and make a Conduction or the sand Matters at three Times. But, by the way, add all the Salt before feparated from the Receivers; and after the faid three Cohobations, unlate the Retorts; and poor the whole into a Matriefs with a long Nock, to which fit a fintable Capital, and a Receiver; lute all the Joinings on each Side with a wet Bladder, and for the Veßel in a Sand Heat: By this means, the volatile Salt will be fablimed and flick to the Capital, and upper Part of the Matras, Continue the Fire till Spirit enough have rose to fuse and dislove the Salt which arose first: Then take all the Fire diffility the Salt which arole first: Then take all the Fire out of the Farnace, that the Diffillation may proceed no further; which is a Circumstance of the last Importance; without which the Medicine would be weakend by too much Philegm. Blet, in the Mem. de Trev. Jan. 1713.

As no the Dole of this Remedy, they begin with 7 or 8

As on the Tode of this Remerly, they begin with a of 8 Drops, increasing, by Figgren, to a yet, exp compression of the state of the sta

Mem. de l'Acad. An. 1700.

See Vower.

GUTYE, in Architecture, are Ornaments in form of little GUYTE, in Architecture, are Ornaments in form of lifestones, nice in the Plafond of the Deric Cernice, or on the Architerave, underneath the Trightphs; representing a fort of Drops, of Beils; subsily fix in Number. See Trainterent. They are formetimes also called Lackryme, Teass; and Compane or Companies Bells. Leon. Baptifla Alberti calls them Nails.

calls there Natii.

General Astrona, it is Disafe of the Eyes, conditing in an General Astrona, it is Sign, within the Condition of the Object of the Eyes, excepting that the Fugil holes forms that inger and backer than before. See Exes, fee, Its Casle is fuppoid to be a Competition or Obitraction.

Its Casle is fuppoid to be a Competition or Obitraction and Supris in the Condition of the Condition of the Condition of the Condition of the Retina, occasioned by the Veffels there-obling too much distincted with Blood.

being too much discense of the most dangerous and un-

Inc curra Serena is one of the moit dangerous and un-rachable of all the Difficies of the Eyes. The Cure, ac-cording to Pitesira, must be attempted with Meteorials and cure Salivation, and with Decoclions of Guiacum. The Mufice Voltantes are a pathogopomic Sign of a growing Gutta Serena. The Greeks call it Amanyafi. See

GUTTERS, in Building, are a kind of Vallics in the Roofs of Buildings, ferring to drain and receive the Rain-

Koos of justingly, Perry go drain and receive the Kain-varre. See letters, are the presented, or form'd as in were in the Throat. See Levyra. Dr. Waltis dillinguiftes the Vowels in our Language into Labial, Platine, and Gustural; a coording to the three fi-veral Degrees of opening of the Masth to pronounce them, larger, middle, and lefs. On this Footing he makes three Garrout Vowels, and three Lishle, and as many Philines.

GUTTUS,

GUTTUS, a Latin Trem used among Antiquaries, for a fort of Vase used in the Reman Sarchices to take the Wine and Prinkle it, Guntain, Drop by Drop, upon the The Word is compounded of youth, naked, and wait, Victim. See SACRIFICE. Vigenere on T. Livy, g

Vigenere on T. Livy, gives the Figure of the Guttus, as represented on divers Medals and other antient Monu-

ments.

GUTTY, or GUTTY, in Heraldry, is when a thing is reprefented as charged or ipinkled with Drops.

In Blazon, the Colour of the Drops is to be named:

Thus, Gutty of Sable, of Guice, St.

Some Authors will have red Drops called, Gutty & Sang,

or Drops of Blood; black ones, Gistry de Peix, of Frich;

white, Gutty & Eau, of Water, &c.

GUZES, in Heraldry, Roundles of a fanguin or marry

See ROUNDLE.

Colour. See KONDLE.

GWABR-MERCHEN, a British Word, fignifying a
Payment or Fine made to the Loeds of fome Manoes, upon the Mariage of their Tenants Daughters; as alour the mariage of their Tenants Daughters; as alour their committing Incontinency. See Manonar and LAIRWITE

L'AINVER.

GYNNABARCH, GYRRAMAGGIA, in Antiquity, the Matthe, or chief of a Gymagafine. See Gyrramasine. Matthe, or chief of a Gymagafine. See Gyrramasine. Number of Magiffarea, to the Si Oldiev us of gruct Gos fideration, as having the Gore of all their Youth, who were resulted to him to be form'd to Exercise of the Body. If the bad two Olivert under time, to stift him in the Gostal the feed of gyrndst. The former was Matter of the Abbens, and prefided over the Wreiling. See XEVARAGI. ATMENTAL OF THE STATES OF THE

The latter had the Direction of all the other Exercises; taking Care they were performed in duo Time and Man-ner; that they were not too fevere; that the Youth at-tempted nothing beyond their Strength; and that nothing

were done that might be injurious to their Health.

They had feveral fubaltern Officers or Servants under them, for the Service and Influedion of the Youth committed to them.

The Word is compounded of Tournasie, and aggre. Go-

GYMNASIUM, a Place of Exercise; or a Place fitted for performing Exercises of the Body. See Exercise.

Among the Antients, the Gymnasium was a Place defli-

among the antients, the Gymnafirm was a Place defli-ned for this very Purpole, and where People were even taught and regularly diciplind therein. See Xysrus. If we may credit Solon in Lucian's Anachars, and Cierce de Orat. Ills 2 the Greeks, the Lacedemenians; after them, the Athentans.

Virravius describes the Structure and Form of the antient Virious excitors the Structure and form of the Antening Grounding at length, ill. 1; c. 1; r. Ta. Word is Grock, granding, at length, ill. 1; c. 1; r. Ta. Word is Grock, granding, form d of 2000k, Naked; by casine they per off their Clothes, to practice with the more Freedom.

GYMNASTICE, GYMMASTICA, the Gymmasile, Art 2 or the Art of performing the Exercise of the Body. See

EXERCISE. Exercise. The Gymmaftica comprehended all the Exercises, as Wrett-ling; Running, both on Foot and on Horfeback; Fencing; the Difeus, or Quoits; the Ulo of the Launce, Etc. Hoffman reckons no left than 35 Gymnaftic Exercises. See Wrest-

LING, DISCUS, &c.

LINO, DISCUS, DEC.

It appears that they did not perform their Exercifes quite naked to early as the Time of Homer, but always in Drawers; which they did not lay affec before the 32d Olympiad. One Oriopus is faid to have been the first that inoduced the Practice; for having been worsted by means of his Drawers undoing, and entangling him; be threw them quite afide, and the rest afterwards came to imitate

GYMNIC, GYMNICUS, fomething belonging to the Excrifes of the Body.

The Gymnic Games are those wherein the Body is ex-

ercifed; such are Wretting, Running, Dancing, the Use of the Launce, and Quoit-Playing. See Game. It was those made the chief Diversions of the Osympic,

Nemean, Pythian, and Ishmean Solomnities; being called by the Greeks Herrafton, and the Latins Quinquatrion by the Outself States, Northlan, and Istimean, U.C. GYMNO/REDIA, a kind of Dasco, in Ulc among the antien Lacedemoniant. It was performed during their Sacrifices, by young Perfoss who danced taked, finging at the fame Time a Song in Honour of Apello. See DANCE.

One Terpander is recorded as the Invence of the Gym-

GYMNOPÆDICE, a kind of Dance, in Use among the

ments.
Atheneus deferibes it as a Bacchie Dance, perform'd by Youths frip'd quite naked, with certain interrupted, the a-greeable Metions, and Gestures of the Body, the Arms and

GYMNOSOPHISTS, a Set of Indian Philosophers, fa-

GYMNOSOPHISTS, a fee of Intime Philosphere, fe-mous in Antiquity, demonitated from their gain, pure-ficed. Rec'hertenereras.

into Brachmans and Germans. See BRACHMANS-

into Brachmans and Germans. See Brachmans delicated.
Among the Germans, called allo by Clemens Alexand.
Among the Germans, called Hybbits by Clemens Alexand.
Albels, as inhabiting the Woods; which lat Reen to come accraft to the Notion of Gymnofolytils. Clement realizes, that they achieve in the Coline nor Towns, are closthed mobile with the Leaves of Trees, cut Acorts and Bergand and the Coline and Company of the Coline and Coline and

ries, and drink Ware out of heir Harels, biblishing from all Marrige and Procession. In the Transposity that was Applicated North May, a declaration of the Transposity of the Application of the Transposity of Williams, but his de-deled Matters, and the younger Faylis, and what to me appears the most ambilite thing in their Charolter, is, that they have an Arrefine to Medica for all indicates the state of the Application of the Application of the Charolter of the Victoria he brought, the Youth are all called negather from their feveral Plices and Olices, and the Matter contains them what good they have then fine the Gar-erian Medication, another has bound from thing by Demonsor rigs. Here one resistors something he has discovered by Meditation; another has learn'd from thing by Demon-firation: And as for those who have nothing to alledge why they should dine, they are turn'd out to Work fails

'nag.'
The great Leader of the Gymnofophifit, according to Ferom, was one Buddas, calld by Clemen: Butta, who is ranked by Pointain among the Brachman. That laft Author makes Buddas the Praceptor of Mines the Perfan, the Founder of the Gymnofophifit.

GYNECEUM, among the Antients, the Apartment of

the Women; or a foparate Place, where the Wom-themfelves retired, and out of the Sight of the Men

The Word is compounded of the Greek Turk, a Woman, and oree, an Houl Under the Roman Emperors there was a particular Esta bliffment of Gynavas; being a kind of Manufactories ma-naged chiefly by Womon, for the making of Clothes. Furni-ture, &c. for the Emperor's Houshold. Mention is made of

there Gynecea in the Theodofian Code, Justinian's Code, and divers other Authors. In Imitation hereof, divers of the modern Manufactories, erricularly those of Silk, where a Number of Women and

Maids, affociated and form'd into a Body, are called Gyne-GYNÆCIARIUS, a Workman employ'd in a Gyng-

In the antient Gyastes there were Men to weave and fhape; the reit, as Spinning, &c. being performed by Wo-

men. Criminals were fometimes condemned to ferve in the Gymerce, much as now in the Gallies. Frequently, too, this was a kind of Service which Princes exacted of their Sub-jects, or Vaffais, both Men and Women, whom they made to work for them in their Gyndees.

GYNÆCOCRATUMENIANS, GYNÆGOCRATUMENI,

an antient People of Sarmatia Europea, inhabiting the Eaftern Banks of the River Tanais, near its Opening into the Palus Meoris; thus called, as Authors relate, because they had no Women among them.

The Word is formed of Torn, a Woman; and accordance.

anquish'd; of Agrass. I overcome; q. d. overcome by a Woman.

Woman.
Fa. Hardouin, in his Notes on Plins, fays they were thus called, by reason, after a Battle which they lost against the Amazons on the Banks of the Thermodoon, they were obliged to have a venereal Commerce with them, in order to get them Children: Et quod Victricibus objequantur ad automatodam sit; Subdem. procurandam eis Sobolem

Fa. Hardom calls them the Husbands of the Amazons, Amazoum Commbia. For, as that Author observes, the Word Unde must be retreach'd from Pliny; having been Word Unde muit be retrenched from Pliny; having been folited into the Text by People who were not Matters of the Author's Meaning, Unde Amacanum Commbia.

They who take the Amacanum founding People, will imagine the fame of the Gymzogratumentaus. See Amacanum Common and the Common for the Common and the Common for the C

* 1044

GYNÆCONOMUS, the Name of a Maglifrate of A-thens, who had the Cenfure and Inspection of the Wo-

There were ten Gyaccosmi: Their Bufinels was to in-form themfelves of the Lites and Manners of the Ladies of that Giv, and to possible fuch as misbehaved themfelves, or transgrefied the common Bounds of Modesty and De-

ceesy. They had a Lift humping out, of the Names of all thofe when they had canford, or condemned to any Mukil, Ner-former, Centro, or other Pennity.
The Wood is compounded of the Greek Test, Tordans, GYINE-COGRACH, GYNEACCARTIA, a State where Women have, or may have, the Spread can John are Ogmenorated in this Seniel, England and Johns are Ogmenorated to have present the Person what themselves, and think they are greatly have present the property of the Pennis when themselves, and think they are greatly have present the property of the Pennis of the Penni

Liste. The Word is form'd of Tord, yoursele, a Woman, and seg-trs. Authority, Power, Government. GYNGLHUUS, in Anatomy, 85c. See GINGLYMUS. GYPSUM, in natural Hiffory, a Stone found in Quar-

ries, which being burnt, and diluted, or wrought up with Water, serves to make the fine Plaster of Paris. See Drasmus.

GYPSE, Gipsa, or Gypsus, is also used for a coarser fort of Talk; or a shining transparent Stone chiefly found in the Quarries of Montmartre near Paris, among other Same confound this with the former, on account of the Conformity of its Name with the Latin Gypfinn 4 but anhappily enough; as the Gypfie is not fit for the making of Platfor.

Platter. This Stone being calcined in a Kiln, beaten in a Morrar, and fifted, and mix'd up with Gum, or fire Water and Colours, ferres to counterfeit Marble, which it does to that Periection, that both the Eye and Touch may be deceived.

See MARBLE.

See MARREL.

The Method of preparing it, will be shewn under the Article Mosare Work.

GYROMANCY, or GYROMANYIA, a kind of Divination, performed by walking round, or in a Circle. See Dr.

The Word is compounded of the Greek 2005, a Circle, and warreig, Divination.

is the 8th Letter of the Alphabet, and the entirely supposed the H was dropt, and the Word was wrote
6th Conformant. See Latter and At. Latterwise. In like Manner we read Historie, Hissais, 6c.
Fig. Laborette, will have this Difference to have arese
Varce, de Re Rusties, L. III. C. 1. cells from the Difference to the Pounchaiston. — Secth, fast Y Varro, de Re Rusica, L. III. C. 1. calls fays it is pronounced by a genic Contraction of the Yraches.

Hence it has been diffused, whether or no the high

a real Letter.

a real actuer.

Some will only have it an Afpiration, or Spirit, in Regard its Sound is fo weak. And accordingly the Greek, now acadays at leaft, do not place it in the Line of the other Letters, but part it over the Head of the following Letter: The it flouds from they antiently wore it in the fame Line with the reil.

The Latin Grammarians, as they were religious Imita-tors of the Greeks, have on their Authority generally rejected the b; and the Moderns have herein followed

rejected the B_1 and the Moderns have herein followed the Lattin.

Lattin, which is already forces that the A_1 like all the collect Afrijerus, from the Time it is afjected, and for this very Recison band; in both of the Visco that but a very Recison bandly the Sound of the Vowel that D_2 and D_3 and D_3 and D_3 and D_3 and D_3 and D_3 and D_3 and D_3 and D_3 and D_3 and D_3 and D_3 and D_3

to a Continuant. See CONSONANT.

Upon the whole, the H is either a Letter, or S and Z are none; these being no more than hifting Affpration.

And they who exclude the B from among the Letter, as conceiving it only a Mark of Affprator. Bright as well exclude the Lebial Confonant's b and A, and A; when ye only Marks of certain Motions of the Lips, &C. See

ASSIBATION.

NESTRATION.

The H₁ then, is a Letter and a Confomant, of the Guttural Kind, i.e. a Confomant, to the Pronunciation whereof, the Throat concurs in a particular Manner, more than any other of the Organs of Voice. See Guttura XI.

than any other of the Organs of Voice. See Gerverall.

"This true, in any Works beginning with h, the Affaire.

"This true, in any Works beginning with h, the Affaire.

Cale, not clear; in Office and the Cale, not clear the Cale, not clear the Cale, not clear the Cale, and fewer in Office and the Cale, and the Cale and the Cal

would abscript the fame Diqualification. Mond. Menage dilinguistics two Kinds of b_3 the one an Afpirate, which he allows a Confogant; the other a Mute, which he confiders as a Vovel. — Now, vits certain, the afpirated b is a Confogant; but the Mute b is no Vowel, as having no peculiar or proper Sound difficit from that off the Vowel, or Diphthong, immediately following it. See Vower.

When the b is preceded by a c, the two Letters to-gether have the Sound of the Hebrew W, with a Point over the right Horn; as in Charity, Chyle, &c.

In most Words derived from the Greek, and beginning in that Language with the Letter 2, the cb which beginning them in English, has generally the Sound of a k, as in Echo, Chorus, &c. the' it is fometimes foften'd a little, as in Cherfordiat, &c.

httle, as in Corrjoniqui, Sec.

After a \(\begin{align*} \), the \(\beta \) is always pronounced together with the \(\beta \), like as \(\beta \) j as in Phrackes, \(Pbilifins, \) Philogm, Philosomers, Philosomers, Sec. — Most Words of this Clats, are either proper Names, or Terms of Art, borrow'd from the Greek, or the Oriental Languages; and wrote in are disher proper Names, or Terms of Art, borrow'd trem the Greek, or the Oriented Languages, and wrote in Greek with a a_2 and with a $\bf B$ in the others. — In an-timent Authors we frequently more with h par infead of f_2 as $hat a_1$ for $f_2h h_2$ but this is principally observable in the $3\beta a_1 h_2$ Tongae, where, most of the World bor-row'd from the Latin, beginning with an f_1 cake the hin lieu of it. As hat hat hat hat hat reference is the super- $time of the <math>h_1$ to h_2 the h_2 the h_3 the h_4 the h_4 in lieu of it. As hat h_4 the h_4 the h_4 in $h_$ bade for fatum.

bedo for farm.

The Affred, or flarp Accent of the Greekt, which is the firm with our k, is at life frequently changed for an 2; as, And, Salf years, 15, Sare, 5, Series, Crips 1 Sare, 2 Series, Crips 1 Sare, 2 Series, Crips 1 Sare, 2 Series, 2 S of Time, the Sound of the b being much weaken'd, or

Less Accountify, with above the Difference on have a mode be a could not procure the Guttern, — Such, fast, be as could not procure the Guttern, — Such, fast two Words begin, fishtituted a c for 1s and they who promoanced it is, worse it after the farm Manner: He might have added, that fish as could not procure. — He might have added, that fish as could not procure — He might have added, that fish as could not procure — He might have added, that fish as could not procure — He might have added, that fish as could not procure — Sorre Larred Man have employed that the H mould have been decaulf from the Names and that it figured Lord, from the Latin Heray, or the German Herr. Names, as D. Peletig for Olor Philips. — But as it it likewise found before the Names of forward Gitting, this Names, as D. Peletig for Olor Philips. — But as it it likewise found before the Names of forward Gitting, this new period of the process of the country of The H is formerime also found perfect to the C or startening, Handards, co., for Cartella, Callarde, No.

H quoque ducentos per se designat habendos.

When a Dash was added a Top, H, it signified two hundred Thousand. — See what has been abserved on this Subject, under the Letter E.

HABAKKUK, or HHABAREUE, one of the twelve lefter HABAKKUK, or IlitarARRUYA, one of the twolve lediter production are titled into the Canon of Prophent whose frequency and the into the Canon of The precife Time is not known when Hababbake prophetical, but from his predicting the Rule of the Fews, before Zadekisho, or about the concluded he prophetical between the Prophent of the Canon of the Prophent of the Prophent of the Canon of the Prophent of the Prophen

flators call him Ambakoum.

HaBDALD, or HABDALDAL, a 5 freely Cerement, particularly with the property of the property of

HABEAS Corpus, in Law, a Writ, which a Man in-dicted for a Trefpall before the Juiliess of Peace, or in a Court of Franchitz, and imperioned for it, may have out of the King's Beach, thereby to remove himself thither, at his own Colk, to answer the Cause at the

thereof.

The Order in this Cale, is, first to procure a Certiferent,
The Order in this Cale, is, first to procure a Certiferent,
The Cale of the Cale

HABENDUM, a Word of Courfe in a Conveyance. - In every Conveyance are two principal Parts, the Premises, and the Habendam: The Office of the first is to expects the Name of the Grantor, the Grantee, and the

Thing granted. Thing greated.
The Helsendem is to limit the Edute, fo that the general Implication, which, by Confinction of Low, patient Development and the Helsender controlled as the Leader Confinction of the confinction of the position of the positi

Scifin thereof, See SEISIN.

* D d d

This Writ Hugs tometimes ont of the Records of a Fine executory, directed to the Sheriff of the County, where the Lands lyes, commanding him to give to the Cog-nizec, or his Heirs, Scifin of the Land, whereof the Fine is leyed. This Writ iffues fometimes out of the Records of a Fine

The Writ lieth within the Year after the Fine, or Judg-ment, upon the Scire facios; and may be made in divers

There is also a Writ called Habere facias Seifinam, nbi Rex habuit annum, diem & vaftum; which is for the Delivery of Lands to the Lord of the Fee, after the King had taken his Due of his Lands who was convict

HABERE facias Vifum, is a Writ that hes in divers Cafes, as in Dower, Formedon, &c. where a View is to be taken of the Land, or Tenements, in Question. VILW

HARRERGE, or HAUSERGE, OF HAUSERE, OF HAU-TREET, in the antient Customs, the same with Habergean,

HARRGEON, or HAUBERGEON, OF HARRGETUM, HIBERGEUN, OF HAUBERGON, OF HABRESTUM, a Coat of Mail; or an anten Piece of defending Armour, in Form of a Coat, defending from the Neck to the Middle; form of a City of the Neck to Mailde, in the Coat of the Neck of the Cast of the New Mail.

Varyo makes the Gaust the first Inventors of the Ha-

The Anciquaries and Criticks are divided as to the Etymology of the Word. — Spelman derives it from hame,

The Antiquaties and Criticia are divided as to the Expanding of the Wint.— Gelema derives in term home, the Control of the Con

Oshers define it an Affection of Mind, or Body, persiting by long Uie and Continuance.

Allowitz may be dilinguished men thofe of the Mind, Mobiet may be dilinguished men those of the Mind. Mobiet may be dilinguished the Body of Mind, are not easily and Mind them the Body.

All natural Hobits, whether of Body or Mind, are no early and Mind themetics, conflict a sealer than the Endy and Mind themetics, conflict a re Mind, wherein it perfectes till efficied by fone contrary Mode. See Mon.

Mode, Sec Monz.

Ariffetic enumerates fix Habits of the Mind, viz. Underlianding, Knowledge, Wildom, Prudence and Artz.

Which Division the later Writers for side, and only admit of three Intellectual Habits, viz. Science, Prudence, and Artz, agreeable to the three Kinds of Objects, about which the Mind has occasion to be facilitated, which are claims Theoremsel, Predicted, or Effective. See Arx,

cither Theoretical, Trausium, a Lynchest Sciences, Edmons, Edmondicine, is what we otherwife call the Habity, in Medicine, is what we otherwife call the Temperament, or Confirmation of the Body, whether obtained by Birth, or Manner of Living. See Temperament and CONSTITUTION

and Construction.

An II difficurped Habit, without any puricular apparent Difficult, the Physicians shauly call a Cochecut, or A Thing I fold to entant a Habit Construction of the Construction of the Construction of the Construction of the Construction of A Thing I fold throughout the Body; and is conceyd to the remonth Supero Girculation.

A Thing I fold throughout the Body; and its conceyd to the remonth Supero Girculation. Greek of the Construction of Composition Habit of the Nations they had submitted to; but the Priests kept to the Roman Dreik.

The Abbot Boileau has an express Treatise on the Ec- He are obstinging Habit, wherein he maintains, contrary to the Body.

HAB common Opinion and Custom, that the Ecclesiastic Habit should be a short one, and that a short Habit is more decent than a long one.

HABIT, is particularly used for the uniform Garments of Religious, conformable to the Order whereof they make Profession. See Religious and Order.

of Religious, communication of Capta, and Ca

The Habits of the teveral Rougious, were not suppored to be calculated for Singalarity or Novelty: The Foun-ton be calculated for Singalarity or Novelty in The Foun-tion of Defarts and Solitades, gave their Monks the Habit-ulal among the Country People. Accordingly the Primi-tive Habits of S. Anthony, S. Hilsirian, S. Tuneddi, Re. ace defirited, by the antient Witters, as conditing chiefy of Sheep's Skins, the common Drefs of the Peadant, Slep-nert, and Mountheever of that Times: And the fame

they gave their Difciples.

The Orders effabilith d in and about Cities, and inhabited Places, took the Habit wore by the Ecclefiafticks at the Time of their Institution. — Thus S. Dominio gave his Disciples the Habit of regular Canons, which he himself had always bore to that Time. And the like may himfelf and always bore to that Time. And the like may be fail of the Yquiste, Barnshies, Tbarisin, Orteorians, &c. who trock the common Habit of the Ecclesiatiles at the I'me of their Foundation. And what makes them differ fo much from each other, as well as from the Ecclesiation Habit of the prefer Times, is, that they have always kept invariably to the fame Form; whereas the Ecclesiation Habit have been changing their Mode at every

HABITATION, a Dwelling-Place, or House. See House, Edifice, Building, &c. Habitation, is fometimes also used for Cobabitation.

Sec Con Astraction.

ALBERUAL, femerking that is become, or turn'd into a Habit, or Habituals. See Hastrema, U.S.

Alberta, for Habituals. See Hastrema, U.S.

Habitual State, J.S.

Alberta, S.S.

Alber

HABITUDE, HABITUDO, in the Schools, fignifies the Respect, or Relation, which one Thing bears to another.

RELATION. In this Senfe, Habitude is one of Ariftotle's Categories.

In this delict, Tuestines is the Or Dispussion Schoolmen, con-field Habitude as a Genus; and fub-divide it into rwo Species. Where it is confidered as Quieferni, they call it Reflect is where, as moved, Reflection: To which forms add a third Species, confidered with Reflect of Figure, which they call Mode.

MINIA THEY CAIL MOSE.

HASTTODE, is also used in Philosophy, for what we popularly call Habit, viz. a certain Dilposition, or Aptitade, for the performing, or fufficing, or certain Things; contracted by reiterated Acts of the same Kind. See

LIATIN Habitudes are diffinguish'd into those of the Bady and the Mind.

Habitates are entroguired into todes of the 2600 and
Among those for the Mind, cell full intellectual Techbrinds, are frequently sumbered Memory, Knowiczle,
are frequently sumbered Memory, Knowiczle,
are proper micklestual Habitats and fine them all in the Binall,
all the Mind of the Mind of the Mind of the Mind,
and the Mind of the Mind of the Mind, by the Philodyne's
under the Notion of good and had Habitatest. See Vita"The Architholog of Cambray defines Habitatest, in the
general, no be certain Impredient hell in the Mind, by Memo
that to do any Thing formary door, by having the Men
tand to direct as those it was done beline,—This,
ways before as the Nocosenticates of Exectly in ReRichloss whereof, being often repeated, reader the Executio

R. Mallettered gives a more seried, and mechanical

of that Virtue more and more cafy.

Fa. Mallebrased gives a more artful, and mechanical
Theory of the Habitustes.— His Principle is, that they
confift in a Facility, which he Spirits have acquired, of
passing casily from one Part of the Body to apother,
the argues that it is the Mind ast on, and move the
Body, 'tit, in all Probability, by Means of a flock of,

animal Spirits, lodged in the Brein, ready to be fast at the Veiffelt, as when they are too fall, or too much credit; the Motion of the Will, by means of the Nervo which or from an Irodino of the fanns, as when the Blood is no organ or terminates in the Hein, into the Mackles of the fibury and Irodino of the fanns, as when the Blood is no organ or terminates in the Hein into the Mackles of the fibury and confidence of the Francisco of the Francisco or the Nervo and King and Confidence or the Francisco or the Nervo and King and the Good of Francisco or the Nervo and King and of Francisco or the Nervo and King and the State of the Mackles is the fitted to. See Museum of the Hein Irodino or the Nervo and the N

of Phienomena relating to the Habitudes. - Why,

of Phenomena relating to the Habituset. — way, not un-fluence, Children acquire new Habits with more Eafe than grown Perforas: Why, 'tis difficult getting rid of inver-tate Habits: Whence that Incredible Quicknets in the Promunication of Words, even without thinking of them, as is particularly observable in those long accustom'd to

Formula's, \$1.

On this footing, the Faculty of Memory appears to have your much the Nature of a Habitude; informeth that in one Senfe it may paff for a Habitude. See Mamory. See allo Passios, Natural Individual See (Mamory, Hachles, and HACHING. See Hatches and HAYCHING.

HATCHING.

HACKNEY. See Haqueny.

HACKNEY. Coach.

HACKNEY Coach.

HADRIANNELA HADRIANALIA, in Antiquity, Games infiltrated in Honour of the Emperor Hadrias, or Adrian. ee Games. There were two Sorts of Hadrianalia, the one held every

There were two sorts or transferantials, the one networky ear, and the other every five Years.

HEMATITES, or HEMATITES Lepis, in Natural History, the Blood-Spons, a ruddy Mineral in Form of a Stone; thus call d, either on Account of its refunbling of the Company of the Parkins is the of Openhine.

dry, curdled Blood, or of the Faculty it has of itsnching Blood; from the Greek, sign, Sanguis, Blood.

Blood, from the Greek, atom, Senguis, Blood.

*Pliny veckous five Kinds, viz. the Ethiopie, the Androdomst, or black, the Arabic, the Ethiopie, to Milites, and the Childry, belief that commonly called the Magnes Hemanites; from the Property it has of attracting Iron.

The five Sorts differ chiefly in point of Hardneth The belt, according to Dieferrists, is that which is fitable, hand, black, and finoch, without either grity Parts, or the state of the Children of the Childre

Veins.

That commonly us'd by the Painters is factitious; being made of Armenian Bole, and other Drugs.

The Native, or Polili Kind, comes from Egypt, Rolesnia, &c. It has divers Utes in Medicine; being held cooling and attingent, and in that Quality preferrbed in Hemorrhages.— It is given, in Substance, in Form of a fine

Powder The Gilders afe it for Barnishers, to pollfh their Gold withal. Bauschius has an express Treatise on this Stone. See GILDING

HÆMATOSIS, in Medicine, the Action whereby the Chyle is converted into Blood; call'd also Sanguification. See SANGUIFICATION.

The Word is form'd of the Greek, aires, Sanguis, The chief of the vital Actions, are the Chylofis, and

A no comer of the vital Actions, are the CEyloffs, and Hemateffs. Sec Chivtosis, Budon, U.C. HEMOPTYSIS, or Hamorron, in Medicine, a fpitting of Blood, occasioned by the Rupture, or Erofion of forme Veilel of the Lungs; and accompanied, usually, with a Cough, and a Sende of Prefuir on the Breatt. See

Broom. The Hemoptysis differs from a Vomiting of Blood, in that in the Hemoptysis, the Blood comes from the Luegs, and for that Restion is florid and frostry, whereas in the Vomiting of Blood, it comes from the Stomach, and is

blackifh. blackith.

The Hemopryfit is occasioned by violent Shoats, or Crieze by Strains, Falls, vebement Coughts, by the Supprefion of fome ordinary Evacation, or by the Abandance of fome sharp corrolay-Humor.

""" Hemopryfit is the residency, or habitual — The

of iome sharp corrows Humor.

The Hemotypis is either accidental, or habitual — The latter is a Symptom of the Philifis. It is best cured, according to Morton, by the Corres: It is stopped by Adringents, as Armon. Bol. Sang, Dracon. Lasis Hemat. See PHTHISIS.

The Word comes from Lique, Blood; and arrows, to fait HÆMORRHAGE, in Medicine, a Flux of Blood, at any Part of the Body; arifing either from a Rupture of

The principal fimple Remedies in Hemorrhages, are Albams Greens, Spirit or Oil of Virriol, Calcanabum rabified, Colophony palverized, Oil of Turpentine, Decodion of Carachs, Corres Perus &c. See Synymus. A Ligature on the Limb has frequently a good Effect.

So Elett. Boylean. Pulvis Galeni ; Elett. Styptic. Tinttur. Rofar. Epithem. de Sacchar. Saturn. &c. An Hamorrhage at the Anus, is more usually call'd a

Dyfentery. See Dysentery.
The Word is compounded of the Greek, Zius, Sanguii,

Blood; and Now, or polymus, frango, rumpo, erumpo, I bresk, burft forth, Sc. HÆMORRHOIDAL, an Epithet given to the Veins and Arteries of the Intelligent Refinent, and the Fundament; as being the Seat of the Hamorrhoids. See Ha-

The Hamorrholdal Arteries are two; the one internal,

the other external. The internal is a Branch of the lower McGesterk, which running along the Rellium, terminates at the Fundament; the external figuings from the Hypogaltric Artery.

The Hemorrhoidal Veins are also internal and external.

The internal carries back the Blood of the Reflums and Fundament, which it embraces regularly; and is in-ferted fometimes into the spicule Branch of the Porta, served tometimes into the Melenteric: The external brings back the Blood from the mufulous Parts about the Fundament, and terminates in the Hypogaikric Vein.

HÆMORRHOIDS, in Medicine, a Difease of the

HEMORRHOURS, in Medicine, a Dileate of the Pandament, popularly call'il the Piles.

The Hemorrheids are a painful, periodical Tumor, in the lower Part of the Lutgliman Retium; a finally appear-ing externally in the Anni. — They may be confidered as a Sort of various Tumors in the Hemorrheid Velna; arting from the too great Abundance of morbid Blood.

arming from the on great normalines of moroid fiscod therein. See Hamon and nat Peffels.

The Difate is either fundle, as when the neighboaring are tunnified, or compound, as when the neighboaring Parts become infected, or an Exercisence arises thereivon, as a Fient, Oright Goldl, Condyloma, or the like.

Hemorrhoids are either open, fluentes, that is, yield Blood, or blind, case, where the Parts are only rumid—in the first, the Vedicis of the Resilum are open; in the latter, there is some Obstruction, which occasions them to

The Hemorrhoids fometimes are internal, and cause great Pain in going to Stool; especially if the Faces be industred: After which they often appear externally, and Blood is seen upon the Excrements.

milliment of the removal of the control of the cont Scrophulary, Onton, and Leck, are much com

The Word is form'd of the Greek, Limitore, Sanguinis profincium, Flux of Blood; which is compounded of aspa, Blood, and jes, I flow.

HEREFDE abdulle, is a Writ that lay for the Lord, who, having by Right the Wardhip of his Tenant under Age, could not come by his Body, as being conveyed away by another. See RAVISHMENT de Gard.

HEREDE deliberando alii qui babet cuffoliam terra, a Writ directed to the Sheriff, willing him to command one that had the Body of him who was ward to another,

to deliver him to him, whose Ward he was on Account of his Land. See Warn and Guannian.

HÆREDIPETA, in our ancient Law-Books, the next Heir. Et milius Hæredipeta fuo propinguo vel extraneo periculofa fane cuflodia committatur. Leg. H. Cap. 70.

perientials fame confloats committeeur. Leg. 11. Cap. 70.

HÆRESHARCH, Herefineard, of the Greek, Amptoneges, an Arch-Heretick. Ste Herery.

HÆRESHS, Herefy,

HÆRETICUS, Hereric, J See Herery.

HÆRETICO Combinerado, is a Writ that lies againft sow who is an Heretic, viz. who having once been concovered to the concording the control of the concording the control of HÆRETICO Comburendo, is a Writ that he's against one who is an Heretic, viz. who having once been convicted of Herefy by his Billiop, and having abjured its afterwards falling into it again, or forme other, is thereupon committed to the Reular Power. See Here. Tr.c, &c.
Sir Ectoard Coke was Of Oplaion, that this Writ did not

lye in his Time: But it is now formally taken away by tature, Car. II.

Science, Ceri II.

HAGARD, Is Falcoury, a Hawk, or Felcon, not taken in the Neel, but after the had been inner to Liberty, and prejuly for her felf. See Falcoure-and bring under Different Comments of the Comment of t of the Place he is in. HAGIOGRAPHA, a Name given to Part of the Books

of Scripture, call'd by the Jows Chesmoim. See Scalpture,

BIBLE, Co.

The Jour divide the Sacred Writings into three Claffes:

The Jour divide the Sacred Writings into three Claffes: The Law, which comprehends the five Books of Mofest The Law, which comprehends the five Books of Mofest The Prophets, which they call Nevilua, and the Chetwirm, od. Writings, call dy the Greek, Re. Hagiographs, com-prehending the Book of Pfalms, Proverbis, Joh, Daniel, Effens, Chronicles, Canticles, Ruth, the Lamentations, Exceptages and Effort.

The Jews call these Books the Writings, by way of Eminence, as being wrote by immediate Inflairation of the Holy Spirit. — Thus fay Knubbi, in his Preface to the Pfalms; Mainannides, in More. Neb. and Elias Levita, in his Thisbi, under the Word 202.

They diffinguiff them, however, from the Prophets; in that their Authors did not receive the Matters contain'd in them, by the Way call'd Prophecy, which confifts in Dreams, Visions, Whifpers, Extsites, &c. but by mere fimple Infpiration, and Direction of the Spirit. See INSTI-

The Word is compounded of aps, boly; and yester,

I swite. The Name is very antient: St. Jerom makes frequent Mention of ir. — Before him, St. Epiphanius call'd thefe

Books fimply People

Books imply Tepole.

HAGGISDIREL, et Haviourine. — The Greeks, who are under the Dominion of the Tep/E₁ being prowho are under the Dominion of the Tep/E₂ being propole to Chards, and I deploylers. So Barra.

Arigini given us the Derivation of a Higgisfore the
alticon. — This Place of tron, ballet is lander beault

for the Place of the Haggisfore to the Control Done. On
the they little with a from Hammer, with from Mentire

Cod, whereby it is full-profiled at the Church-Done. On
the they little with a from Hammer, with from Mentire

They alic carry a Higgsfelow before the Prefit in a
Proceding of the Starmanto to any file Perion, heating on
it from Time to Time, to advantile the Pougle to labor

The Weal is compounded of "age" shally an advan-

The Word is compounded of ay@, boby; and ash-

65, 1990.
Hall, Grando, in Physiology, an aqueous Concretion, in Form of white, or pellucid Spherules, defending on of the Aumofaphere. See Markon and Armosphera. Hail, is conceived to be form'd of Drops of Rain frozen in their Passage thro' the middle Region. See RAIN and FREZEINO.

Others, take it for the Fragments of a frozen Cloud, half melted, and thus precipitated and congent'd again. See CLOUD and BAROMETER.

Accordingly, the Cartefians define Hail to be a Cloud, Accordingly, the Carrelpian define Hall to be a Cloud, there who ly, or in Part Byttied, which tending down-tier who ly, or in Part Byttied, which tending down-tier who ly, or in Part Byttied, which tends the Linguistic of Some very could wind; and thus precipitated, for the mod Part, in roand transference Glebes. — They add, that if the Cloud have been routily liquified, the Hall-Hall and the Cloud have been routily liquified, the Hall-Hall affiness various Figures, according to the Depose of Hatt or Cold of the Air, which the Parts of the liquid Clouds path they's Sometimes 'its round, families and Clouds path they's Sometimes 'its round, families.

Angular, Triangular, Pyramidal, &c. fometimes thin and lat, flar-like, with fix equal Points, Co.

Hail is observed frequently to attend Thunder and

Heil is deleved frequently to attend Tunneler and Lightness at the Nitre that contributes to the one, having Lightness and the three that contributes on the one, having Lightness and the Nitre and Tunnels (See Truewars, Nitras, 260.

Nitreal Histories from the with wardon Indiance of Nitreal Histories for fifth with wardon Indiance of Nitreal Histories for the Nitreal Histories of Nitreal Histories for the Nitreal Histories for th doep. — The Hail-flower, many of which weighed five Ounces, and fome half a Pound, and were five or fix

Onices, and fome 'half a Posisia, and were frie or far inclusive about, were of various linguar, from sound, ether inclusive about, were of various linguar, from sound, ether the light of the property of the fame Boat, after a fewer cocked, which far exceeds the formers. Some Perform were little by it, their Bodies best at library and blue; a work as Syde. The Stores were manifed from the rothers of the property of the propert

At Life in Planders, solis, fill Heil-fluors of a very large Sire; fome of which contained in the middle a dark brown Murre, which Arevon on the Fire, gere a dark brown Murre, which Arevon on the Fire, gere a dark brown Murre, which Arevon on the Fire, gere a fire of the Arevon, fleaking of the War of Louis XLI, in Lesty, in the Yarr 1510, celture, that there was fire fome Time, a hordrike Durkuts, thicker than that of Neglet; a size the Yarr 1510, celture, that there was fire fluore three fill a Shower of Heisfender, or return as he called them Public-Rosen, which definedyd all the Fift, Blinds, and Beals of the Country. If was arrended with a Golden Some of them weighted as a translated with a Colour Some of them weighted promises, 1576 of Prontex, T. H. p. 539.

pulling a-shore.

palling a-fhore.

HAIR, little fiender Threads, iffuing out of the Porce of the Skins of Antinuls; and ferring most of them as a Tegument, or Covering. See Skins and Pork.

In Lieu of Herr, the Nakednes of fome Antinuls is covered with Feathers, Wool, Skins, U.C., See Fratters,

Woor, &c.

The Hair is found on all Parts of the Body, except the Soles of the Feet, and the Palms of the Hands. — But it grows longed on the Head, Beard, in the Arm-Pits, and about the Privities. See Public &c.

The Physicians diffinguish it into Kinds, and give it divers Denominations; but this only in Greek and Latin,

The Hair of the Head they call Capillus: That of Wo-— I we Test of our relation two can Cappaint: I hat of Wo-men particularly, Come, from squar, o areft and assignt, and that of Men Ceferres, from sectende, because often cut: That of the Back of the Head, Jobs and Crimes: That hamp-ing behind the East, Continuis; q. d. carled and backled. The Antients held the Hair a Sect of Exercisest, fed only

The Antons held the Hair's 80er of Excrement, fiel only with excrementation Mattern, and no proper Part of a living with excrementation Mattern, and no proper Part of a living and the property of the Hair of the Parts.—Their chief Raifons were, that the Hair being cut, with grow again asseq. con in extreme old Ags, and when yill gow again asseq. con in extreme old Ags, and when the Parts of the Hair that Pair the half seed and grow like the other Pairs, by Introfafeeption, i. e. by a Juice circulating within em; but, like the Nails, by Juxtaposition, each Part next the Root chrusting forward that immediately before it.

But the Moderns are all agreed that every Hair does put the sources are an agreed that every Patt does properly and truly live, and receive Natriment to fill and dilted it like the other Parts; which they argue hence, that the Roots do nor grow grey in agid Period forcer than the Extremities, but the whole changes Golora at once: And the like is observed in Boys, Sic. which

shows that there is a direct Communication; and that all the Parts are affected alike. — To which it may be added, that there are Instances of Persons, who by intense Grief, or Fear, have been known to grow grey in a Night's

corief, or Fern, how the man become going on Night-Corief, or Fern, how the man become in going only in Night-Corief, the Things of the Market of the Tell of the Market of the Tell of the Market of the Tell of the Body, and is not immediately derived therefore, or exciprossed therewish.— The rather of the Tell of the Body, and is not immediately derived therefore, or exciprossed therewish.— The rather out of the Earth, or as force Parts of others; from which the they draw their Non-Tell of the Tell of the

the Head. See Head.

Their Size, or Thickneft, depends on the Magnitude of the Pores they liftee from:— If those be finell, these are fine: If the Pores be thright, the Hairs are thraight: If those be oblique of finuous, the Hair is curl'd.

These colleges of manuals, the Hair is curl'd.

thofe be oblique: or finous, the Harr is carl'd. They ordinarily appear round, or cylindrical; but the Microtope alid different triangular, and fiquate one; a which Divertity of Figures arifes from that of the Porea; to which the Hairr always accommodate themselves. Their Length depends on the Quantity of the proper Hamor to fixed them; and their Cobar on the Quality of that Hu-jes. Whence, at different Stege of Life the Cobar dually of the Porea of the Cobar on the Cobar of the Life Cobar fixed ly differs.

differe. Idler of a Monfa, view'd by M. Durchum with a Muchoupe, frend or be one ningle studiences. Take, with a Pith made up of filtenes Soldtmadfreen. Take, with a Pith made up of filtenes Soldtmadfreen, the dark Line, in fome Haist transferdly, in others figirally. The darker medullary Parts, or Lines, he observes, were no other than final Ebres convolved round, and bying closer together, than in the other Parts of the Harr. They run from the Ebreson to the Tay of the Hairs, and, he insa-fren the Ebreson to the Tay of the Hairs, and, he insagines, may ferve to make a gentle Evacuation of forme Hu-mor out of the Body. Hence, the Hair of hairy Animals, this Author fuggetla, may not only ferve as a Fence against Cold, &c. but as an Organ of infentible Perfpiration.

Firstion.

The was effected a souther Honore enough to section the way between the configuration of the section of the section

TOSSINE.

Greg, of Fourt silines us, that in the RoyMartania Greg, of Fourt silines us, that in the RoyMartania Greg, of Fourt silines of Philipse of the Kings and Philicse of the Blood, us were long litely, artiful yearful call could. Every body effects of the RoyMartania Gregorian Gr

In the 815 Century, it was the Custom for People of Quality, to have their Childrens Hair cut the first Time, by

Perfors they had a particular Honour and Efferm for; who, in viruse of this Ceremony, were reputed a Sert of finitional Parenta, or God-Habern thereof. — The thir Parliche are read that Confidence are or read that Confidence from the Pope, the Indiffused as we read that Confidence from the Pope, the Indiffused that Confidence from the Pope, the Indiffused that Confidence from the Pope that the Confidence from the Pope that the Confidence for the Indiffused that the Confidence for the Indiffused that Confidence for the Confidence for Confidence for Consolidation and Cannon bows the Confidence interest that Confidence for Consolidation and Cannon for the Confidence in the Confidence in the Confidence for Consolidation and Cannon for the Confidence for Confidence for Confidence for Confidence for Consolidation and Cannon for the Confidence in the Confidence for Confi

uterly anonalitient with the Problition of Perfors who beer the Cods, Hence numberoes liquiditions and Canons to the contrary, — Prop. fairestat is commonly fuppoid to have been the first who forthed the Clergy to wear long Hairs; but the Problibition is of an older Stanning in the Charches of the Eigh; and the Lotter wherein that Ductre is write, is of a much later Date than that Pope. — The Christ I Touline's in exited by fifteen #fightenitis, or the Charches and the Common for the Common for the Common for the Charches and the Charches where the Charches are the Charches and as of Apostolical Institution. See CLERC.

as of Apotholical Infritution. See Cartic.
Long Heir was anismly held to offices, that there is
Control that the Year 2006, improving, that
Control that Carticol the Year 2006, improving, that
Charth while living 1 and not be payed for when dead,
We have a furious Declamation of Luitprand against
the Emperor Please, for watering long Hars, after the
Property of the other Emperors of the Siri, all except
the Control that the Control that the Siri and Control
Report of the Other Emperors of the Siri, all except
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Report of the Other Emperors of the Control
Report of

shave their Heads

flave their Heads.

The French Hillorians and Antiquaries, have been very exact in recording the Head of Hair of their Reveal Kings.—Charlensign were it very flort, his Son fliorter, Charles the Bald had none at all. Under Hagh Calve, it began to appear again: This the Ecclitaticks took in Dudgeon, and excommunicated all who let their Hair on Dudgeon, and excommunicated all who let their Hair or the second secon

in Dadgeon, and excommunicated all who let their Hairs grow. Peter Lomberd expolulated the Matter fo warm-ly with Charles the Towng, that he cut off his Heir; and his Soccetion For found Generations were It very floor. A Proteffor of Urreals, in 1650, worse expressy on the Opacition, whether it he lawful for Men to wear long Hair? and concluded for the Negative. Another Divine, named Rever, who had wrote for the Affirmative, replied to him

to him.

The Greeks, and after their Example, the Reasens, were fall titler. See Peanurs.

The Greeks, and after their Example, the Reasens, were fall titler. See Peanurs.

The Greeks, and the Reasens, where the Reasens, were being orand 4 sy Years after her Death, there was Harr found iffiling; north-plentfully her the Clefts of the Coding, inflorated that there was Reafts to imagine, the Coding, inflorated that there was Reafts to imagine, which was the Coding and the Reasens of the Read of the Reasens of the Read with the Read with Coding appeared in its prefet Shape; but from the Cown of the Head with Solle of the Tool, corred over with a thick feet with the Read with his Hinger, the whole Strucker fill at once, leaving nothing in his Hand but a Hand fall of Herr: There was neither Sindle, our compelling.

choogs, which are fame Collection, gives a Relation of a Man hangd for Their, who in a little Time, while he yet hung upon the Gallows, had his Body strangely cover'd over with Hair.

over with Hair.

Dr. Typos adds, that the the outward Surface of the
Body, be the usual Place where the Hair grows; yet
it has been fometimes tound ou the Tengue, in the
Heart, the Brusta, Kidneys, Es, but that there is feare
any inward Part more fubject to it, than the Ovary, or
Tellicies of Females, This. Collect, No. 2.

HAIR, makes a very confiderable Article in Commerce a efpecially fince the Mode of Perrukes has obtain'd. See

The Hair of the Growth of the Northern Countries, as England, &c. is valued much beyond that of the more Southern ones, as Italy, Spain, the South Parts of The Merits of a good Hair confift in its being well fed, and neither too coarse nor too stender; the Bigness rendering it less sniceptible of the artificial Carl, and dif-

poing it rather to irrazle; and the Smallness making its Curl of too fhort Daration.—Its Length should be about 25 linches; the more it falls short of this, the lets Value

There is no certain Price for Hair, but it is fold from Five Shillings to Five Pound an Ounce, according to its Quality.—The grey is the most coveted, then the white, Se. The Searchesis of grey and white Harr has put the Dealers in that Commodity upon Methods of redacing other Colours thereo. — This is done by fipreading the Hair to bleach on the Grafs, like Linnen; after first washing it out in a linivious Water. See Bleaching.

* Ecc

This Lye, with the Force of the Sun and Ali, brings the Hifr to 6p perfect a Whiteness, that the molt expe-tenced Perion may be deceived therein, there being fearce any Way of detecting the Artifice but by boiling and dry-ing its, which leaves the Hair of the Colour of a dead ing it; which leaves the *Hair* of the Colour of a dead Walnut-Tree Leaf.

There is aifo a Method of dying *Hair* with Bifmuth;

which renders such white Hair, as borders too much up the yellow, of a bright Silver Colour. — Boiling is a Proof of this too; the Bifmuth not being able to itand it.

Hair which does not curl or buckle naturally, is brought Hary which does not curl or backle naturally, is brought on it by Art, by firth bolling, and then baking it in the following Manner: — After having pick'd and forced the Harr, and diffyined it in Parece, according to the Lengths they roll them up, and tye them sight down, upon little cylindrasi I latituments, other of Wood or Potterty, a Quarrer or Wood or Potterty, a Quarrer of Wood or Potterty, a Quarrer and the property of the control of the control of the control of the them. an Inch thick, and hollow'd a little in the middle; in of an Inch thick, and hollow'd a little in the middle; in which skite they are put in a Pot over the Fire, there to heal for about two Hones. — When taken out they let them dry; and when dried, Plenud them on a Sheet of brown Paper, cover them with another, and thus feed them to the Paper, took; who making a Cruff or Coini around them of common Pall, fees them in the Oren, till the Cruft is about three fourths baked.

The End by which a *Hair* grew to the Head, is called the *Heas* of the *Hair*; and the other, with which they begin to give the Buckle, the *Point*. — Formerly the Perruke-Makers made no Difference between the two Ends, Perruke-Makers made no Difference between the two hooks, but caried and wove them by either indifferently a which made them unable to give a fine Buckle: Hair wore by the Point enever taking the right Curl.—Foreignors own themicities obliged to the English for this Diffeovery which was first carried abroad by a Perruke-Maker of our which was first carried abroad by a Perruke-Maker of our

Country. Ditt. de Commerce.

HAIR is also used in divers Arts and Manufactures Hair of Beavers, Hores, Conies, &c. is the principal Matter whereof Hats are made. See HAT.

Spread on the Ground, and left to putrify on Corn
Lands, Hair, as all other animal Subfasces, vio. Horss,
Hoofs, Blood, Garbage, Uc. proves a good Manure. See

Hair also makes an Ingredient in the Composition of Plaister. See Plaister.

Harn, in the Manage, and among Farriers, is popularly call'd the Cost, and makes a Point of principal Confideration in Refpect of Horfes, Sc. See Hoasa.

ration in Refject or Hories, [52. See Honars.]
If the Hair of a Horie, effectivally about the Neck, and
Parts uncovered, be fleck, and finooth, and clote; vis an
Indication of his being in Health and good Cafe: If
rough and flaring, or any Way difficulted, the denotes a
Collect, Poverty, or forme invand Defect. — To make
the Hair finooth, fieck, and fift, he must be kept want
freexted often, and when fivecated, the Coats well feraped

frested often, and were research, server as a Defence and rubbl' down.
The Hair geneting of the Festeck, ferver as a Defence Way, or in forbly Westber.

If a Place he bare, or thin of Hair, or the Hair be con flort; the another Farriers used to walk it with the Units of a young Boy; and after that with a Live of Lancy and the Company of the Company Deceline of the Roos of Althers, others with Gests Milk, wherich Agrimowy has been pounded, others with the Part with Nettle Sord, brailed with Henry Witer, and Salt; Others ander it with the Julice of an Obiacy of the Part of the Par

added. See MARE, STAR, U.

HAIRS-Breadth, is accounted the forty eighth Part of an Inch. See MEASURE, INCH. Sec. HALBARD, or HALBERD, an offensive Weapon

fifting of a long Shaft, five Foot long, with a Steel Head, formewhat in manner of a Crefcent. See Anna and

Ansown.
The Halbert was anticedly a common Weapon in the
Army; where, there were Companies of Halberteers: It
is fill restead by the Segment and Coperadis on direcin fill restead by the Segment and Coperadis on direction of the Halbert and the Halbert and the Halbert and the
Enters it was derived to the Secrit from the Secrito the English-Secret from the SecriThe Weed is formed of the German Halbert and
Secrit as Halbert. Polifies derives it from the German
Section 21 Halbert. Polifies derives it from the German
Sectionary of the Alcarus fightedness, and Secrit pirenals.

Others bring it from als, by Reason the Halbards were ranged in the Wings of the Army, quasi aliparasum.

HALBERT, among Fariers, &. is a Piece of Ien, an Inch Isosat, and three or four Inches long, folked the an Inch Isosat, and three or four Inches long, folked the almed Horfe from refiling or reading upon bit Toe.

Helbert Shoes do of Necessity constrain a lame Horfe tread or red on his Heel, when he goes a moderate Pace; which lengthese and draws out the back Sitew, that was formewhat furnals helper the state of the s

HALCYON-Days, Dies Aleyonis, a Phrafe, that fre-jeutly occurs among Writers, to denote a Time of Peace

and Tranquillity.

takes its Rife from a Sea-Fowl, call'd The Diction takes its Rile from a Ses-Fowl, call'd among Naturellis Haleyon, or Aleyon, which builds its Nest shour the Wister's Solflice, when the Weather is usually observed to be fill and caim.

The satient Tradition was, that it built its Nest, and laid its Eggs in the Sea 3 chusing for that Purpose a Seafon when the Waves were quite till.

HALL-Bloom, a round Mass of Metal, which comes out of the Finery of an Iron-Work. See Broomeny and Iron-Work.

Inca-Woon.

HAT-Mork, Dinulis Mirke, is a Noble. See Norex.

First-brief fery, that in Cale a Wirk be brought, and
the See More of the See More of the See More of the See More

Research of the See More of the See More of the See More

to the See More of the See More of the See More

to the See More of the See More of the See More

to the See More of the See More of the See More

to the See More

to

HALF-Moon, Denit Lune, in Fortification, is an Out-work, that hath only two Faces, forming together a faliant Angle, which is flanked by fome Part of the Place, and of the other Battians. See Our - Work, DEMI-Lune, &c.

Luna, Sc.
Thefe Holf-Moons are forneelmes raifed before the Curtain, when the Dirch is a little wider than it ought to be; in which Senfe it is much the fame with a Ravelin, only that the Gorge of an Holf-Moon is made bending in like a Bow, or a Crefecce, and is most Times wide to cover the Point of a Bitlien; whereas Ravelin, are placed before the Curtain— Dut they are defective, as being ill flanked. See RAVELIN.

See RAVELIN.

HALF-Penny, a Copper Coin, whose Value is expressed by its Name. See Pennys. See also Onders.

HALE-Sust, is used in Chancery, for the Sealing of Commissions to Delegates apposited upon any Appeal in Ecchiathical or Marine Caules. See Dragaty.

Half-Tongue, Medietas Lingue, is a Jury impannell'd in a Caule, where a Stranger, or Foreigner, is a Party. See Mantaras Lingue.

HALLEUTICKS, Halieutica, of the Greek, 'Automes, Books treating of Fifter, or the Art of Fifting. See Fran

HALIGAMOT. See HALIMOTE. HALL, was antiently used for a Manfion-House, or Habitation. See Manston.

HALL, Salle, in Architecture, is a large Room, at the Butrance of a fine Houfe, Palace, or the like. See Pa-

Lack, OG.
Virroviss mentions three Surts of Halls: The Terrefinite, which has four Columns furporting the Plationd, or Celling: The Cartistien, which has Columns all around, let into the Wall, and is vauced over: And the Egyptism, which had a Petrilyle of isoflated Cartistina Columns, bearing a facond Order, with a Celling. Their were called Oct.

call'd Oct.

The Hall is properly the first, and finest Partition, or Member of an Apartment; and, in the Houles of Mini-firs of State, public Magnifrent, U.S. is that wherein they diffracts Businest, and pive Audience. In very magnificent Buildings, where the Hall is larger and lottice than ordinary, and placed in the middle of the Houle, it is called a Safowa. See Salzons.

Houle, it is called a Satoon. See Saldon.

A Royal Apartment is faid to confit of a Hall, or Chamber of Guards, Aula Pretoriana; an Auti-chamber, Procamera; a Chamber, Camera; a Cabioet, Conclave; and a Gallery, Porticus. See Apartment.

and a Gallery, Portions. See Aranmany.

Hall is also a public Building, erected for the Adminitration of the Policy and Juffice of a City, or Corporation.—In this Sense we say the Town-Hall, a Company's

Hall, &c. Gnild-Halt, is a flately Building in the City of London, and the great Court of Judicature for that City. See Court and Guild-Hall.

Here, Meetings of the Citizens are held, for the Election Here, Meetings of the Cliftens are held, for the kitechool of Officers, followin Entertainment, &c.

Hall, is alfo particularly ufol for a Court of Julice;
or an Editic wherein there is one or more Tribanals. See
Court, Joyreez, and Triburals.

Court, Joyreez, and Triburals.

Kingdon, two West and the great Courts of this
Kingdon, two West and the Beach, Chantery, Common Plets, and Exchaquer. See Kingd-Planen, Coasson Plets,

and Excusques. Above Stairs, is likewife held the High Court of Par-

liament. Sec PARLIAMENT.

llament. Ser Parliament. Wesselburger, or Place of Refidence of our antient Kings; who ordinarily held their Parliaments, and Courts of Judicature, in their Duelling-House, sis sittli done by the Kings of Spisin) and frequently fat the faid Courts of Judicature, as they till do held to the Courts of Judicature, as they till do in Parliament.

in Parliament.

A goat Part of the Palace was bornt under Herry VIII.

A goat Part of the Palace was bornt under Herry VIII.

A goat Part of the Palace was bornt under Herry VIII.

Street, See, are Appen, in Said on have been built by William Registry others (by by Richard I. or II. Tis reckord Registry others (by by Richard I. or II. Tis reckord being to be found to the palace with the Herry of the Palace William Registry others (by by Richard I. or II. Tis reckord HALLAGE, a Fee due for Cloth brought for Suke to Richardswill-Hall in Landon.

The Word is also used for Toll paid to the Lord of a Fair, or Market, for Commodities fold in the common Hall of the Place.

of the Piace.

HALLEUJAH, a Term of Rejeving, foractimes fung or released, as the End of Veries on that Occidion, the Control of Veries on that Occidion, the Control Service. For a conditional time is was only used once a Year, in the Latine Church, who as Engler of the Control Service of the Control of Veries on the Control of Veries mentions in being fung at the Interments of Service mentions in being fung at the Interments of Service mentions in being fung at the Interments of the Control of Veries mentions in the Control of Veries of Ve

alfo on fome Occasions in Lent.

afte on forme Occations in Law.

The third of Gregory the Green, it was appointed to be ling all the lear nout in the Latter Charch, which make the control of the Latter Charch, which were considered to the Charch of Configurations in the Latter Charch, which was the control of the Charch of Configurations in that of Renne. But have been considered the Company of the Charch of Configurations in the Markov of the Charch of Configurations in the Charch of Charch o

HALLIARDS, or HALVARDS, in a Ship, are Ropes which ferre for huiting up all the Yards, except the Croß Jack, and the Sprit-fail Yards. See Yard.

HALMOTTE, or HALLMOTE, from the Gazon heale, i.e., Aules, Hall, and Jemore, convenius, Meeting; is that fame with what we now call a Control Paron; the Word implying a Meeting of the Tenants of the fame Hall or Manor. See Baron.

Omnis caufs terminetur, vel Hundredo, vel Comitatu, vel Halimote, focam habentium vel dominorum curis. L. Hen. I. Cap. 10.

The Name is fill retained at Lufton, and other Places

The Name is full retined at Lafon, and other Flaces in Herefeedings. See More z. Greatest of Citizens II is forestiment ellis taken for expension of Citizens II is forestiment ellis taken for each confidence of the Control of the Followst Annie of Tennau were decermined.

HALD in Polytochew a More of a Brancis of the Followst Annie of the Followst An HALO, in Physiology, a Meteor, in Form of a lumino

HALO, in Phylosogy, a Meteor, in Form of a luminosis Ring, of Cifec, of various Colours, appearing round the Bodies of the Sun, Moon, and Stars. See Maxicon. That around the Moon is the moft ufual; and is also call'd Corons, Crown. See Conona. That about the Sun is peculiarly call'd Parhelia. See

PARHELIA.

The Word is form'd of the Greek, also, or also, Area. The Word is torrard of the Greek, doke, or doke, doke, Naturalific conceive the Halo to arife from a Reinfoot of the Rays of Light in their patting throw the fine, rate Offende of a thin Noblemale, or Voyon, wound the To-ther and the Conceive the Conceive the Conceive a Quantity of Water being thrown up against the Sun, as it breaks and disferse into Dropt, it ferms a Kun, as the break and disferse into Dropt, it ferms a Kun, as of Halo, or Iris, exhibiting the Colours of the Natural ones. See RAINROW. Mr. Haygens supposes Halo's, or Circles round the Sun, to be formed by small round Grains of a Kind of Hail, to be formed by frail round Crains of a Kind of 1861, made up of two different Parts; one of which is optice, an inclosed in the other which is transparent: Which is the Structure really observed in Hall. See HAIT.

After the same Manner he accounts for the Partbulla 5

After the same planner he accounts for the Parhosine; only that there he imagines the key Grains of an oblong Figure, and rounding at the Eads 1 like Cylinders, with round Convex Tops. — Where fome of these Cylinders are in an erect Postico, the Circle they form will be white, by Reason of the Reflection of the Rays of the San on the urface of these Cylinders.

Surface of theft Cylinders.

Me proceeds to account for the coloured Halo's, and
Parbuild, from the finne Hypochetis; and produces an
which is a pliet Cylinder, a Foot long, having
which is a great of the pliet Cylinder, a Foot long, having
Wood) and the ambient Space filled with Water: This
Wood) and the ambient Space filled with Water: This
Cylinder being exposed to the Sun, and the Eye difPolitical to the proper Place; the feveral fractifier Reflections
and the proper Place is the feveral fractions of the colours

Medical Security and the colours of the colours of the colours

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Medical Security and the colours of the

and Refractions necessary to proping appears and the factories through Drops of Rain by The Light which comes through Drops of Rain by Wor Refractions, without any Rediction, Sir II. Neutron observes, ought to appear fironged at the Diffance observes, ought to appear fronged at the Diffance should be proposed to the Drops of the Diffance from him increases and dehim the discussion to the underfited of Light, transboth ways, as the Diffance from him increases and de-creates: And the fame is to be undershood of Light, tranf-nitted through fisherical Hall-thones, — Add, that if the Hall be a little flatted, as is often be Cafe, the Light transmitted may grow to strong at a little less Diffance than that of a Degrees, as to form a Halo about the Sun or Moon; which Hall, as often as the Hall-thones are San or Moon; which Hafa, as often as the Hall-Hones are daily figured, may be coloared; and then it must be red within by the leaft refrangible Rays, and blue without by the most refrangible ones; effocatily if the Hall-Hones have opake Globules of Snow in their Centre, to inter-cept the Light within the H Io, as Harygear has obstract, and make the infide thereof more diffinitely defined than it would otherwise !

It would otherwise be.
Such Hail-Huner, though fiberical, by terminating the
Light by the Snow, may make a Haio red within, and
colourkis without, and darker in the red than without,
as Haife's after be. Fer of those Rays which past some
the Rubritorns will be last refereded, and so
come to the pit of the Rubritorn will be last refereded, and so
HAISFANG. See HAISFANG SEE HAISFAN

HALSFANG. See Hartrance and PILEONY.
HALT, in Wur, a Pauli, or Stop, in the Match of
unitary Body. See Pause.

Pikes, So. an End.

HALTERISTE, HALTERISTS, in Antiquity, a Sort of
Players at Differs; denominated from a peculiar Kind of
Differs, by the Greeks call'd sarig, and by the Latins
Halter. See Discus.

History. See Discous.

Budent, and others, take the Halter to have been a leaden
Weight, or Club, which the Vaulers bore in their Hands,
to focus and keep themfelies the more fleady in their
Lasping.—Ner will their Authors allow of any Sort of
Halter befides this Weight; nor other Helterijs but theife
Vaulers.—But Cornariut, in his Comments on Geler, refutes the Opinion.

relates the Opinion.

Others, as Cornarius, Confloratine, and Portns, will have
the Halter to be a Lump, or Maffire of Lead, or Stone,
with a Hold, or Handle, field to it, by which it might
be carried; and that the Halteriffe were those who exarcited themselves in removing these Maffires from Place to
Place. —These Authors add, that the Weight, or Ball mention'd by Budgus, was not call'd darles, Halter, but darles, Aleler, which fignifies Affifance, Help.

Hier. Mercurialis, in his Treatife de Arte Gymnastica; . II. C. 12. diftinguishes two Kinds of Halterifie; for tho' there was but one Halter, there were two tho' there was but one Hastier, there were two Ways of applying it. — The one was to throw on pitch it in a certain Manner, or only to hold it out at Arm's End; and in this Podure to give themselves divers Motions, Wirejeright the Hands backwards and forwards, Sc. according to the engraven Figures thereof given us by Mercurialist

ing to me engraven rightes thereof given he by internating.

The Halter was of a cylindrical Figure, lefs in the middle, where it was held, by one Diameter, than it the twa Ends. It was above a Fool long; and there was one for each Hund: It was cither of Iron, Stone, or Lead, Galen, De truend, Valetud, Lib. I. Lib. V. and Lib. VI. Ipeaks of this Exercite, and shows of what Ue it is in parging the Body of peccant Humors; making it equivalent both to Purgation and Philebotomy. See Exercise and HALTING, among Farriers, &c. an irregulatity in the cight or ten Days, likeping them in *Justification* Water, and Morion of a Horie, artifing from a Lamental, or other driving them by the Smooth of *Justification* Woods.

Impact in the Smoothed, rad, or Notes, which leads him to HAMADNADDES, in Abstiguity, fabbless Delications and the state of the American Smoothed Computer Smoothed Com

Injury in the Shoulder, Jeg, or Foot; which leads him to fipare the Part, or alle it too timeocodity.

An Acquaintance with this Difforder, in its feveral Circumstance, is a Thing of great Exent in the Affairs of the Manage; for which Realon we shall add the principal Points relating thereto.—If a Horfe Batis, 'viis either before; in which Case his Grief lies either in the Shoulder, the Legs, or Feet : Or behind, where it must bye in the

the Logs, or recet: Up behind, where it must bye in the History, Ham, or the like.

17. The Signs which indicate it in the Shoulder, are his not lifting up his Log, but trailing it on the Ground so en his catting out one Log more than the other, and with his Knee, in a Manner, when — Add that in turning frost the state of the control of the state of the his knee, in a Manner, unicet.— And that in turning frost he will withby know the Lee go on the lame Side. Again, if the Allerton of the Shoulder Blade, call'd the Millerton of the Shoulder Blade, call'd the Millerton which is known by his Halling most when a Perfon is on his Back, his furnithing much, and officing to blive when gripted, and handled about the Top of the Shoulder Blade. Or in the Bortom of the Shoulder Blade, joyning to the Marrow Bone, which is the fore Fifth of the

Or in the Schmit, which is differented by frome Spilin, Steve, Windegall, e. other willow Malard vertices Contour, and at I in the in the Flow, it is other in the General Contour, at I in the in the Flow, it is other in the General Contour, and the Contour Contour Contour Contour, and the Spiling or the Michael Contour Contour Contour Contour Contour the Richael Contour Contour Contour Contour Contour Halloting more wise on the Edge of a Bank than when middle of the Hoof and the Host, which is known by his Halloting more wise on the Edge of a Bank than when when the Contour Contour Contour Contour Contour Production Contour Contour Contour Contour Contour which will be a supposed to the Contour Contour Halloting Contour Contour Contour Contour Contour which will be a supposed to the Contour Contour which will be a supposed to the Contour Contour which will be a supposed to the Contour Cont

Huckle Bone, he will go fidding, and not follow fo well with that Leg as the others; nor will be turn on that Side without invouring the Leg; add, that he flows it fill melt, in walking on the Side of a Bank with the worlt Leg highert.

worft Leg higheft.

If a Horfe has any hidden Infirmity, that will bring him to bast when he comes to Travel, it may be difcover'd by running him in the Hand on finooth Way, at the Length of the Halter; and obfering how he fets cover us running mm in the stand on imooth Way, at the Length of the Halter; and observing how he fets down his Legs: If he favour none of them, he is to be further pavored, by riding him roundly rill well heated; here letting him fand fittl an Hour, and after that running the letting him fand fittless bareh; and after that running him in the Hand at Hairers length as before.

him in the hand at Hauces length as betwee.

HALYMOUTE, properly fighifies an Holy, or Ecclefiaflical Court. See Halmorr.

There is a Court beld in London by this Name, before
the Lord Mayor and Sheriffs, for regulating the Bakers.

The Lord Major and Sixetins, for regulating the Saactre— It was antiently held on Sunday next before 8.7 Famina's Day, and for this Reafon called the Halpunete, or Holy-Court.—The Title thereof runs thus: Corra famili-motous tents in Guilhalds Civitatis London. Coram Majori &

HALYWERCFOLK, antiently fignified fuch Perfons of the Province of Durbsm, as held Lands, on Condition of defending the Corps of St. Cuthbers; and who hereapon claimed the Privilege not to be forced to go out of the Bilhoprick either by King or Bilhop. Hift. Dunnstm. Hance Durbsms in our Year Books is called Franchife

de Werk. Selden.

HAM, a Saxon Word, properly fignifying a House, or Dwelling-Place. — Sometimes it also fignifies a Street, or

Village.

It that the Name of matter of our Towns and Hase as Namingham, Backingham, Wallingsham, Vallingsham, Callingham, Wallingsham, Callingham, Wallingsham, Callingham, C

Wolfphalia-Hams, fo much in Vogue, are prepared by Salting them with Salt-Petre, preffing them in a Prefs

HAMADRYADES, in Antiquity, fabulous Deities, re-vered among the ancient Heathens, and heliev'd to prefide over Woods and Forefts, and to be inclosed under the Bark

of Oaks. See Gop.

The Word is compounded of apas, fineal, together; and

The Word is compounded of ages, firmly together; and pues, Dryad, of \$250, Oak. See Davades.

The Hamadryades, acadylads, were fupposed to live and dye with the Trees they were strateld to; as is observed by Serviss on Virgit, Eccl. X. v. 62. after Memofinachus, the Scholist of Apollonius, &c. who mention

finesten, the Scholist of Apallenin, &c. who mention other Traditions retain therein.

One Traditions retain therein.

One of the Tradition of HAMAXOBII, HAMAXOBIANS, in the ancient Geo-graphy, a Nation of People who lived wholly in Cha-

graphy, a Nation of People who lived wholly in Clai-riots; whence their Appellation, from auace, a Car, or Charies, and files, Life. The Hamassohil, or Humassohile, were an ancient Peo-ple of Agiorus.—Two had no Houles, but I ents made of I Adjooy.—Two had no Houles, but I ents made of Leather, and find on Charies, no be ready for fifting

and Travel. HAMBOROUGH Company. Sec COMPANY. HAMMELING, or Ham-firinging, the Act of cutting

off the Ham.

off the Ham.

Handing, or Hamiling of Dogs, it the time with ExHamiling, or Hamiling of Dogs, it the time with ExHAMLET, HAME, or HAMPRIN, from the Sixon,
HAMLET, HAME, or HAMPRIN, from the Sixon,
HAMLET, HAME, or HAMPRIN, from the Sixon
Pare is A Village, or stabe, a Perrie is A Village, or stabe, a Perrie is A Village, or stabe, a
Pare is A Village, or Sixon, in the Sixon,
Hamilton, Soy, Hamilton were, yet maintenant
filtering non elatinating how of his quintum expiration
playing and adjusted plan. — The Sexum of Linea, its plays non depressing fur. — The Statute of Louis, and
Edw. I. mentions this Word thus, Les nofines de routes
thes Villes & Hamilets que four en fou Wapentake. In an
ancient MS, it is expounded the Seat of a Free-holder.

HAMMER, an Infirmment of Iron, with a Handle of Wood, ut'el in most mechanic Arts, to beat, streeth, drive, Ge. See Ba-Arina, Ge. Bodies capable of being fletch'd, or extended, under the Hammer', are faild to be malifeable. See Mallea-

The Latins call it Mallens, of Mortellus, by which Name Pliny calls it, when he fays, that Cynira, Daugher of Agriope, invented the Hammer and Plinchers. Menage derives the Latin Name a Marre, & Martin. The Hammers of Forges, are moved or worked by a Water-Mill. See Forges.

HAMMER Hardening. See HARDENING. HAMMER of a Clock. See CLOCK and CLOCK-

HAMMER, in Anatomy. See MALLEUS.

HAMMERING, the ACI of beating, or extending, and HAMMERING, the ACI of beating, or extending, as lody under the Humaur. See Hassian, or the State of the State of

For the Method of Coining with the Hammer, See

HAMMOCK, or Hamac, a Kind of hanging-Bed ; fufpended between two Trees, Poffs, Hooks, or the like; much ufed throughout the Wolf Ludiet, as also on Board

mach site direceptore the High Indiat, as also as Board of Sugar, James patter Hausster to Trees, and then Green State of the Hausster and the Hausster of Hausste

According

According to Fa. Plumier, who has often made are of the Hanase in the Isales, it conflits of a large, throug Correlet, of these of courte Cotton, does fit row Strates of the Strategy of the Lime Straff, they which a string is run, and long of the Lime Straff, they which a string is run, and long of the Lime Straff, they which Isales of the Straff is run, and long of the Lime Straff, they whole Isales of the Corpe and the Straff is run, and which are closely only the Straff is run, and which are closely only the Straff is run, and which are they whole the Straff is run, and which are they will be straff in the Straff is run, and which are they will be straff in the Straff is run, and which are the Straff is run and th

HAMUS, or HAMULUS, is an Hook. See Hoon.
Surgeons also make Use of an Instrument thus called,
to extract the Child in difficult Labours.

HANAPER, or HAMPER, an Office in Chancery. See CHANCERY

CHANCHAY.

The Clerk of the Hanaper, fometimes flyled Warden
The Clerk of the Hanaper, fometimes flyled Warden
The Clerk of the Hanaper, to the King for
School of the Hanaper of the State of the King for
School of Changer of the State of the Hanaper
and the Keeper of the State of the Hanaper
all Times of Schings and takes into his Cartody all featall Times of Schings and takes into his Cartody all featbeautiful the Changer of the State of the Hanapers, which
Bagey but and the Hanapers of the Hanapers
Three is all fine on Cliffice, who is Computeller of the
Three is all fine on Cliffice, who is Computeller of the

Bage 1 ber andemfy, it is fuppeded, into Handprey, when give Decomination to the Office.

Ber Decomination to the Collection of Compression of the Handler, See Courrescent, as Silvin, are Falls, or Deficient of the HANCES, it as Silvin, are Falls, or Deficient of the Greek of the Collection of the C

to draw fricht towards us, or thrust them off.

Absessyors's is repreferated by ancient Authors, as maintaining, that Man owes all his Wifdom, Knowledge, and
Superiority over other Animals, to the Ufe of his Hand.

Superiority over other Animals, to the Ufe of his Hand.

The superiority of the Wiffel Creature, because he has Hands;

To him, is nor the wiffel Creature, because he has Hands; to him, is not the wifelf Centure, because he has Hand's but he had Hand's given him because he was the wifel Centure. For it was not our Hand's that taught us Arts, but Reafon. The Hand's are the Organs of Reafor Group for the Hand, among Anatomistis, Cathad from the Shoulder to the Fingers Ends; call'd stift, he are ready.

extenss from the onominer to the ringers man; and also the greater Hand.

It is divided into three Parts: — The first reaching from the Shoulder to the Elbow; properly call'd the Arm, Brachium. See Arm.

The fecond reaches from the Elbow to the Wrift.

The freend reaches from the Eibow to the Writi.

The third, the Hand, Manus, property for call'd, call'd at 6, the lefter Hand, or extrems Manus.— This is fished indeed into three other Parts; the Carpas, which is the Writi:—
The Messastpus, which is the Body of the Hand, including the Durlym and Folis:—And the Fingers, Digiti.
See each deferibed under its proper Article, Casarus, Mitta-

Charus, and Fingers.

The Mufcles whereby the Hand is moved and directed, are the Paimaret; the Flexor and Extension, Carpical, Land The MINICES WHENEY CA, and Extensor, Carpi CA, are the Palmareis, the Flexor and Extensor, Carpi Ulmaris, and Radialits, Perforatus, Perforans, Lumphicales, Interessor, Abmillors, and Flexor, of the Fingers. See each in its Place, PALMARIS, FLEXOR,

cut off

It has most of the Motions of the natural Hand, which are effected by Means of Springs, Pullies, Pinions, Buttons, S.c. Anab. Pare gives us its Structure at

Hawn, in Fakonry, is used for the Foot of the Hawk:—
Hawn, in Fakonry, is used for the Foot of the Hawk:—
To have a clean, strong, stender, giutinous Hand, well clawed, are fome of the good Qualities of a Hawk or Falcen. See Hawk and Falcon.

Hand, in the Manage, is a Term varioully afed, — Some-times it flands for the Fore-fert of a Horfe.

Hand is allowed, for a Division House, into reco-parts, with Refixed to the Richert Hand. — The Erre-bons includes the Head, Nosk, Concellurates. — The Hind-bons is all the reft of the Horfe. Spear-HAND, or Sword-Hand, is used for a Horseman's Right-Hand,

Bridle-Hand, is his Left-Hand. — Your regular Cava-lier holds his Bridle-Hand 2 or 3 Inches above the Pommel

hir blook his Brible-Henri 2 or 3 unitaries.

A Horferman is faile to have no Henri, when he only makes Urije of the Brible understandby, not knowing how and hear of the Brible understandby, not knowing how and the Brible of the Henri with Difference.

In the Stay apon the Henri, and no be always prepared in the Stay apon the Henri, and no be always prepared to avoid any Surprise from him. — When the Hedre obeys undersee the Briblest of the Henri, he is faile or region and surfaces the Briblest of the Henri, he is faile or region of the Henri Stay and the stay appeared to the surface that the Briblest of the Henri, he is faile or region and the surface that the

well upon the itens.

A Horie-man naght to have a light Hand, i.e. he ought only to feel the Horie uponshis Hand, fo as to refult him whenever he attempts to flip from it; and affore as he has made his Refutance, ought to lower the Bridle, inflead of elections. of cleaving to it.

of cleaving to it.

If a Herle, by a too great Eagerness to go forward,

presser too much uspon the Handa, it ought to be flackmend at creatin Times, and at other Times to be kept hard,
in order to disappoint him from continually pressing upon the Bit. This Facility, or Liberty of the Hortennia,
of flackening or stiffening the Hand, make what they call

a good Hand.

The Reason of the Appellation was, that Guido Aretin, upon inventing the Notes, ut, re, mi, fa, fol, ia, disposed them on the Fingers of the Figure of a Hand stretch'd See Nore. out. See Note.

He changed the Letters of the Alphabet, nfed till that
Time to express the Note, for their fix Syllables, which
he took out of the first Strophe of the Hymn of St. John
Boptift, composed by Panist Discours.

Ut queant Laxis re-fonare fibris Mi-ra Gestorum in-muli tuorum Sol-ve poliuti la-bii reatum. Santie Joannes,

Imposition of Hanns, or Laying on of Hands, fignifies the conferring of Holy Orders; a Ceremony wherein the Hands are laid on the Head of another, as a Sign of a Mussion, or of a Power given him to exercise the Functions of the Ministry belonging to the Order. See Ora-DINATION, GG.

DIMNIFON, Ed.
The Apolitic began to appoint Millionates by the Impotion of the Apolitic began to appoint Millionates by the Impotion of the Apolitic began to the Apolitic b Left-Hand, — To marry with the Left Hand, is to Espoase a Woman of inserior Degree, whole Children, in virtue of such Marriage, are not to succeed to the Father,

virtue of fach matriage, are not to incoced to me Fauer, nor flare with the other Children jour but be contented with what Fortune the Hauband shall appoint them the next Day after Marriage.

This Method of taking Left-banded Wiver obtains in

ermany. See Marriage.

HAND, is also need for the Index of a Clock, Watch, HAND, Is also inflated to the lacks of a Clock, Watch, or the Bills, ferring to four the Hong (e. ac LNDLX, HAND of flates), and a Septer, or know, a series of flates, is a Septer, or know, or know, having an Ivery Hand at the Extensity thered; offer an Artificiate of Kings, wherewith they are painted in the Artificiate of the September 1, and the series of the Artificial September 1, and the series of the Artificial September 1, and the series of the Artificial September 1, and the series of the Sept

Long-Hann, Longimanus. — A Kind of Title, or Surname, affumed by certain Princes. Artaxersus, the Son of Kerses, and his Sucception in the Perfasa Empire, were thus denominated; as having one Hand longer than the other. other.

Short Hand. See Tacheography.

Bloody Hand. See Bloony-Hand.

Hand is alfo figuratively ufed in Painting, Sculpture,

Se. for the Manner or Style of this or that Mafter. See

MANNER, STYLE, Sc.
HANDS, are born in Coat Armour, dexter and finifler; that is, right and left; expanded or open, and after other

Manner,
Auze, a deeter Hand couped at the Wrift, and extended in pale Argent; is horn by the Name of Branch
— Argest, three faither Hands, copped at the Wrift, Guke,
by the Name of Meyards.

The Kinghis Beronets, are to bear in a Canton, or in
an Effourthou, which they please, he Arms of Utifer,
viz. In a Fleid Argent, a Jindier Hand couped at the Wrift, Gules. See BARONET.

HAND-Horow, from the Saxon, Bong-hand, a Surety; est quast vas, aut fidei jussor manuensis, boc est, minor, seu inferior, nam Head-boroce, vas est Capitalis, vel

ef qualit vai, and pase suppression requirements, one of Ceptralit, vei injerior, nom Head-borrows, vas ef Ceptralit, vei fupreiror. Spelman. See Hran Bonouoti.

Handbergerischt, is fonetines ufed for a Messure of three lacket. See Incent and Mranum.

Hand, or Handpur, is also a Messure of four Inches, by the Standard, according to the Stat. 33 H. S. Cop. 5.

See MEASURE. See Meaterne.

The Hands, among Jockeys, is four Flogers Breadth, and is the Meafare of a Fift clench'd; by which the Height of Horfe is meafared.

A Horfe for War floadl be 16 or 18 Hands high.

HAND-HABEND, in our ancient Cultoms, denotes a Thief taken in the very Fact. See Hond-HARIND.

Si quis bominem liberum latrocinium, feu rem furatam

HANGINUS, Limings for Rooms, made of Arms, 1 averly 8c. Set Tarestay.

HANGS-Ours, in Building. See Batter.

HANBE, or ANSE, an ancient Name, for a Society or Company of Merchants; particularly those of certain Cities in Germany, 8c. herce call'd Hange Forms. See Company and Hange Town.

Hansa Towns, certain Free Towns of Germany, and the North, united in first League, under Laws and Magistrates of their own appointing, for the better carrying on of Commerce, and their mutual Sastety and Affishance.

SEC COMPANY

Sec Conference. This celebrated Afficiation, which makes fo great a Figure in the Hildery of Commerce, is commonly furposed to have commenced as Erreace on the Weiger, in the Year 11643 others fay in 1260, immediately after in leaurifons and Pyrateic of the Omner, Normann, &c. others in 12063 and others in 1903 But the 120 CHIMEN when it will, it was confirmed and re-critabilithed in 1270. See COMMERCE.

See COMMERCE.

At first it only confished of Towns fituate on the Coaths of the Balitic Sca, or not far from it.— But its Strength and Reputation interesting, Scarce any Trading City in Europe but defired to be admitted into it.

Under our King Heury III. the Hausse consisted of so Under the No. Cities; to which were alterwards added 4.

more. Frames furnished to the Confederacy, Ronen, St. Malo, Frames furnished to the Confederacy, Ronen, St. Malo, Edwardscaus, Hayone, and Margielles: Spain, Barrelona, Secul, and Cades: England, London: Forugal, Liftban: — The Low-Countries, Anteury, Dort, Ansterdam, Office, Resterdam, Office, and Dimekirk: And Italy and Sicily, Mifflind, Legborn, and Market. And Italy and Sicily, Mifflind, Legborn, and Market.

The Hong's was divided nos 4 Califo, or Members,

which were those of Lubes, Cologn, Brunfwick, and Pruffis, or Dontrie. — Those four Cities were the Heads of the four Members; and Lubes that of the whole

Hangle. Befide this, the Hangle had four principal Factories, or Stapks, at London, Bruges, Novograd, and Bergs, that of Bruges was afterwards removed to Amerocy. But the first and principal was that of London, which fill remains the Head of the Afficiation. That of London was call'd Guildalla Futunnicorum, or the Stillyard. See Strik-

The Government of the Hanfe was at first Aristocra-tical: Then it came under the sole Direction of the Grand Master of the Tentonic Order; and, at length, diwers Princes and Lords made Interest for itThe End of the XIV th Century, and the Beginning of the XV th, were the most flourishing Times of this Al-liance. — They were then in a Condition to proclaim liance. — They were then in a Condution to proclaim War againff Kingas Hilfory is not fillent, as to that they waged againft Waidemar King of Denmark, about the Year 13483, and againt Eric, in 1428, particularly this laft, where the Hanfeatie Fleet confilled of Forty Ships, containing above 12,000 Regular Troops, befule Ships, the Seamen.

the Seasons, whose principal Cities were Best on the Affactions, began to high at Fred Point on the Affactions, began to high it Follow part forme Bounds to a Power, which, in 'Itms, might have proved formediable to thenderics.— The Means have proved formindable to thenderics.— The Means have been been consistent from the great Number of Cities in that comprehended, found it left fank to those few which has begun the Means of the Comprehended of the Comprehended

The Divisions that were got among them, contributed greatly to their Fall: Nor must it be forgot, that the Establishment of the Republic and Commerce of Holland

Ethild ment of the Republic and Commerce of Helland had in Share them of the State which form'd the Leapne, were Leave to the Commerce of the State of the Commerce of the Com

having fav'd them more than once from the Enterprizes

having fav'd them more than once from the Enterprises of the Neighbourgo Princes. See COMMERCE, TOWN THE WORD INFO.

The Word Hardy, is obtained Happ-Branch, or Terrande, The Word Hardy, is obtained the Physical Property of the Comment Words, Amplife, that is, on the Sea, by Reafon the first Hardy Towns were all finance on the Sea-Coult Weeney, the Software Words in fail on have been first called, see not fidely, then the Hardy Towns were all finance on the Sea-Coult, by Adominate, by Adominate, and Stewards, by Adominate, and Stewards, by Adominate, and Stewards. Hanfee, and Hanfe.

HANSEATIC, fomething belonging to the Alliante, or

Company of the Hanfe.

Thus we fay, The Hanfestic Body: The Hanfestic Towns, &c. See Hanse.

HANSGRAVE, the Title of an Officer in Germany.

The Hanggrave is the chief of a Company, or Society.

The Word is a Compound of the German, Hange, and

Graf, Court. See Grave.

HAP, in Law, from the French, Happer, to catch, or finatch, fignifies the fame with us: — Thus we fay, to Hap the Postedion of a deed Poll, Listleton, Fol. 8. to Hip the Rent.

If Partition be made between two Partners, and more Land be allowed the one than the other; and fine that hath most of the Land, charges her Land to the other, and happens the Rent; she shall maintain Affice without

and happeth the Kent; and man and Argueth Word for an Andlenny, Hackney, an old French Word for an ambling Horfe. See Amelina.

HAQUEBUT, a Kind of Gun, or Caliver, otherwife called an Harquebust, or Arquebuste. See Harque-

It is also call'd a Hagbut. — The Haquebut is a higger Sore of Hand-Gun; thus call'd from the Tentonic, Hack

HARANGUE, a Modern Fronch Name for a Speech, or Oration; i. c. a Discourse made by an Orator in public. See ORATION. Monage derives the Word from the German haboring, or the Linglife hearing. Others derive it from the Latin, Ara, Altar, by Reaton the first Haranguer were made before Altars: Whence the Verfe of Javanal,

Aut Lundunensem Rhetor dicturus ad Aram.

The Word is also frequently used in an ill Sense, viz.

For a too pompous, prolix, or unseasonable Speech, or Declamation. — In Homer, the Poets generally Harangue

ere they come to fight; as in England, Criminals Ha-Fergure on the Scalidol before they die. Sr. Evrent. HARBINGER, an Officer of the King's Houshold, baving four Yeomen under him, who ride a Day's Jour-sey before the Court when they travel, to provide Lodg-

HARBOUR, a Sec 2-00-7; va.

de faite at Anchor. Sec Pont.

The Word is chiefly applied to those closed, or secured

The Word is chiefly applied to those closed, or secured

the a Bomb. or Chain; and that are surnished with a

The Word is chiefly applied to those clotted, or fecured with a Bomb, or Chimin; and that are furnified with a Mode, eff.. See Mos. 8, cfs., procinc, or custrain; to find a retting Place. — A money Hammer, an Harr is field to Harbour when he goes to Reft; whence to author/boar a Doen; it to diffeed him. See Harvariao. HARDENING, the Act of communicating a greater than the state of the seed of the Se

HARDNESS The Hardening and Tempering of Iron and Steel, makes a confiderable Article in the mechanical Arts. See

makes a considerable Article in the mechanical Area. See Innos, Syrara, Tarana rate, 26c.

There are divers Ways of effecting it; as by the Hammer quenching it, when het, in cold Waters, Cafér harmony and temper English, Plansily, and Sweetight Sweet, they give it a pretty high Heat, then fladdenly quench it in Water, to make it very hard. Spanify and the Plansic Steel only need a blood red Heat, and then quench'd. See HEAT.

The Workmen fometimes grind Indigo, and Sallad Oyl

The Workmen formeriness gried Indigs, and Salish Oyl toughter, and mb the Mixture upon in with a Woolline Rang while it is heating, and let it cool of it field. If the Seed be no hard to briefle or in Edge, fpring, or pointed influences, it may be let down, or made and rub hard on the Work, to sake the black Sour for it, and brighten it, then let is hear in the First, and, as it grows hetter, the Colour will change by degree, compared first to a high Goldiff. Colour will change by degree, compared the work of the Colour will change it. Goldiff. Colour will change it. Goldiff. Colour will change it. Colour will change it. Goldiff. Colour will change it. Colou Colour, and at last to a blue Colour: Chuse which of these Colours the Work requires, and quench it suddenly in the Water.

in the Water.

Memmer HABBERTAN, is molify ufud on Iron and
Sterl Planes, for Suns, Spiring, Radis, Gr., See, Serviss, Ge.

**Serviss, Gr., Serviss, Gr.

HARDNESS, Durities, in Philosophy, that Quality in Bodies, whereby their Paris cohere firmly together, fo as to refilt the Touch. See Consists.

In this Sente Hardrage! coincides with what on other Occasions we call Firming!, and formetimes Solidity, in Opposition to Fluidity. See FIRMINES, SOLIDITY, and

Commence of the Commence of th

and Gold, doing the like in Wax.

The Epicaryas and Gorpufcular Philosophers, account
for Hardwell, from the Figure of the component Parts,
and their Union together. — Accordingly, form acforbe it
to the Aroms, or Particles of the Body, being hooked,
and thus mustually actabing and hanging upon one mother: But this is directly bringing that for an Antwey,
which was the Quelition. For how do holds booked Parts

ther: Bur this is directly bringing that for an Anfwer, which was the Queltion. For how do those board Paris hang on? See Parisers.

Again: The Cartesfasts will have the Cohesion of hard Booles, effected by Reft; that is, by nothing at all. See

ir If. Newton flews, that the primary Particles of all Bodies, whether folid or fluid, are hard, perfectly hard; and not capable of being broke or divided by any Power and not capable of being broke of divided by any rower in Nature. — See Matter, Body, Element, Co.

These Particles he maintains to be connected together

by an attractive Power; and according to the Circum-flances of this Attraction, is the Body either bard, or foft, or even fluid. See ATTRACTION.

or even fluid. See ATTA ACTION.
If the Particles be foldified or fitted for each other, as to touch in large Surfaces, fuch Body will be hard; and the more for, as thole Surfaces are the larger. If, on the contrary, they only touch in final Surfaces, the Body, by the Wesknell of the Attraction, will remain foft See Particles.

HARDS, or Hurps, of Flax, or Hemp, are the coaffer Parts, Separated in the drefting of it, from the Tear, or ine Stuff. See HEMP. HARE-Hunting. Sec Hare-Hunting.

HARIOT, or HERIOT, a Duc, or Service, belonging to the Lord at the Death of his Tenant; confifting of the bell Beaft the Tenant had at the Time of his Death.

See SERVICE Oct on Littleton observes, that Heriot in Saxon is called bepergar, q. d. the Lord's Heast' bepe, sgnifying Lord, and gara, Heast's from which others disting urging that bepe, in Saxon, fignifics an Army, and groc,

aging inta pejer, in Javon, injunies an Illuj, and goor, figures and that the Sassus hepergat, whence we derive our Harjot, figuified Provision for War, or a Tribute, or Relief, given to the Lord of a Manner, for his better Preparation towards War. — Erat emin Heriotam militaris fupellellisis preflatio, quam obsume valfallo, Dominas reportavit in fait influs submitteems, figus

Spetman.

By the Laws of Countus, Tit. de Herioris, it appears, that at the Death of the great Men of this Nation, for many Horfes and Arms were to be paid, as they were in their refrective Life obliged to keep for the King's Servicus. See RELIEF.

See RELIEF.

But Herior is now wholly taken for a Beath, which the
Lord by Cafforn, choics out of all the Store of his deceafed
Tenant, be it Horfe, Ox, &C., and in fome Mannors, the
beft Piece of Plate, Jewel, or the beft Moveable.

beft Piers of Fittin, Jewel, or the belt Movenibe.

Heris is of two Serts: 1.8 Heris Collows, where

Heris is have been paid Time out of Mind by Cultem,

Heris is have been paid Time out of Mind by Cultem,

when a Tenant belt by the Service is the College

the Time of his Death; which Service is expredied in the

Dood of Fooffman, See Sarvica. See Sarvica.

For this the Leed thail didrain; and for the other heris

fall time and not diffurin. — If the Lord purched First

of the Timere, Heris Service is extinguished, the not

of the Timere, Heris Service is extinguished, the not

that the College of t

HARLEQUIN, a Buffeen.—In the Issian Genedy, the Harlequin is the fame with a Merry Andrew, or Jack Pudding in our Drolls, on Monatebanks Stages, Sig.—We have also introduced the Harlequin upon our Theatres s and this is one of the standing Characters in our Grotesque

Entertainments.

The Term took its Rife from a famous Italian Comedian, or rather Buffoon, who came to Paris under Henry III.
and who frequenting the Houle of M. & Hartsey, his Companious afed to call him Hartseyaine, q. d. Itstle Hartsey, a Name which has defeended to all those of the fame Rank, and Profession.

HARLOT, a Woman given to Incentinency; of that makes a Habit or a Trade of profituiting her Body. The Word is supporfed to be used for Whorries, of a little Whore.—Others derive it from Arletta, Miss to Robert Duke of Normandy, and Mother to William the Communion: Cambion derives it from one Arletta, Conquerour: Cambden derives it from one Arlotha, Concubing to William the Conquerour, - Others from the

Conclude to William the Comparan.—Others from the Institute Notice, a proof Whore. So: Harmony, Harmonton, a proof Whore. So: Harmony, Harmonton, in America, a for of jointeen, or Articulation of the Bones. So: Astructuration, Harmonton is a Species of the Symphysis, or Junchen, Marmonton is a Species of the Symphysis, or Junchen, the Control of the Control of the Species of the Symphysis, or Junchen, the Control of the Species of the Sp

Margins: In Contradiffinction from Sutura, where they are indented. See Surves.

The Bones of the upper Jaw are joyn'd per Harmo-ism. See Maxilla Superior.

HARMONICA, HARMONICES, a Branch, or Division of the antient Music. See Music.

The Harmonica is that Part which considers the Diffeces, and Proportion of Sounds, with Respect to scure I grave: In Contradistinction from Rythmics and Me-

and grave: In Contradiffication from R3 srice. See RYTHMICA and METRICA. The only Part of their Music the Antients have left us any tolerable Account of, is the Harmonies; which it felf is but very general and theoretical,

Mr. Malcolm has made a very induffrious, and learned luquiry into the Harmonica, or Harmonic Peluciples of the Antients. — They reduced their Doctrines into feven the Antients. — They reduced their locurines into the Antients. — They reduced their locurines into the General, of Sounds; of Intervals, of Syspens; of the General, of the Sound, or Modes, of Mutations; and of the Molepain. See each confider'd under its proper Article Sound, INTERVAL, SYSTEM, GENERA, MODE, MOYA-

SOURD, INTERVALE, USES MAN, TURNS and MELOPORTA. HARMONICAL Arithmetic, is fo much of the Theory and Doctrine of Numbers, as relates to making the Comparifion, Reductions, &c. of Mufical Intervals, which are experied by Numbers, in order to our finding their mutual Relations, Compositions and Refollutions. See In-

TERVAL, Co. Harson can Composition, in its general Sense, includes the Composition both of Harsony and Milesy, i. e. of Music, or Songs, both in a fingle Para, and in feveral Paras. See Composition.

Plate. See Convention.

In its more proper and limited Scnfe, Harmonical Completion is retrained to that of Harmony. In which Scnfe it may be defined the Art of diplosing and certaing feveral fingle Parts specifier, in fach Mamore, as to make one agreeable whole. See Sono, Gr.

"The Art of Harmone has been long known under the

make one agreeable whole. See Song, U.C.
The Art of Harmony has been long known under the
Name of Counterpoint. See Counterpoint.
At the Time when Parts were first introduced, Muste
bring then very simple, there were no different Notes
of Time; and the Parts were in every Note made
Convend.

Concord.

This they afterwards call'd finiple, or plain Counterpoint, to diffinguish it from another Kind, then introduced, wherein Notes of different Value were introduced,
and Differeds brought it between the Parts. See Discons.

This they call'd Figurative Counterpoint. See Flou-RATIVE Counterpoint

HARMONICAE Interval, is an Interval, or Difference of two Sounds which are agreeable to the Ear, whether in Confoance or Succeffico. See INTERVAL.

Harmonical Intervals, therefore, are the fame with

Concords. See Concord.

They are thus call'd, as being the only effential Ingredients

They are thus call'd, as being the easy cueman anguerostic of Harmony. See Harmony.

Harmonical Proportion, is a Sort of Proportion between there Quantiles, wherein the Difference of the first and fecond, is to the Difference of the fecond and third; as the first is to the third.

Thus, 2: 2: 6 are Harmonical, because 2:6:: 1: 3 are Geometrical.

So four Numbers are Harmonical, when the first is to the fourth, as the Difference of the first and second, to the Difference of the third and fourth. Thus, 24:16:12:9 are Harmonical; because 24: 2::8:3 are Geometrical.

For the Laws and Rules of Harmonical Proper-m. See Harmonical Proportion. FION. See Harmonical Proportion.

HARMONICAL Series, is a Series of many Numbers in continual Harmonical Proportion. See Series.

If there be four or more Numbers, whereof, every three immediate Terms are Harmonical; the whole makes an

Harmonical Series, of continual Harmonical Proportionals:

As 30:20:15:12:10.

Or if every 4 immediately next each other are Harmomical, 'tis also a continual Harmonical Series,' but of another

Species 1 as 5, 4, 6, 9, 18, 36, 55.

HARMONICAL Sounds, is an Appellation given by M. Souveur to fuch Sounds as always make a certain determinate Number of Vibrations in the Time that fome other fundamental Sound, to which they are refetr'd, makes

center tundamental Sound, to which they are referred, makes one Vibration. See Sourbin and VIBRATION.

Harmonical Sounds, are produced by the Parts of Chords, E.c. which where a certain Number of Times while the whole Chord vibrates once. See Caronn.

By this they are dillinguished from the third, fifth, glc. where the Relations of the Vibrations is 4 to 5, or 5 to 6, or 2 to 5, dee Thirats, Ge.

The Relations of Sounds, had only been confider'd The Kellifons of Sounds, had only been connected in the Series of Numbers: 1: 2, 2: 5, 1; 4, 4; 5, 6; 4, which produced the Intervals call'd Oldron, Fifth, Fourth, Third, &c. Mt. Asswers fifth confider them in the natural Series, 1; 2: 5, 4, &c. and examined the Relations of the Sounds arting therefrom. — The Retails is, that the first Interval 3: 13, 18 an Oldrow's the fecond 1: 5; a twelfth; the third 1; 4, a fifteenth, or double Ochreve, the fourth 1: 5, a 1:4, a fifteenth, or double Octave; the fourth 1:5, a feventeenth; the fifth 1:6, a nineteenth, &c.

This new Confideration of the Relations of Sounds, is

more natural than the old one; and does exprets and re-present the whole of Music, and is in Effect all the Music that Nature gives without the Affistance of Art. — The String of a Harpschord, or a Bell, befide their general Sound, which is proportionate to their Length, Tension, So. do

also at the same Time yield other subordinate and acuter Sounds, which a nice Ear, with a good Attention, clearly

diftinguishes.

diffinguishes.

These (absording gonute risk from the particular VI.
These (absording gonute risk from the particular VI.
These (absording gonute risk from the risk, and make figures VI.
These (absording gonute risk from the risk, and make figures VI.
These (absording gonute risk from the risk from the risk from the risk from the risk for the whole Chord. — Now all these fathers should are Hermannetz with Kepperl to the whole Sound; I The leaft sente, for the risk from the

Sounds. And the Breath, or Bellows that blow a Wind Indivances, be played througher and through; the Torce will be contained just also. But this word in the Aerian of the best contained just and the plant of the Aeria of the when fits makes as it were a System of Music her follows no other but this Kind of Sounds; and my tet by his highest committed unknown to the Musicians: Not but that they frequently \$0 list not, that it was inadvereably, and without knowing what they did. — M. Sanzews flower that the Systems or the Cognitive Contained in the Cognitive Contained in the Cognitive Country of the Cognitive Cognitive Country of the Cognitive Co

that the Struckure of the Organ depends entirely on this unknown Principle. See Oracias, proceed by Month of HARMONY, in Music, the approvide Endlard of the Harmony of the Mixture of divers Sounds, which together have an Effect approache to the Ear. See Survan. As a continued sourcefilm of Musical Sounds produces that the Company of the Company of the Company of the Months of the Company of the Company of the Months, however, as formerine all a smoot the Montens, flarmony is still in the little Seen of Con-ference, and the equipment of purphases. See

CONSONANCE and SYMPHONY.

COMBONANCE and SYMPHONY.

The Words Congord, and Harmony, do really fignify the fame Thing; the Cufforn has made a little Difference between them. Concord is the agreeable Erfect of two Sounds in Confonance: And Harmony, the Effect of any greater Number of agreeable Sounds in Confonance. See Concorn.

CONCORD.

Again, Harmony always implies Conformer. But
Concord is also applied to Sounds in Succeffor; the 'new
but where the Terms can fland agreeably in Conformace;
The Effect of an agreeable Succeifion of feveral Sounds,
is called Melody; as that of an agreeable Conformace, Harmony.

The Antients feem to have been entirely unacquainted The Anticnes term to have been entirely ussequainted with Harmoury; the Soul of the modern Marie. — In all their Explications of the Melopeita, they fay not one Word or the Concert, or Harmony of Parts. We have Instances, indeed, of their joyaning several Voices, or Instruments, in Consinance: But then those Voices, 5'c. Ittuments, in Contonance: But then thote Voices, Ff., were not fo joya'd, as that each had a diffined and proper Melody, fo making a Succeffion of various Concord's, but were either Unifores, or Octaves, in every Note; and fo all perform'd the fame individual Melody, and confirmed one Song. See Song, SYMADILA, Ff.

Song. See Sono, SYNAULIA, &c. hen the Parts differ, not in the Tension of the whole, in the different Relations of the faccessive Notes When tis thus that constitutes the modern Art of Harmony. See Music and MELOPORIA

Mussic and MELOPOTETA.

Harmony is well defined the Sam of Coccords, srifing from the Combination of two or more Concords, i. e. of three or more timple Sounds, flriking the Ear all together:

And different Compositions of Concords make different

indeed drooks despite some, in reading the fact all together. Here against the Nature, and Arentonia the Nature, and Jenferson of Nature, and Jenferson of Nature, and Jenferson of Harmonies, it is to be condition, and in creey compound sound, where they are no more than there timple over, there are then Kinds of Relations, are, the sound of the sound of the Nature of Consord with 1; The mutual Relations of the Asset of Consord with 1; The mutual Relations of the Asset of Consord with 1; The mutual Relations of the Asset of Consord with 1; The mutual Relations of the Asset of Consord with 1; The mutual Relations of the Subject of Compound. An the fectoral property of the Subject of the Su

ber expresses,

bee captelled.

So in the proceeding Example, the leffer Terms of the So in the proceeding Example, the leffer Terms of the So in the proceeding star 4, 5, 7, whole leaf common Dividend upon the whole will confident Vibration of the fundamental, the whole will confident the star of the fundamental the whole will confident to in the fundamental proceeding to Common, fundamental the common throughout the star of the star of the fundamental Relations, are abbility dehidden. This was Discousing are said in Music 5 has not for trient of the star of the star

felves fimply, but to fet off the Concords by their Controll and Opposition. See Dritecthon.

Hence, any Number of Concords their proposited and first and opposition. See Dritecthon 1.

Hence, any Number of Concords their proposition of the Concords their proposition of the Concords of the Concords of their property by finding their resusual Relations. — This, fupped the following Concords, or primary Relations, so is, the guestry of the Concords of their property of their pr

because 4 : 9 in Discond.

The meeting Conditions of all Hurmony, then, are Concrete in the primary and mutual Relations; to which could be the property of the property of the property of the property of the focusion of Hurmonica, the focusion of the Hurmonica of Hurmonica, the focusion of the Hurmonica of Hurmonica, the focusion of the Hurmonica of the Hurmonic Preference is due to the better mutual Relation. — Indeed, the mutual Relations depend on the primary is not for for, as that the bell primary fital always produce the best mutual Relation: However, the primary Relations are of the most Importance; and together with the secondary, afford us the following Rule for determining the Prefe-tation of the preference of the most product of the prefetcher of the rence of Harmonies.

Viz. Comparing two Harmonies, which have an equal Number of Terms, that which has the best primary and secondary Relations, is most perfect. — But in Cases, where Jecondary Retations, is most perfect. — But in Cafes, where the Advantage is in the primary Relation of the one, and the fecondary of the other, we have no certain Rule; The primary are certainly the most confidentible; but how the Advantage in theel ought to be proportion'd to the Difadvantage in the other, or vice verya, we know not. So that a well turned Ear must be the left Refort in

thefe Cafes. ne Cates. Harmany is divided into Simple and Compound

Harmony is divided into Simple and Compound.
Simple HarMoney, is that where there is no Concord
to the fundamental above an Octave.
The ingedients of simple Harmony, are the feven simple
original Concords, of which there can be but 18 different
Combinations, that are Harmony; which we give in the
following Table from Mr. Maleshim.

Table of fimple HARMONIES. 2 dary Rel. 2dary Rel.

	2 Ker.					
5 th 4 th 6 th g 3 d g 3 d d 6 th d	S vc	2	3d g 3d / 4th, 6th 3d g, 6 3d /, 6	5th 5th th g	4 10 3 12 5 15	3d g, 5th 8ve 3d l, 5th 8ve 4th, 6th, g 8ve 3d g, 6th g 8ve 3d l, 6th l, 8ve 4th, 6th l, 8ve

HAR

Tarde are all the public Cambridge of the Cambridge that make Harmony: For the Six is composated of a fixed and the second of the second

of feveral Otheres.

Harmours, seguin, may be divided into that of Concords, and that of Differeds.

The first is that we have hitherto confider'd, and wherein nothing but Concords are admitted.

The ferons is that we herein Differed's are uled, intermix'd with the Concords. See Harmonte at Completion.

Composition of HARMONY. See HARMONIC Composition. HARMONY, is fornetimes also used in a laxer Sense, denote an Agreement, Suitableness, Union, Conformity, &c.

'The Word is form'd of the Greek agustia, of the Verb

The Weed is formul of the Greek signate, of the Varisignifus, security, recognizer, to age, match, 57;,
supplies, security, recognizer, to age, match, 57;,
supplies, supplies

Consection between the Figure, with Refered to the Sub-icide of the Piece See Ornowas-Ace.

In the Colombia it denotes the Union, or agreeable
The Colombia it denotes the Union, or agreeable
May be Inchmore derives the Harmany of Sounds to—
the land Proportion, as the Harmany of Sounds ——This
state Inti. On the Principle, he lays down grown, as it
may be presented to Colomic corresponding to the Octave in
The Name Harmany, or Exceptible Harmany, it was
at the Thirt of divers Books, composed to free the Unistate Union Colomic Company of Exceptible Harmany, it was
the Thirt of divers Books, composed to free the UniState Charman of the Conference of the Sounds of the Colomic Colomic

EVANGELIST.

Evanicativ.
The field Attemp of this Kind is attributed to Tasian,
The field Attempt of this Kind is attributed to Tasian,
or Thosphilas of Musicel, in the III Consuy.—After his
Example, direct onthe Harmastic have been composed, by
Ammaint of Mesanakris, Raftfeins of Caferas, Fasifeman Million of Gan, Mont. Tissura, Ma. Whillon, ReII Assaws of the Spheres, or Cleftful Haxaroses, is a
soul Malin, man faire of by many of the Philosphere
of the Carlot of the Carlot of the Philosphere
freetly unan I proposit to be produced by the regular,
freetly unan Flatan. So
Serveria.

Syeria.

Plato, Philo Judeus, St. Angußine, St. Ambrofe, St. Ifidore, Bactins, and many others, are fit-onely poffered with the Opinion of this Harmony, which they attribute to the various and proportionate imprefitions of the heavenly Globes upon one another; which acting under proper latence to the many Management of the proper latence to the prope

Intervals, form a Harmony.

Intervals, form a Harmany.

It is impossible, exceeding to them, that fuch flucious It is myodile, exceeding to them and be filtered to the control of the first than the f + Ggg

St. fremens, St. Bafil, and St. Epiphanius, have appeared against the Notice Pre-efiablifo'd Harmony, a criebrated System of M.
Leibnits, by Means whereof he accounts for the Union
or Communication between the Soul and Body. See

Soul, &c. The Philofophers had univerfally held that the Soul and Body act really and physically on each other. — Des Carses first appeared, and show'd that the Heterogeneity of their Nature did not allow of such real Union; and that they could only have an apparent one, whereof God is the

trey conic only have an apparent ene, warron Coos is the McChiner. Sc CAusis. Field with either of these Hypotheles, ethibilities a third. — AS soil, or Spirit, he observes, is to have a certain Series of Thoughts, defires and wish a Dedy, which is only a Machine, is to have a certain Series of Moritons, to the clearmined by the Combination of its mechanical Disposition, with the Impreliators of extension of the Combination of the Moriton of the Combination of the Moriton of the Combination of the Moriton of th

seems (Object).

If, now, there he found a Soul and a Body for framed, that the whole Series of Wills of the Soul, and the whole that the whole Series of Wills of the Soul, and the whole that the whole series of the seems of t ternal Objects.

the Order of Efficient Caufes, do also agree and correspond with the Ideas of the Soul; so that the Body is determined to act at the Time when the Soul wills.

to ack at the Time when the Soul wills,
"The time Principle the extent," and make a
"The time Principle the control principless of National
The time Principles of the Source of the Sou

HARMOSTES, in Antiquity, a Sort of Magistrate mong the Sparrant; whereof there were feveral in Numer. — Their Business was to look to the Building of

Citadels, and repairing the Forts, and Fortifications of the The Word is Greek, 'Aguleus, form'd of do uous, apto,

HARNESS, a compleat Armour; or, the whole Equipage and Accountements of a Cavalier, heavily arm'd; as Calk, Cuiraß, &c. See Armour. See also Casa, Cui-

The Word is form'd of the French, Harnois; which The Word is torm'd of the French, Harmotts, which form derive from the Greek, aprest, a Lamb's Skin, by Reafon they anciently cover'd themicleves between the Conge observes, that the Word Harmoftons is used in the corrupt Latin, in the same Sense; and that it comes from the High-Dutch, Harmat, or Harmifeh. Others derive it from the Italian, arnafe. Others from the Chilic, Harmat, a Cuirafi

HARNESS, is also used for the Furniture put on a Horfe, to draw in a Coach, Waggon, or other Carriage; as Collars, Leathers, Traces, Sc.

HARO, in the Cuftoms of Normandy, a Cry whereby to invoke the Help and Affiffance of the Officers of Juffice, &c. See Cay.

filter, Mr. See Calv., When any Period and Mr. and would earry him. When one priod to the him Mr. and would earry him. When one priod to follow the Period who has cried it on him; and both of them either ensum in Perlion, one put a Bail. All the priod of the priod of the priod of the Period of the Mr. and the Mr. and

that whereon use consp.

The Word is commonly derived of 16 and Real, as being The Uppeld an Invocation of the Soversign Power, so stifls the Word of the Soversign Power, so stifls the Wordship of the Soversign of Reals of first bake Wordship, about the Yar 91s, who ender'd blime of the Wordship of th they fuffer'd any Oppression.

Guill. Guisert Speaks of the Brann, (i.e. he Rout) as a Military Coy bought into Montria by the Normann, marker the Condict of Rentel. Others By, that during supera less than the state of Duke of Normandy.

HARP, a Musical Instrument, of the String Kind; being

HARP, a Musical Informent, of the String Kind 3 being of a rainguight Figure, and placed as End between the Lega of a rainguight Figure, and placed as End between the Lega Taker is found Diversity in the Struckare of Harpit.—That call'd the Friple Harp, has 9.5 Strings, or Clorch, in three Rows, 40 in cash, which make iton Collevor. That call'd the Fifth Harpit String Harpit College and the Harpit College and three Rows of Pins on the upper Side.

This Influment is flruck with the Finger and Thumb of both Hands, Its Music is much like that of the Spior norm Hands. Its Music is much like that of the Spi-nett; all its Strings going from Seminore to Seminore Whence fome call it an inverted Spinett. See Spinker. It is capable of a much greater Degree of Perfection than the Late. See Luyra.

It's capacito or acceptance of the Lute See Levent and the Lute See Levent and the painted with a Horpe in his King. Down bear to Pethinson in all Antequity, that Horpe Mexic to Pethinson in all Antequity that Holeves Horpe, which they call (Edware, was any Vising like out.—On a Holeves Mexic of Samon Macbableau who will be the compared to the constraint of the Compared to the Co

three or tour strings.

*Pasjias, and su Cange after him, will have the Harp'
*Pasjias, and su Cange after him, will have the Harp'
to have took its Name from the *Psjis*, a People of Hasly,
who were the first that invented it; and from whom it
was borrowed by other Nations.

All Authors agree, that it is very different from the Lyra, Cyrbara, or Barbiton, used among the Romans. See Fortunasus, L. VII. Carm. 8. witnesses, that it was an Instrument of the Barbarians.

Romanufa; Lyra, plaudet tibi Barbarus Hurpa Gracus Achilliaca, Crossa Britannia cauat.

Abunga, &c. derive the Word from the Latin, Harpa; and that from the German, here, or harpf. Others bring it from the Latin Carpa, becale touchfo, or thurn'd with the Fingera. Dr. Hicki derives it from Harpa, or the Hospin, which figuify the fame Thing, the first in the Language of the Cimbri, the fecced in that of the Anglo

The English Priest who wrote the Life of St. Dunstan, and who lived with him in the Xrb Century, fays, C. z. N. 12. Sumpfit focum ex More Citherem fuom, quem paterni lingua Hearpan vocamut; which intimates the Word to be Anglo-Saxon.

paterni lingua Hearpam vocamus y which intimates the Word to be Angle-Sassani. Analysing's a Sear of fabulous Mendlers, of the Bird-Kind, mention'd among the Poets. They are repredented with Wings, Eart like Bears, Bodies like Vulvres, Faces like Worten, and Feer and Hinsh Kardel. The Mendlers of the Worten and Feer and Hinsh Kardel. J. His. Wo give a Deliciption of them. The Ancients looked on the Harlyter, as a Sect of Granit.

The Ancients looked on the Harlyter, as a Sect of Granit of Demons. — Soone make them the Daughters of Villan

or Demons. — Some make them the Daugntes of Tessis and Oceanus, the Earth and Ocean; whence, fays Servius, it is, that they inhabit an Hand, half on Land, and half in Water. Valerius Flaceus makes them the Daughters of

Typhon.

There were three Harpies, Aello, Ocypete, and Celano, which last Homer calls Podarge. — Hesiod, in his Thoogony, which last profer cause Totalenge.—Heffed, in his Theogony, v. 25; only reckons two, delio and Opplete; and makes them the Daughters of Theatmens and Electra, affirming, that they had Wings, and wene with the Rapidity of the Wind. Zephirms begut of them Ballus and Xanaban, Achillet's Horfer. Physrocolet relates that the Man State of them Ballus and Xanaban, Achillet's Horfer. when Appaires began of them Hasins and Kanthan, rehilder's Horfica. Dhereogists relates, that the Boreades expell'd them from the Higgest and Stelliass Scas, and purfued them as far as the Hlands, which he calls Police, and Homer, Calyne's and which have fince been call'd Stra-

possess: Voffins, de Idelol. L. III. C. 99, \$6.63, thinks, that what the Anciens have related of the Hirtjéis, agrees to so other Birds for well as the Bats, found in the Territories of Baries in South America. — Thefe Animals kill nor only Birds, but Dogs and Cats; and prove very trouble-

fome to Men by their Peckings. But the Ancients, as the Otter, Pols-Cat, Westel, Coney, and fome for one Game, Follius observes, knew nothing of their Birds. By fome for another, E.c., Sor. Huwvincer, the Links, they could mean anothing the Harpsits, therein, the thinks, they could mean anothing elicibust the Winds, and that it was on this Account they form, to break the Cleds of Earth after Proughing. See were made Daughters of Electra, the Daughter of Ocea-sus. Such is the Sentiment of the Scholiaits of Apollo-nius, Heftod, and Euftsthius. — Their Names Aelle, Ocypare, and Caleno, are supposed to be a further Argu-

munt.

HARJINEER, the Engineer, or Fifterman, who meaneys, and throw the Literity In Pan. See Haaven ProPerform in the Crew of Ship Seine on Whate Fiftings.

The Performance of the Performance, and they direct
Their Piece is at the End of the Finnesse, and they direct
Their Piece is at the End of the Finnesse, and they direct
Their Piece is a the End of the Finnesse, and they direct
Their Piece is a the End of the Finnesse, and they direct
Their End of the Whate In the Finnesse, and they direct
Their End of the Whate In the Finnesse, and they direct
Their End of the Whate In the Finnesse, and they direct
Their End of the Their Interest Interest Interest
Their End of the Their Interest Interest
Their End of their Interest
Their End of th

Water. This done, the other Fishers approach a Side of him, and run a long Spear she'd with Iron, under the Fios, thro' the Intestines, into his Breast. The Blood now spouts out, and the Carcase wetters in its own Fat. It remains

to tow him to Shure, there to cut off the Blubber, So.

See Whale FISHERY. See Wrate Fisher.

— Aftion as the Harpineer perceives the Sturgeon's Belly, which is frequently turning, now on this Side, and then on that, he darts his Iron into the fame, as being defliture of Scales. Denis High. de l'Amerique. See Sturgeon

Whale FISHERY.

WESSE PSHIEV.

HARPINGS, in a Ship, is properly her Breadth at the Bows the forme call the Ends of the Ends, which are afficined into the Stem, by the fame Name.

HARPOCRATIANS, a Sect of Hercick, mention? By Calfus; the fame with Carpsectrature. See Carpocra-

HARPSICHORD, or HARPSICHOL, a Mufical Instru-ment of the Wind-Kind; play'd after the Manner of an

ment of the Wind-Kind y Jusy'd after the Manner of an Organ. See Chora. It Cleave Gausties, and the French Cleavester. In Latina it is utifully cull'el Greve Cymbalisse, 4d. a large or deep Cymbal. See Centrala.

The Energhthere's in furnishid with a Set of Keyry.
The Energhthere's in furnishid with a Set of Keyry.
The Keyr, more as Kind of little Jacks, which more a double Row of Chords, or Strings of Brafs and Iron, firsterly on the Table of the Information over four Bridges. See Music

HARQUEBUS, or HARQUEBUS, in our ancient Sta-tutes, call'd also Arquebuss, Haquebur, or Habbur is a Hand-Gun; or a Fire-Arm of a proper Length, &c.

is a Hand-Gins je or a Fire-Arm of a proper Lungth, Mc. to be been in the Arm. See Govs. Arm, of the occlusive to be been in the Arm. See Govs. Arm, of the occlusive Lungth of a Madquet, or Fowling-Fixes; sock-d, ultually unto a Whole-Handsed preferries in Legitimas Length to be ap. Calibers; and the Weight of its Ball on Chunc. There is also a lauger Khol, called Harqueshop a Cree, much of the Nature of our Blunderbulles, utid in War, for the Delene or Flaces; being dually relied on fome-free the Calibration of the Nature of our Blunderbulles, until in War.

for the Defence of Places; being utually relited on tome-thing when difcharged.

The first Time these instruments were seen, was in the Imperial Army of Bourbon, who drove Bouriest out of the State of Milan. — They were sn big and heavy, that

As San of Melan. — They were fi big and heavy, that there seet two Men to carry them.

The Word Herapolou, is formed of the Prench, draguidgly, and that from the Indian, drashplin, or drow draguidgly, and that from the Indian, drashplin, or drow of the Tunch-Hole, at which the Pawder is put to prime it, and that is indeceded to the Bown of the Anciens.

HARRIER, a Kind of Mound, call di n. Lettin, Stores, from his razelay, or taking by Fox. — Euge growder, the Pawlin of his Game. See Houven.

There are feveral Kinds; all differing in their Services; from are for the Harry, Ivo, Wolf, Hint, Bock, Badger,

Form, to break the Clotds of Earth after Ploughing. See Proventings, Tiet.trug, Sowitzus, &c. It confilts of there Parts; 1°. The Harrows-Balls, which are the Holes where the Nails go in; 1°. The Slots, which are the Crofe-Pins; 2°. The Harrow Tine, Fins, or Tuthee, which are Iron Nails; 4°. The Hood, being that which failers the Horfe to them; 5°. The Couples, when

two Harrows are tied together. HART, in the Forest Law, a Stag of five Years old mpleat. See Game.

If the King or Queen hunt him, and he escape, he is called an Harr Reyal. See HUNTING.
And if by such Hunting he be chased out of the Fo-

reft, Proclamation is commonly made in the Places adja-cent, that in Regard of the Pattime the Beaft has afforded the King or Queen, none shall burt, or hinder him from returning to the Forest; upon which he is call'd an Harr Royal proclaim'd. See Purling, &c.

HARTS-Horn, Cornu Cervi. See Harts-Horn. HART-Hunting. See Hart-Hunting.

HARTH-Peny, and Harth-Silver, (San. heop)pening) See CHIMNEY-Money, and PETER-Pence HARUSEX, or Aussex, in Antiquity, a Sort of Priest, or Diviner, who infpects and confiders the Fintalia of Beats, particularly those of Victims; to find Signs, or Indications of fomething he wants to know. See Divi-

Cicero de Divinat. L. II. explains the Difference between Aufpex and Harufpex. See Ausprezs. The Word is Latin, form'd of Hara, an Augur's Bird 3

or Harnga, Vifeera, Entrails; and inspicio, 1 look into in Festus we meet with Harviga, or Harviga, whi defines to be a Victim, whose Vifeers are considered while yer remaining together. Upon which M. Dacier observes, that remaining together. Upon which is Discer concrete, that Harviga is form'd from dest, Aries, by infecting the Eslie Digamma, before the s, thus, dest, it was properly, therefore, a Ram they facrificed, but afterwards the Name became common to all Victims. See Victim.

became common to all Victims. See Victims. Hassock, or Hasseas, probably of the Tentonic Hase, Hare, and Socks, because Hare-Skins are sometimes worn instead thereof to keep the Feet warm in the Winter; denotes a Bass, or Cashion made of Rushes, to kneel upon in

HASTA, among Antiquaries and Medallifts, fignifics a Kind of Javelin, not tho'd or headed with Iron; or rather,

ranke of Javetin, nor thord or headed with Iron; or rather, an ancients Secpret, fomewhat looger than codinary, occa-foundly given to all the Gods. See Serria.

The Haffs is fuppored a Symbol of the Goodness of the God, and of the Conduct of Providence, which is equally mild and forcible.

equally mild and forcible.

The Hafts purs on Medals, is that unadorn'd with any The Legis pure on soccase, is that the perils, Gr. In forme Countries, Haffa is a Measure, or Quantity of Ground, amounting to 50 Paces; thus call'd, according to M. du Cauge, from the Haffa, Pole, or Rod, wherewith it

M. as Lenge, 1000.

Was measured.

HASTIVE, or Harring, a French Term fometimes uted in English, for helps, forward, or fomething that comes before the ordinary Time or Season.

Comes before the ordinary Time or Season.

The Hastive Fruits are Straw-berries and Cherries. — We have also Hastive Peas, &c.

have also Haggree reas, o.e.

HAT', a Covering for the Head, wore by the Men
throughout the Weltern Part of Europe. See Haad.

Hast are chiefly made of Hair, Wool, &c. work'd,
full'd, and falhion'd to the Figure of the Head. See Hair and Woor.

raide, and atthiorid to the Figure of the Head. See HALL Heats are fails to have been fift fore about the Yeas 1463; at which Time they became of Uli for Country Wear, Reling, 62.— Faiter Berniel Faites, that when Year, Reling, 62.—— Faiter Berniel Faites, that when the had on a Har, liood with red Velver, and farmonoxed with a Plume, or Tett of Fasthers. — He adds, that it is from this Enry, at lost under this Reign, that the ward began on the Pline of the Chappersons and Hoods, that had been wore before. — The Hard Heats of the Chapperson and Hoods, that had been wore before. — The Hard Heats of the Chapperson and Hoods, that had been wore before. — The Hard Heats of the Hard Heats of the Hard Abuds, and feveral Regulations were publiffed, forbidding any Prictic, or Religious, to appear Abuds on a sa eyelyn-ous Corners; and copyraing Clesh, with docum Corners in Heats on the Hard, and the upon Penalty of Surpension and had been of a longer Standing arming the Exclisifiation of History, by two bundred Years; and principally among the Heats of the Hard Heats of Hard Hard Heats of Heritage, by two bundred Years; and Brittery, by two bundred Years; and principally among

Gapa, and Ywas frem horce aroft the figure Caps were incolleges, 62c. Sec Cars. Billop of 20-d, in the XII 10 Centry, scales for good Order, allowed the Cassac Canney, acclused for good Order, allowed the Cassac Caps. And the Cassac Caps. And the Cassac Caps. And the Caps. Host make a very conflictable Article in Commerce.—The finelt, and them only valued, are made of the pare Hir of an amphilition Admini, call'd Coffer, or Energy, Thompson, In Canada, and Other Provinces of North America.

Method of making HATS.

Hats, we have observed, are made either of Wool, or of Hair of divers Animals, particularly the Caffor, Hare, Concy, Camel, Se. The Process is much the fame in all; for which Reason we shall content our selves to inflance

in that of Caftors. The Skin of this Animal is fet with two Kinds of Hair; the one long, fiff, gloffy, and pretty fcarce; this being what renders the Skin, or Fur, of fo much Value. See Fun. The other fhort, thick, and foft; which alone is afed in

To tear off one of these Kinds of Hair, and cut the other, the Hatters, or rather the Women imploy'd for that Purpofe, make Ufe of two Knives, a large one like a Sho-maker's Knife, for the long Hair; and a finaller, not unlike a Vine-Knife, wherewith they shave, or scrape off

the theore Hair.

When the Hair is off, they mix the Stuff; to one third of dry Callon, patting two thirds of Old Casts; i.e. Hair which lab boar work of more Time by the Strangers; and case which lab boar work of more Time by the Strangers; and case more or left, according to the Size or Hairback of the Hair insended.— The Stuff is now laid on the Harder, which insended.— The Stuff is now laid on the Harder, which is insended.— The Stuff is now laid on the Harder, which is insended.— The Stuff is now laid on the Harder, which is further called a Bore, mach refembling that of a Violin, but larger who form fine work of which is largery who form ing is work with a Hardle, with an fine Harmette called a Bore, mach refembling that of a Violin, but lengers who form ing is work with a Hardle with an fine Harmette Called a Third hard with the Hardle Hardle Harmette Called a Third her yeardon one of the moli difficult with the Chinks. This her yeardon one of the moli difficult with the Chinks. This her yeardon one of the moli difficult with the Chinks. This her yeardon one of the moli difficult in the Chinks. This her yeardon one of the moli difficult in the Chinks. This her yeardon one of the moli difficult in the Chinks. This her yeardon one of the moli difficult in the chinks. This her yeardon one of the moli difficult in the contract of t the fhorter Hair

ungeller, the Delf and Filth at the films "time pating they the Childs. This they reclous one of the mold difficult Operations in the whole; by Reefloo of the Justicest enquired in the Hinde of make the Surff fall precipit yeagethe, and the Line of a lower, from Hasters make us of a Sirre, or Scarce of Hint; they which they path the Surff.

After this Manner they form Gores or two Capades, of an Oral Porms miding, in an accust Angle experience of the Haster of

Cowin, hun towards the Circomfensor, or in the Cowin tip Compaler has fairful, they go no in barbart hims into Godd, more confitten Flake, by prefing down a barbering Stim. Or Landers throun. — This does, thy a barbering Stim. Or Landers throun. — This does, thy are ten Place fixed therein, and a little Fire undermeth it; speec which having one of the harderd Coptale, in the White of the Compaler of the Coptalers in the Coptale

The Hat thus wrought, they proceed to give it the proper Form; which is done by laying the conical Cap on a Wooden Block, of the intended Size of the Crown of the

the Cassons: But thefe were no other than a Kind of Har 3 and that ying it round with a Pack-Thurad, called Carpa and Your from horse sends the future Capra were a Cammander's After which, with a Pace of Iron, or Cope.

Additional oblivers, that a Billings of Caple, in the Zittle double best or drive down the Cammander, then give the Cammander of the Caple of Cammander of the Caple of the Cap being the Brim.

being the Brun.

The Hast being now fet to dry; they proceed to firing
it, by holding it over a Flair of Suraw, or the like, then
it is promosed or rubbed with Pamice, to take off the
coarfer Nap; then subbed over afterli, with Scal-Skin, to
lay the Nap fill finer; and failty, cated with a fine
Card, to raife the fine Cotton, with which the Hast is af-

Cird, to raife the fine Corton, with which the gast is activated to appear, advanced, its Bit is first, upon its Things thus for advanced, its Bit is first, upon its Things thus for a best Parkell as forms, who depends the Corton of the Cor

or men should be a seen and the see to cook, and then cook and the seen and the seen as th

this Way and that Way, and at list overturning and term it on the Curves could and devied, they par it spains on the Block, braffi and lrog it on a Table, or Book for the Part of the Curves and the Block, braffi and lrog it on a Table, or Book for the Parton, called the text all Parton. This they perform with a Sort of Irons like those commonly used in Ironing Lineau, and haved like them, which being rubb? I mining Lineau, and haved like them, which he find its or the Block, manually are of the Ends, with the Alliance of the Block, manually and the Block Operation; nothing now remaining but to clip the Edges even with Sciffars, and few a Lining into the Crown.

HAY, in Heraldry. See CHAPEAU

HATCHES, in a Ship, are Doors in the Mid-ship, or between the Main-mass, or Fore-mast; by which any Goods of Bulk are let down into the Hold.

Hence, the Hatch-Way is that Place directly over the Hatches; to that to lay a Thing into the Hatch-Way, is to put it to that the Hatches cannot be come at, or

opened.

HATCHES, are also Flood-Gates, set in a River, SSC.
to stop rue Current of the Water.

The Word is particularly used for certain Dems, or Mounds, made of Rubbith, Clay, or Barth, to prevent the Water that iffuse from the Stream-Works, and Tim-Washers in Cornects, from renning into the fresh Rivers.

The Tenants of Bulyfloke, and other Manners, are bound to do certain Days Works to the Hetches.

HATCHING, the Act whereby focundated Eggs, after feafunable Incubation, exclude their young. See Egg and INCUBATION.

Incentry 100.

Hardelog, with Reflect to the Origanou Telle, amount Martelog, with Reflect to the Origanou Telle, amount See Destroys, 62.

The Orlich is feld to by he Engo in the Sarel; and the Sarel; and Asimul, and bettlet them, does the Orlice of a purce that the Sarel and Sarel and

dried Bricks, lined with Mats, for the Eggs to lye on; and the Tups cover'd with Sticks, except two Spaces, which are Brick, and ferve as Hearths to build the Fires switch are Ref. werd with subset. Social one Space, so where the Egg ser to be located. — Over the fig. is another Suny of Overa; I having Holes, which are either Heat of the Over both Suny of Overa; I having Holes, which are either Heat of the Over both Suny. The Heat of the Over both Suny. The Heat of the Over heat the Court of the middle of Suny of the Heat of the Court of the Heat of the Court of the Heat of the Court of the Heat of Heat of the Heat of t

thete Hearths lie threefold.
At Night, when they new-make their Fires in the
Hearths, they remove the Eggs that were directly undermoft, lying three one upon another, in the Place of thofe
which lay on the Sides only double; and thefe being now
removed, they lie troble under the Hearth, because the Heart
is greater there, than on the Sides.
Thefe Eggs ecotines in the lower Overs feartreen Dava

removed, they lie ruble under the Hearth, because the Heart is greater there, then on the Sider. Owns fearers. Days and Nights, after which they remove them into the upper. And in their, there being now no meet few side, they and in their, there being now no meet few side, they are the side of lower Ovens, &c.

HATCHING, OF HACHING, in Defigning, Engraving, &. fignifies the making of Lines with a Per, Penel; Graver, or the like; and the interfetting, or going acrofs thofe Lines, with others drawn over them smother Way, See Engna Avino, Desion, &C.

The Depths and Shadows of Draughts are afisally form'd http://doi.org/14.11/16/19.

The Expits and Student of Draughts are shall found by Hatching, of Hatching of

When the Coar is only dented, it is furpoided to be Or. And when quite bear, or wold, Argan, or Wilkin. So And when quite bear, or wild, Argan, or Wilkin. So will be a support of the State of the Arthur of the State of the Arthur of the State of the Arthur of the Arth

and Harsour.

The Word is derived from the Saxon Hafene; or the German hafen, or the French havre, which all fignific

the fame Thing.

HAUNCH, of Hanen, the Hip; or that Part of the
Body between the last Ribs, and the Thigh.

The Hesunders conflit of three Bons, joyn'd together
by Cartilages; which, in Coarse of Time, grow dry, hard,
and beny; so that in Adulat, the three only from to confiture one continued Bons. See Sacasas.

The Haunchet, or Hipt, of a Horfi, are those Parts of the hind Quarters, which extend from the Reirs or Back, to the Hoof or Ham 5 Se Hoave.

One of the most necessary Lessian in managing the great Horfe, is that of partitipe but signs bit Haunchet; which in other Terms is called to couple him well, or to

put him well together or compact.

par him will negsher or compell.

A Horfe that does not treat, or fewer hit Hausziers, throws himself too much upon his dhoulden, and is heavy upon the Belle. — To deep the Hausziers, is to change the leading from in Gallapine, the Wall of a Deer, or the Place of his cediatry Plating. So, HAUNE, in Geography, etc. a Present Terms justificially the fine with Hauny of Harbory. See El Hauszier.

HAUREOV, or Honory, Sort of Madical Instances, THAUREOV, or Honory, Sort of Madical Instances, and the See Theory of the See Theory of the See Theory or Platine See Theory of the See Theory or Platine See Theory of the See Theor

See Instrument.

The Hautbey is shaped much like the Flute, only that Inc Hastievy is framed much like the Flate, only that it foreads, or widens, more toward the Bottom. The Treble is two Foot long: The Tenor goes a fifth lower, when blown, or founded open. It has only fewen Holes: The Baffs is five Foot long, and has eleven Holes. The Baffs is five Foot long, and has eleven Holes. The Word is French, Heart-bois, q. d. High-twood; and is given to this Informers, by Reation its Tone is higher than the statement of the Baffs.

in that of the Violin.

takin that of the Violin.

HAW, among Farriers, &c. a Griffle growing between
the orthor Eye-ind and the Riye of a Horfe, and which
the orthor Eye-ind and the Riye of a Horfe,
and which
if comes by growing and the Riye of the
if comes by growing and knifting tegether, which in the
end grow to this Infarrinty, the Signs whereoff are the
watering of the Eye, and the involuntary opening of the
mether Side.

sender Side. Sure year on a measure yearing to some best of find on cut it cost. The affield Bealt is no be beld find by the Head, and with a flroug double. Thread, and and if the ball Heart. Then kilding the Scale again, with a long Thread, and parting it through the Gillie of the Hise, with a long Thread, and parting it through the Gillie of the Hise, with a long Thread, and parting it through the Gillie of the Hise, with a large Kalig and the Side lings with a long Thread, and parting it through the Gillie of the Hise, with a large Kalig and the Joy, which is with Beca, or Ala, and can in a good don't of Side, with it spains afferwards at its a good don't of Side, with it spains afferwards.

—To care a Sheep of this Maindy, drop into the Kych Joine of Clammonille, or Cross-Octo, a bold and general control of the Side Clammonille of Cross-Octo, a bold and general control of the Side Clammonille of Cross-Octo, a bold and general control of the Side Clammonille of Cross-Octo, a bold and general control of the Side Clammonille of Cross-Octo, and the Side Clammonille of C

corous Nature, whereof there are feveral Species. See Binn. form these the Shight of a periodical ret. cell. Binn. form these the Shight of a periodical ret. cell. Binn. form these the Shight of a periodical ret. cell. Hereding, or Falcoury. See Hawaten and Paraconare. Naturalish different about the Naturalish different form the Shight of the Shight

The fourth a Howk of the first Cost.
Add, that they have different Denominations according to the different Seaions when they are taken. — Those taken.

the currecut scatons when they are taken. — Thofe takes, in the Eyric, are call'd Eyrfet, or Nyeftet. — Thofe which had forfaken it, and were fed in fome Place, not far off, by the old ones, Errankert. — Thofe which had begun to prey for themfelves, Soar-Hawkt. — Thofe which have changed their Feathers once or more, Mové Mewstk. — And those which lived at large, and prey'd for themselves about

those which lived at large, and pecy'd for themselves about the Woods, Hagards.

We shall here, according to our Method in other Things, give the Reader what relates to the several Species of Hawkir; referring for what is common to 'em all, to the Article Hawking.

z. Of

1°. Of the Falcon, or Falcon Gentle, her Nature and Qualities 3 with the Manner of Bring and reclaiming, and bringing her up to the Sport, we have elfewhere spoke under the Article Falcon.

nites j with the Manner of hering and reclaiming, and brighing her up to the Sport, we have ellowher plotted striping her up to the Sport, we have ellowher plotted as "The Highert Filters, cail'd allo Peregging Filters, Perfections, and Terminish, beard in Natives of our Handley Sport, and the Sport of the Sport of the Sport of the Perfections and Terminish, beard on Natives of the Handley than any other Stort, is not indicate to the belt of the Thick, for Storogh, Counge, Haraches, and Perfevenance, Sport of Sport of the Sport of the Sport of the Sport Handley Need, Erc. She will be longer lack, and Tulen, a higher Need, Erc. She will be longer task and Tulen, a higher Need, Erc. She will be longer on the Winey, and The Lorent Filters, when will and unsectaomly, takes the general Liberty of all Rieds, large other by Sport for the Thirty of the Sport of the Sport of the Sport for the Thereth, the Pers and Companion, dies not for by her, or represents her Reidston, as defined him in fall the sport of the Sport of the Sport of the Sport Filter Sport of the Sport of the Sport of the Sport Filter Sport of the Sport of the Sport of the Sport Hermitian Sport of the Sport of the Sport of the Sport Hermitian Sport of the Sport of the Sport of the Sport fords frid on what is controlled deeps the Per-spective of the Sport of the Sport of the Sport of the Sport of Sport of Reidstoner, Maning, Entering, Sec. al Riggal Falson, or other Serv of Hauts, unto the Terminian Sport of the Sport of the Sport of the Sport of the Palson Kind of coming near to the Brief of the Sport of the Palson Kind of Coming near to the Brief of the Sport of the Mende of the Sport of Merchale of the Impact of the Sport of the Palson Kind of the Sport of

3. The Gerpilium, or Gyriplono, is the larged Bird of the Edicor Kird, coming near to the Sare of a Voltarry, and of the general Region of the Company and the general Region of the Company of the Head and Region a lovely first or the Dyn. He Head and Edyn are like the Hagard, he Back-gost and bending, her Narie large — He Sails being and Laurar, having a large Markite feared Foots, and pramed blick, brown, and ruike — She may also be cilied a "Orgingery, he Byle being in 20-20th, Anforton, and her organic properties of the Company of th

antains of Norway.

Mountains of Norways.

The Gerglaton is of a fierce and fiery Nature, very hardly managed and reclaimed 3 but being once overcome, proves an excitent Heese, fearce refuling so firthe at any Thing. She does not naturally fif the River 3 but always warfast the Herone Showless of a nung. She does not naturally fly the River; but always purfues the Herons, Shovelers, &c. In going up to their Gare, they do nor hold the Courfe, or Way, which others ufe to do; but climb up upon the Train, when they find any Fowl, and affion as they have reach ther, plack her down, if not at the first, yet at the second or third

4°. The Saker, or Sacre, is the third in Effects, next the Faken, and Gerfaken, but difficult to be managed, being a Pafferger, or Peregrise Heath, whose Eyric has not yet been discovered, but chiefly found in the Hlands of the

Levent.

She is formewhat longer than the Hagard Falcon; her Plume rufty and ragged; the Scar of her Foot and Beak like the Lanner; her Pounces fhort, and her Train the longert of all Birds of Prey.

langest of all Barks of Percy.

She is very froze and navely to all Kind of Fovel, being more difficient to the Field a great deal than the Brook, and delightings to percy on great Forely, as the Herror, and delightings to percy on great Forely, as the Herror, and the Field of the Herror of the

Variety of Constitu and Electrique between them, affords a curious Specificity.

y. The Zamer, or Zamer, is a Henck common in most Construct, editedilly Francer, making the First es along the Construction of the Construction o

HAW

if the male father must count is by being everdowns. There is another Serie of Lemers, whole Eyes is to Left, having their Heads white, and the sleft, having and back Eyes, fleeder Norse, floor and their facts white, and the sleft, having their Heads white, and the sleft fleed of Reads and the sleet of the slee

and flexial Cine must be had left the unsammelly cut of the own Feet and Thoma, as the has store been known. So, it is weakerstly ventractione; and will fly at Birds bigger than ber fift, with fuch Linguistic, as a partial bigger than the fift, with fuch Linguistic, as a partial bigger than the fift, with fuch Linguistic, and the same place to the delight in the Larra, when you calture the Hood, we find that the rest Train with a First Partial City of the Hood and kill it, record between the Hood, we find that he red Train with a First Partial City of the Hood and kill it, record between the Hood and the Hood and the Hood and the Hood are shown that the rest Train with a First First City of the Hood and the Hoo

and to are inten in the Nest. — This Sport is cult'd

3. The Gaphen, or Gel-Herst, p. d., Grey Harst, h. as large, there were all there, or Which there are feveral force, different in Goodens, fevera, and Harstein's, according to the feveral Sorts of Birls of Prey ultrable themselves with the Gaphen's, and gallant it supportions, but now "These are Gay-Powel" from most Conserving, but now the Gaphen's and Harstein and Conserving, and the object to have a final Head, a long and thrights Pace, a large Throat, great leyes, deep fet; the Applied the Eye black y News, but, but and Feet langs and black, p. d.

shick ison Book, long Nock, big Beestl, hard Felfis, sieng feldy Thights, the Boos of the Log and Knee floor, long integer Sensors and Thomas, and to gove roand form the Book of the Things and the Things and the Things and the Things are shown in the Things, towards the Things and the Things, towards the Thin Seathers flow and the Things are the Things and Things are the Things are the Things are the Things and Things are the Th

To diffinguish the Strength of the Bird, tie divers of them in feveral Places of one Chamber, or Mew; and that Howk that filices and mutes highest and farthest off, may

Howk that flices and mures highest and tarment on, may be concluded to be firenged.

The Gos-Howk flics at the Pheafant, Mallard, wild Gooff, Hare, and Coney, nay file will venture to felia.

Kid, or Goat. — She is to be kept with Care, as being

Ann, or Uost, She ir to be kept with Care, as being very choice and dainty in Eating, Sc. 9 - Sparrost-Horek, is allo a Kind of thort-winged Heeuk, and the stand of their winged Heeuk, and the stand of their winged Heeuk, and blanks, a before of a larger Feather; fome plumed like the Qualt; fome brown or Canvas-Mail, Sc.

Mail. Jec.
The Sparreco-Hemb, to fat as her Strength will give
her Levey, is a good Hemb; and he that knows how to
hear Levey, is a good Hemb; and he that knows how to
has reclaim, and if with a Sparreco-Hemb, may either
his Reflect fite really excellent of all ethers.— In
his Reflect fite really excellent, and will fly at all
Kind of Grane, more than the Falcon.
HAWKEDS, aniethely, were fraudulent Perfora who
HAWKEDS, aniethely, were fraudulent Perfora who
and either Merchandier, which eight no be uttered in open
and either Merchandier, which eight no be uttered in open
Market.

Market.

In this Senfe, the Word is mention'd, Anno 25 Hen. VIII. In this Senie, we work is mentioned, Anno 25 ten. VIII.

Cop. 6. and 35 sigliden. Cop.

We now call those However, who go up and down

London Street, cyring News Books, and felling them by

Retail.—The Women who furnish the However, i. c.

Pell the Paper by Modeliak from the Prels, are called

Mercuries.

The Appellation of Howakers feems to grow from their uncertain Wandring, like those who, with Howeks, feek their Game where they can find it.

HAWKING, the Art, or Exercise of Chasing and taking Wild-Fowl, by Means of Howeks, or Birds of Prey. See Hawk.

Heaving is the fame Thing with what we otherwise all Falcoury. See Falcoury.
The Word Hawking, in its Latitude, does also include the taming and disciplining of Hawks, and fitting them

the colors. Heaving, the an Exercife new much difused among us, in Comparition of what it antiently was, does yet furnish a great Variety of fignificant Terms, which fill obtain in our Language.

ails a great verroy of agolisacia Terms, which fill chain all has great verroy of agolisacia Terms, which fill chain all has, the Ferra of a Meech have their proper Names. The Log, from the Thiph to the Foot, are call'd to end to the Chain and the Ferrard Chain and the Chain and the Chain and the Ferrard Chain and the Chai

whereby the Falconer holds the Island, is call'd the Lonfe, for Lonfe by the little Sermy, by which the Lonfe is faithful to Lonfe, and displaying the Long of the Lonfe is the Lonfe Lonfe, and dillipshing the a. Covasion.—A Cover for her Highest holds pine in the Durk, is called Holds a large per little to the Lonfe is called Holds a large per perfect Holds.—It is the Lonfe is the London way be to in Recallish to be pulled eff. a call display be re-lated that the Lonfe is the Lonfe is the Lonfe in Highest the Lonfe is the Lonfe in London Holds and the Lonfe is the Lonfe in London Lonfe is the Lonfe in Lonfe in London Lonfe in Lonfe in Lonfe in Lonfe in London of the London High is called the Lonfe in the Lonfe in London London London of the London High is called the Island in London of the London High is called the Island London of the London High is called the Island in Con-tage and the London London London London of the London High is called the Island in Con-tage and the London London London London of the London High is called the Island in Con-tage and London London London London London London of the London High is called the Island London Londo

Something given a Hawk, to cleanse and purge her Gorge, is call'd Cashing: — Small Reathers given to make her Cash, are call'd Primage: — Gravel given her to help bring down her Stomach, is call'd Rangele: — Her

nde shin, the cut of formular is cut read given her to show the first the Green face Ching, in called Glassing. — The Purping of her Oreafe, étc. Enfancis, —— The Purping of her Oreafe, étc. Enfancis, —— The Purping of a sulf d'organie, —— The informing a consideration of the consi call'd Grawking. — When the firethess one of her Wings after her Legs, and then the orber, it is call'd Muntiling:— — Her Dang is call'd Munting s when the mures a good Way from her, the is faid to fifee; when the does it directly down, initized of yerking backwards, the is faid to films; and if it be in Dropping, it is call'd Directlying, the second of the second of the second of the second of the Wellow of the second of the second of the second of the second when the second of the second of the second of the second of the when the second of the second of

when after Mantling, fine croffes her Wings together over her Back, she is faid to Warble.

when siter Mentings, the crosses bet wang respected to when a lower site, the is fall to wind. — When after fishing the pails of wind. — When after fishing the pails off the Feethers, the is fidd to Photos. When a Lower site of the Person o

here.—Are cell framen hered wied to they and fit is Example
10 a Young one, in cell of a Made Hered, up at Hered to
12 Young one, in cell of a Made Hered, up at Hered to
13 Young one, in cell of the tell of the

the State and Condution of the Bird to be massiged.—
An Eyyli, e. g., needs no reclaiming; the is to be carefully narted, and brought up in their natural Tameneth.
A Brancher, Sear-Howk, or Reanget-Howk, needs no
Nating; the is to be brought down from her Willdards,
and harbitrated to anotine Conserved of Life; and in Purfusince of her own Views, and Interests, to be made fablicat
or those of her Master.

tolinke et and one vivew, and intertus, no en mane supres-table et al. The control of the control of the control of the To Recteine, e.g., a Megard Falcon; they begin with flowing her up from the Light, by pulling a Hood over more exceilible. — The pera Thesi is to had make been questly, taking the up, often franking her, fetting her on exception. — The pera Thesi pulled her, fetting her on exception. — The pera Thesi pulled her, fetting her on exception. — The pera Thesi pulled her, fetting her on exception. — The pera Thesi pulled her, fetting her on whiteau executions for the pera Milled her of the whiteau executions for the pera Milled her of the whiteau executions for the pera Milled her of the when subudded, the Voice to be continually utile to her, that the may learn it; and that the sizing of the when subudded, the Voice to be continually utile to her, that the may learn it; and that the sizing of the when subudded, the Voice to be continually utile to her, that the may learn it; and that the sizing of the when subudded, the Voice to be continually utile to her, that the may learn it; and that the sizing of the when subudded, the Voice to be continually utile to her, when subudded, the Voice to be continually utile to her, when the pera Milled her the continually utile to her, when subudded, the Voice to be continually utile to her, when the pera Milled her the continually utile to her, when the pera Milled her the continually utile to her the when subudded, the Voice to the continually utile to her, when the pera Milled her the continually utile to her, when the pera Milled her the continually utile to her, when the pera Milled her the continually utile to her, when the pera Milled her the continually utile to her, when the pera Milled her the continually utile to her, when the pera Milled her the continually utile to her the when the pera Milled her the continually utile to her the the her than the pera Milled her the continually utile the pera the pera Milled her the continual the pera the pera the

till file do. - Proceed then to bring her to the Lure, by giving her to fome Person to hold, and calling her with a giving ner to some Person to hold, and calling her with a Lute, well garnified with Meat on both Sides, and give her a Bit: Use her to this for fix or seven Days; after which tempt her to come gradually further and further off, to the Luce, waving it and calling it round your Head, "Ge, and if the come to it roundly, reward her. In three or four Days more call her to your Lure, well garnifled as above, as far as 'tis possible for her to see or hear you;

and fet her loofe from all her Furniture.

The Hewk thus mann'd, reclaim'd and lured, you may go with her into the Fields; and whitle her off your Fift, to fee whether she will rake out or no. If she mount Fift, to fee whether fite will rake out or no. If the monar and fity roand you in Gircks, as a good Heroet cought to deal fit the control of the country of Bufine(s.

ayon Bolindo.

If the Hersh le instaled for finne particular Sorr of Came, it the Laure Fac. (The Came of the Laure Came), it the Laure Fac. (The Came of the Came), it the Laure Fac. (The Came of Fac. (Laure Came) and the Came of the

HANKWIT, or HANGWITE, from the Saxon bangan, HANKWIT, or HANGWIT, from the Some bargon, be Option of the Option of Calculus, "We also see all interpreted the digital one of Calculus," when also read in interpreted of the Option of Calculus, "We also see all interpreted of the Option of Calculus, "We also see all interpreted of the Option of Calculus, "We also see all interpreted of the Option of Calculus," and the Option of Calculus, "As a see also see also

and Fore-fhrouds, to warp a Ship over a Bar, Ge. See HAWSES, in a Ship, are two round Holes under her Head, through which the Cables pass, when she is at

See Cable and Anchor Anchor. See CARLE and ANCHOR.

A Bold Hawfe, is when the Hole is high above the Water.

A Fred Hawfe, when there is Realon to suspect the
Cable may be fretted in those Holes.

Burning in the Haufe, is when the Cable endures an extraordinary Strefs.

Clearing the Hamfe, is the untwilling of two Cables, which being let out at different Hamfes, are twifted about one another.

abant one another.

Prefing the Hostife, is when new Pieces are laid upon the Cable in the Hostife.

Riding after the Hostife, is when any weighty Subflance lies scrofs, or falls directly before the Hostife.

HAY, HAYA, or HAYA, a Force or Inclotter, form'd of Rails, wherewith four Foreits, Parks, & were an ziently furrounded.

neetly introunded.
Sometimes the Word is used for the Park it soft: And
Sometimes the An Hedge, or hedged Ground. —Universit,
Captiulum 27, Petri Liber, concessiffs as firman testan
Hayam nospram de Laugerath, com felo vindem Haya.
Pavera, Marshe, O somulun isti sperius. Radeado inde
annuatum mahi tempere pingundinis umum damuum, G
fremsjone tempere umum damuum, Bo

HAYBOOT, in our aniset Galtons, from the Steam HayBOOT, in our aniset Galtons, from the Steam Heigh, Hofe, an Bore; a Mallet or also work of the Height-Book of the Height-Book of the Height of Hei HAYBOOT, in our anticat Customs, from the Saxon

HAYWARD, or HAWARD, a Keeper of the common Herd of Cattle of a Town, who is to look that they neither break not crop the Hedges of isoletof Grounday and is fusorn in the Lord's Coart, for the due Performance of his Office. See HAY.

HAZARD. See CHANCE and GAMING.

HAZARID. See CHANCE and GAMINO.

HEAD, Capur, the uppermoit, or formed Part of the
Body of an Animal. See Body and Animal.

Pling, and other of the antient Naturalits, speak of
a Nation of People without Heads, call'd Blemmyer. See

Beemmyns

BLEMMYER.
We have Accounts in modern Geographers and Travelers, of People whole Heads are as flat as the Hand; it being the Guideon among them to flatten their Children's Heads, when new Born, by patting them thro's Peris, when new Born, by patting them thro's Peris, when new Born, by Paliss, with a comiderable Weight thereon.—They are fail to be the Inhabitants of the Province Offenan, on the great River of the Amasouri, in South America

Anatomitis account the Head of Man, the first or up-permost Venter; being that which comes last in Order of Diffection, by Reason its Contents are not so subject to

Corruption. See VENTER.

The Head is divided into two Parts: The 1st, the Calvaria, or Scalp, being that Part cover'd with Hair. See HATR.

HAIR.

The 2d, fmooth, or without Halr, call'd the Face, or Vifage; by the Latine Valinu, and by the Greeks Professor, and Joseph Growers. See Face.

The former is labdivided into Surr; syle, the Front, or Funched, which is repared the most hamid, call'd by Physicians the Sincepur, q. d. finantum Captae. See Parson and Spiceture.

The blad, or Bock Peru, cell of Openia; by the Greek
Line by Reaflow all the Nerve, which smeag them are
The midd, or Top-part, cell the Orews of the
Book and by Anstoniils Ferras, a Friends, by resLilly, the fails are cell the "Originat, Tempera, as
being the Place where the Blad find begins to man gry,
The Book, or Basic or Lell'de, the "Opinitat, Tempera,
The Book, or Basic of the Heeds, is cell by one general
Nime Stath, or Commun; consisting of Several Parts, or
The Book of the Cook-sale, is all of froming, Popply, or
Cornovals, or Ferenandam, where impedent Ferena
The Book of the Scale is called to Popplyin; or
Ground, See Branch, Cor, the Head On Originit, or
Frygers, See Branch, Cor, the Head On Originit, or
Frygers, See Branch, Cor, the Head On Originit, or NT and SINCIPUT.

Prove. See Os Occipiris, So.
And those of the Temples, Temporalia, or Offa Tem-

orit. See Os Temporis.
These Bones are connected or joyn'd together by

Their Boxes are connected or joyn'd together 'by Sautes. See Survey and the principal Organs of Scafe, the Land of the Control Inferius, Mastoideum, Relfum internum majus, Relfum internum minus, and Relfum Laterale. See each described under its respective Article.

The Orientals cover the Head with a Turban, or a Cap.
The Occidentals with a Har, &c. See Tunnan, Har

and CAP.

and Car.

Kings, on folemn Occasions, wear the Crown on the

Head's Bithops the Mitre, &c. See Casows, Murrs, &c.

The anient Cavillers were Heliaett. — The Solders,

Caskl. See Hitcher and Cass.

Haan, is allo seld for the Top of a Tree, or other

Plant. See Tark and Frusting.

Haan, is allo applied to the Extremity of a Bose.

Haan, is allo applied to the Extremity of a Bose.

See BONE.

See Book. Book has a reand Tip, or End, which advance, or peoids forward, whether in the Way of an acceptance of the see and the Hard of t

HEAD, is also used for the Extreme of a Muscle, Which is fasten'd or inserted into the Stable-Bone, or the

the Part not intended for Motion. See Muscle, &c.
The Head of a Muscle is a Tendon. See Tendon and TAIL.

Smith.

Head, again, is applied in the Mechanic Arts, to the Parts of lannimate and Artificial Bodies. See Carral. In this Senfe we fity, that fome Nails have Heads; others Hooks; others, as Brads, oeither. See Natu.

In this Soute we far, that from Naila have Heals, others. Blooks; golven, as Perdu, eighthe, See Nax See Prin. Blooks; golven, as Perdu, eighthe, See Nax See Prin. Haran, it also uted in Patning, Scotjeure, Ger. for a Platur, or Reyredomation of that Part or its human Body whether in Goone, Draught, Refero, or Creax. See Martin, and Company of the Perfusion of

Sacrinces over a tree.

In Heraldry, the Heads of Mee, Bealts, Birds, &c. are bore in Armoury, either full-faced and in front, or fale-faced and in front, or fale-faced and in profits, which must be diffinguished in Biaxoning, — Vert a Career in the State of the Heads, Copped, Side-faced, proper: By the Name

Among Medalliths, the different Heads on antient Coins, Among Medalliths, the different Heads on antient Coins, are difflinguisfied by the different Dreffes thereof. See Madal. In the Impérial Medals, where the Head is quite bere, vis usually a Sign the Person was not an Emperos, but one of the Children thetrof, or the prelimptive Heir of the Empire. Tho' we have Instances of those who were only Gefars, and never reign'd, being crown'd with Lawrel, or adorn'd with a Diadem: As, on the contrary, we have Emperors Heads entirely bare,

have Emperon Holds's enterly bare.

The Holds' which are covered, an either covered with a binden, or covering with a binden, or covering the holds of the covering the coveri

fonce freefal Symbol theoret.

H.A.a., is also gruded to Monthers of approfed most of them liabilisedly to have many Hards. See Montreas, See Accessing the Montreas of the Hards of the Ha STELLATION.

The Stars, &c. in Medofa's Head, which is also call'd from the Araba, Ras Algol's See among the rest of Peraseus.

Head, is also used for the Horns of a Deer; as a

Hart, Buck, &c. See HORN.

Head, &c.

Hart, Buck, &C. See Hoan.
Hart's merc, or cast their Heads every Year; and get
new ones. See Mourtino.
The old Hart, or Buck, casts his Head fooner than the
young and the Time is about the Months of February
and March.— Having cast their Heads, they instantly
withdraw into the Thickets; hieling themselves in convenient Places are good Waste, &C. far from the An-

noyance of Flies.

nownen en Files.

After they have mewed, they begin to button again in March, or Abril, i.e. to those our new Horns; which at find appear like little Buschen.

But the Buschen is better that the begin the but a Harch, but the result in the begin the but the button of the Harch, he will never after mow or cit it.—If only one of his Tellides he taken out, he will want the Harn of that 18de; I found of the Tellides he only yord up, he will want the Horn of the only yord up, he will want the Horn of the opposite Stde. See Calvara-Tible Abril of the Right, for Deep, is painly reduced by the Tible Abril of a Right, or Deep, is painly reduced by the The Age of a Hart, or Deer, is usually reckon'd by the Number of Heads. — A Deer of the first Head, the second

At one Year they have nothing but Bunches, call'd Sig-dicators of Homs to come. The ad Year they appear nificators of Horns to come. militators of Hama to come. The 1d Year they appear more perfectly, but their aid mility of Hambers the first Hambers of Hambers of Hambers of Hambers of Hambers for Hambers of Hambers of Hambers of Hambers of Hambers for the Law they gow in our Splery, of nor, fax, or clipt finall Branches. At the 4th, shop ther eight or can 2th the 1th Year they bear thin Hambers of Hambers or that the 1th Year they bear thin Hambers of Ham

Language, are as follow:
The Thing that beareth the Antiers, Royals, and Tops, is call'd the Beam; and the little Streaks therein are Glitters.—That which is about the Cruft of the Beam, is turmed Pearls; and that which is about the Bur it felf, formed like little Pearls, is called Pearls bigger than the toemed like little Pearls, as called Pearls begar than the reft.— The Bur is next the Heas', and that which is about the Bur, is called Pearls.—The first is called Antier, the Good Sur-audier; all the reft which gown afterwards, till you come to the Cowan, Palm, or Croche, are call'd Repair and Sur-repuis; the little Bads on Broches about the Tops, are called Croches.

Their Head's go by feveral Names: The first Head is called a Crocon-top, because the Croches are ranged in Form of a Crown. — The second is called a Palmed-top, yerm on a Cowan. — The fecond is called a <u>Palainetyre</u>, because the Geoches are formed like a Man's Hand. — All because the Geoches are formed like a Man's Hand. — All being placed sides, all of one Harpit, in four, the Cockies of Nua, are called <u>Hesta's of four many Crockers</u>: All <u>Hesta's</u> which hear two on the Top, or having their Cockies which hear two on the Top, or having their Cockies have doubling, are called <u>Forted-Hesta's</u>. — All <u>Hesta's</u> which have double <u>Burn</u>, or the Antiers, Royals, and Crockies unused <u>Journments</u>, contrary to other <u>Hista's</u>, are called unused <u>Journments</u>, contrary to other <u>Hista's</u>, are called

have double Burs, or the Americ, Adyans, and Adelectioned downwards, contrary to other Hosds, are called fimple Hosds. See Hunwing.

Hand, is fornetimes allo sided for the whole Man, la this Seafe we fay, to offer a Reward for a Man's Hosd,— in Proferiptions a Price is fet on a Man's Hosd,—

See PROSERTPTION

Protestant World, U.S. HEAD, is also used to denote the Relation of Priority or that which comes first in any Thing. See Paronary, in this faces, we fay, the Names of Authors should always appear at the Head of their Books. — Preferey, and Epithe Decileatory, come at the Head. — The Governour marches out at the Head of the Gardiot.

HEAD, in the military Art. - The Head of the Cause, is the Front, or fore-most Part of the Ground, an Army

is the Front, or fort-most Part of the Ground, an Army is incamped on, or that which advances most towards the Campaigo, Field, or the Enemy. — The Heed of the Camp is always to be the best fertified, See Caste, Re. In the like Senfe we say, the Heed of the Tremebes. — The Heed of the Sap: — Of the Work, Sc. meaning those Parts advanced the furthest towards the Enemy.

See Wonks, San, Ge.
Such a Night the Hesd of the Trenches was carried further by an hundred Paces. — There are two Heads of a Trench that is, two Attacks, See Tarken and

ATTACK.

The Hoss of a Horn-Work, is that Part contain'd be-tween two Demi-Baltions. See Hoan-Work, Han of a Ship, or other Veffel, is the 'Prow, or Part that goes foremost. See Prow. See also Ship.

that goes foremost. See Paow. See also Surry.

HARA, in the Manage. The Perfections required to the Manage of the Perfections and the Manage of the Perfections and the Manage of the Ma

Infirmities of the Eyes.

But the chief Thing in a Horfu's Head is a good Onfee, fo as he may be able to bring his Head into his natural Situation; which is, that all the fore Part, from the Brown to the Nofe, be perpendicular to the Ground; fo that if a Planmet were applied thereto, it wou'd but just raze or flower it. See Hugas fhave it. See House

The Head of a Horse is also used to import the Action of his Nock, and the Effect of the Bridle and Wrift.

Horrs

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Moors Head, is underflood of a Horfe with a black Head and Feet; the Body being usually of a Roan Colour. See Horse. Moors Head, is also used by Engineers, for a Kind of omb or Granado, shot out of a Cannon. See Bome

and GRANADO.

and Grahamo.

Moors Heed, is also used in Heraldry, for a Representation, nsually in Profile, of a Bisck-moors Head, swath'd or roll'd about with a Bandage; frequently hore as a Creft. See Cansy.

Moors Head, in Chymiftry, is a Cover, or Capital, of an Alembic, having a long Nock, to convey the Vapours rais'd by the Fire, into a Vestel, which serves as a Re-

TRIST BY THE THE ALL A VEINS, WELLS, THE STREET AND A VEINS, WE ALL ALL THEORDO, OF THE LIKE IN MARIE, THE HE AND OF A LIME, THEORDO, OF THE LIKE A VEINS AND A VE

Dragon, Sc.

Head-Ach, a painful Senfation in the Muscles, Membranes, Nerves, or other Parts of the Head. See Cr-

PHALALGIA.

FINALAGIA.

It is fippofed to arife from an extraordinary Differention of those Parts, either by the Fluids therein being ratified, or their Quantity and Motion increas d.

When attended with a Vomiting, Deafneds, and Watching, it portents Madacles; with a Notife in the East, Duncies of Feeling in the Hands, Ee., an Apoplexy or Epilepty.

of Feeling in the Hands, S.C. an Apoptexy or Epileply. See MADNASS, Arorinaxy, U.C.

The Care is by Bleeding in the Jugular; Cupping, or applying Leckbes to the Temples, and behind the Bars and Neck.—Iffines, Emericks, and Diaphoreticks are also occasionally ufed; with Anti-epilepticks and ApopleChicks—A Vedicatory applied to the whole Scalp, is the laft

Remedy.

M. Homberg gives us an extraordinary Inflance of the Cur

M. Homberg gives us an extraordinary intrance or the Cure of a most vehiclenest and invectorate Head-Alch, by an accidental Burn of the Head-Soe Buan.

Hand-Borow, fignifies the Person who is chief of the Frank-Pledge; and had antiently the principal Direction of those within his your Pledge. Soe FaxINE-Pledge.

of thoic within his own Pickige. See Franki-Pickige.
He was alto called Zerrou-Head, Zunifooleer, now
Boffooleer, Third-Berrow, Yirbing-Mon, Chiel-Pickige, and
Groven-Histor, according to the Divertity of Speech in
divers Places. See Trymino-Mon, Cle.
This Officer is now infaulty called a High-Conflable.

See CONSTABLE. The Head-Borow was the chief of ten Pledges; the other nine were call'd Hand-Borows, or Plegii Manuales. See FRIPOURG

See FRIEGUEG.

HEAD-Tarrin. See FARCIN.

HEAD-Tarrin. in Husbandry, is that Part which is ploughed aerofs, at the Ends of other Lands.

HEAD Month-Shot, a Diffcafe in Children, wherein the Head Mondes-Shot, a Diteate in Chaitren, wherein the Struers of the Skull, generally the Coronal, ride; that is, have their Edges ther over one another; and to close lock'd together, e.gr. as to comprets the internal Parts, the Meninges, or even the Brain it felf. See Suvers.

the Sutures The Head Mould-Shot, is the Diforder opposite to the Horfe-Shoe Head. See House-Shoe Head.

orfe-Shop Head. See Horse-Dope Head. Head-Pewer, and Head-Silver. See Common Fine. Head-See, is when a great Wave, or Billow of the Sta, smes right a-head of the Ship, as the is in her Courte. Head-Stall, in the Manage. See Caveson.

HEALFANG, or HALSFANG, in our antient Cuftoms, Collistrigium, or the Punishment of the Pillory. See PILLORY.

The Word is compounded of two Saxon Words, Halr, 1. c. Collum, and pants, Captura; pana feilicit qua ali cui Collum firingatur. See Collistrateium.

cui Cullom firingatur. See Consistratioum.
Hadfang, however, simont fingilis e Pillary in the Charter
Hadfang, however, simont fingilis e Pillary in the Charter
of Cannius de Fayelli, Cap. 14. Es pro culpa fabour Rei
Sometimes it is taken for a pocumiary Punifilment, or
Mulci, to commune for fineding in the Fillory; and is or
be paid either to the King, or to their chief Lord.
—
Sen Jaffons Tellimonium delli, reelass Regi vol Vera
Zoumed Hillong, Leg. H. 1.

Sometimes L. Reg. 15.

a Wound or Ulcer. See Wound and Ulcer.
The Medicines, proper for this Intendion, are call'd incentives, Agglemanives, Valencaries, E.G. See Incarenatives, Agglemanives, Valencaries, E.G. See Incare Natives, Agglemanives, Valencares, E.G.
Dr. Beale has a Dilionfer of Healing Springer and Waters in the Philosoph. Transfall, Nr.—See Water.

and SPRING.

and Spring.

Healing, in Architecture, denotes the Covering the Roof of a Building. See Roop and Covering.

The Healing is various; as of Lead, Tylet, State, Hordam Stone, Shinglet, Reed and Strace. See Lead,

Henham Steine, Schingtet, Reed and Stream Sec Lakay, Tritis, Strough, St. Striucita, Set. And Tamperament, or Hild Titl, Februsie, Smitter, a dea Tamperament, or Hild Titl, Februsie, Smitter, a where it, Atlantia is composed, beth in Relpect of Quantity and Quality, — Or it is that State of the Body, wherein it is fitted to diffuse the natural Facilitions perfectly, early, and durably, see Bony, Live, Fuscarios, U.C.
BONY, Live, Fuscarios, U.C.
BONY, Live, Truckerios, U.C.
BONY, Live, Truckerios, U.C.
BONY, Live, The State or Condition, opposite to Diffuse.

No. Plustart.

e DISEASE.

See Divars.
The Preferencies, and Refloration of Hoslib, makes the Object of the Art of Medicine. See Middle, the Northern The Condition, or Continuance of Hoslib, depends principally on the fix Non-Naturals, via. Air, Food, Exercife, the Pufflers, Evocantion and Retention, and Steph and Waking. See each in its Place, Food, Exeractise, Passon, U.S.

The Antients perfonified and even deified Health; or rather, crected a Godden to whom they supposed the Care of Health to belong. — The Greekt worthipped her under the Name Hygera, and the Latins under that of Samitss.

The Place of her Worthip at Rosse was on the Mons turinalis, where the had a Temple; and a Statue crown'd with Medicinal Herbs.

with Medicinal Herbs.
We frequently find the Goldeth Health on the Revertie
We frequently find the Goldeth Health on the Revertie
We frequently find the Goldeth Health on the Revertie
Goldeth of the Goldeth of the Goldeth of the Goldeth on the Indiano,
Goldeth of the Goldeth of Health of the Goldeth of th

therewith. See Past-Houfe, Quaranting from Places infected In the like Senfe we fay, Officers of Health, Certificate of Health, &c.

HEAM, among Farriers, the fame with the After-birth

in Momen. See Securshing.

In Women. See Securshing.

If women See Securshing.

If we see S

enjul to Rene, as well as the dual froit is no do Femri,
lling, Savia, Angelje, 25 C.

19 To be being the Angelje, 25 C.

19 To being the Angelje, 25 C.

20 To being the Angelje, 25 C.

20 To being the Angel

Philosophets have differ'd as to the immediate Organ of Finitothers have differed as to the immediate Organ of Hearing, "Ariflotic will have it the Geolies and Tymponom, and takes the Senic of Hearing to be feated therein. High Amissal, Cap. to. in which he is followed by Galer, Lib. 8. de sells par. See TYMYANUM, Se. The Moderns Speak of the Point on much better Ground.

The Ear, and the feveral Parts thereof, Membranes, Canals, Labyrinths, Nerves, C. are only Means, Vehicles, for the Reception, Modification, and Transmission of the fonorous Marter to the Brain; which is the Scat of the

Sources Matter to the Brains, which is the Scat of the Seafe See Barlay and Sanson, and the Gradient of modulation of the external fair, which being gathered by the external Eaz, paties through the Massus Anisiarratas, and beats upon the Mandowana Tymphaniau, which moves the four little Bones in the Tymphaniau. See Apractica and Tymphaniau.

be paid either on the King, or to being de la company, and is to a stream and Transaction.

On Jalian Tellimonium steint, redata Regi ved Terre linke Bones move the internal laft, which is in the Domest Ballong, P. Jan. 18. 205., includes the whole and internal laft, and the state of contract of contract of contract of the state of the state

Sir Ifase Newton carries the Thing fomewhat farther, and flappofes Hearing, like Seeing, to be performed, nor immediately by the Vibrations of the Air, but by those of fome other more fishels Medlum, excited in the auditory Nerves by the Timmors of the Air, and propagated throthe folid Capillaments of the Newto to the Flace of Senfatton. See Microssys, 45c.

tien. See MEDUUM, VISION, US.
The curious Stratcher of the Lab-rinth, and Cochles, tend to make the weaked Sounds and libe, for the whole the condition of the

is mixel, Sounds which are now low, could not have been heard at all.—If the andiroty Nerve had, like the Resints, been expanded into a large Web, which had covered or limed from which Cavity, the Imperiation of Sounds even of Intelligent with the Cavity and Intelligent of Sounds even the Cavity had given Room for the Sounds of the Soun near once imprefied becomes audible; and by their Nar-rowness, the Sounds are hindred from dilating: And the Impressions made upon the Nerves by the first Dilatations

Imperficious made upon the Newes by the first Dillutations are always the firmgelf:

The Strength of the Imperficie in astrow Canala, is Interest, invested on Account of the Elathcity of the Revent invested on Account of the Elathcity of the Air, do represent them more addressed in upulfer of the Air, do represent them more addressed throught upon the address Newer Li rany the observed, that the Air he the usual Matter of Somala, for that a Bell rung in Person is not heard at all "X will most other Books, properly dispoted, due the Bookse, only force more thanhy than others.

See MEDIUM.

Thus may a Sound be heard thro' Water, or even thro' Earth 3 of which we have various Inflances. See Sound.
Add, that tho the Ear be the ordinary Organ of
Hearing; yet Hagerey, a Danigh Phylician, maintains,
that one may hear with the Teeth.— Thus, if one End that one may hear with the Teeth. — Thus, if one End of a Knife, or the like, be applied on a Harpfishol, and the other held between the Teeth; the Music thereof will be plainly heard, tho' the Lears be ever for clotley floop'd. — But this, perhaps, may as well be referr'd to the Senfe of Feeling. See Frazzins.

of Feeling. See FRELING.
Such as Want the Sense of Hearing are faid to be Mute

or Deaf. See DEAFNESS.

or Doefs. See DRANDIAS.

The Sende of Heaving, flys Gents, is always open; for this we have Need of eren when sides. The Pedigies to it is fluid of Turns, and Mennders; part Pedigies to it is fluid of Turns, and Mennders; part of the Pedigies of the fluid of Turns, and Mennders and the fluid of the Pedigies of the Senders of the Common, the Senders of the Senders of the Senders of the Common, the Senders, laid for that Perpole near the Estrance. De Nat. Doer, Lx. Cup. 57.

HARARING, in Serviciality ided in Cell and Jodicial Concerns, for a Confe, being brought before the Judger and Jury, and the Partia being leaved as on the Martin thereof.

jury, and the Parties being heard as to the Meries thereof. See Caves, Jupora, 5°C.
Such a Canfe was kept off eight Months, e're it was hrought to a Hearing.—We are to have our Hearing the laft Day of the Term. See Issue.

The Hearing of Embetfaders at the Courts of Princes in uffaulty call'd Antisone. See Auditance and Essue infaulty call'd Antisone.

BASADON.
HEARRS, among Hunters, an Hind in the fecond Year of her Ag. See Hwayrine.
Handle, among Hunters, an anticules Part, in the annual Body, feature in the Thorway, a multicules Part, in the diaments Red, feature in the Thorway, wherein the their all terminate, and from which all the Arcteries safely and which, by its alternate conversion and Dilatation, and their full firmenses of the Cremittion of the Blood, and the Purpupile of vital Addian. See Ararax, Yara, Booos, LIFE, Oc.

This noble Part is included in a Capfula, or Pouch, call'd the *Pericardium*; whole Structure and Office will be explain'd under the Article Pericardium.

The Figure of the Heart is a Cone, or Pyramid reverfed; the upper, and broader Part whereof, is called the Haft; and the lower, the Cone, Abev, or Point; which is runn'd a little towards the left Side.

turn'd a little rowards the left Side.

Its Magnitude is indeterminate, and different in feweral
Subjeths, according to their refpective Dimensions.— Its
ordinary Longh is about fix linehes, its Breadth at the
Basis four or five; and the whole Circumference fourteen,
Its Place is in the middle of the Thoraxy, between the
two Lobes of the Lungs; and it is fastered to the Mediafinum and Pericardium, and supported by the great

Blood-Veffels, to which alone it is immediately connected a being, for the Conveniency of its Motion, difengaged from any other Impediments.—It is covered with a thin Membrane, which, about the Bafis, is guarded with fat; and which is no other than the common Membrane of the Mufeles. See Mambrane.

Mucles. See Manhana.

It has two goar Cavities, call'd Feuricies, fomewhat unequal; the right being large, capable of containing between two and face Ounces of Booked. — They are discovers two and face Ounces of Booked. — They are discovers two and face of the containing the

thro' the Lange. See Servery, Ch.
The Parietre, or Sike of the Wentricks, are of a Thokseds and Straugh very usequal; the left much exceeding the right, because of in Coffee, which is no exceeding the right, because of in Coffee, which is not being the right derives it through the Lange only, and is therein genty affilled by other Parts.—The right Ventrick, in Edit, from only intended with a View to the Lange as the Lange only, and is therein genty affilled by those Parts.—The right Ventrick, and the Ventricks are little Matches, called Columne Contras, or Lanerall, derived from the Parieties, and the Contras, or Lanerall, derived from the Parieties, and the Laneral Contrast of Laneral Contrast of Laneral Contrast of Laneral Contrast of Laneral Contrast, or Laneral Contrast,

The Ventricles are capped each with an Auricle, or little Mufele, confifting, like the Ventricles themfelves, of a double Order of flefhy Fibres. See Auricle.

The Veffels, either arifing from, or terminating in the Hears, and its Auticles are two Arteries, viz. the Aorta, and the Palmonary Artery, which have their Origin from and the Palinboary Interty, which have their strigm from the two Vontricks, vis. the Agris from the left, and the Palinboary from the right: And two Print, which terminate to the Auticles, vis. the Game Vein in the right, and Palinboarry Vein in the sight. See Ador. A. CAVA, PULMONARY, G.

At the respective Orifices of these Vessels are placed Valves. See Varve.

Particularly, at the Orifice of the Arteries, within each of them, are three femi-linar Valves, or Membranes, of a femi-lanar Figure, which close the Orifice of the Artery, and hinder leave Figure, which clot the Chifice of the Arrey, and hinder the Relipié of the Blood into the Heart at the Time of its Dilatricia.—At the Mouth of the right Vennice, juit at 1s juschess with the Auricle, are three china California and the State of the Chifice and the Arrey of the Chifice and the Councilians, or Syldeel of the Harry, they clot the Councilians, or Syldeel of the Harry, they clot the Office, and hinder the Blood from recurring late the great of the Harry they clot with the Chifice, and hinder the Blood from recurring late the great the Exit of the Let Ventricle, despite the Return of the Chiff of the Chiff of the Harry Arrey (1). So Shant-Lauar, That Chiff of the Chiff of the Harry Arrey (1). and MITRAL

curvers, and MrraAL.

The Soldiness of the Endode, generally ratio for the Soldiness of the Endode, generally ratio for its Proceedings of the Hopkers and the Mooret, have cridically found and after him Norse and the Mooret, have cridically found and after him Norse and the Mooret, have cridically found to the Comparison of the Endodesia of the

Order of first Elleca, the extrine whence facted ab-liquely from the Septum to the Birds, and form a Sort of Helins, or Gebites: The interior take a coursey Cent's witning obliquely from the right duct towards the the Birds on the left Silet, form likewise and the towards the interest Corles. The Duder their appears the Ellecs of an inverte Corles. The Duder their appears the Ellecs of the left Ventreits; and first, a fifted Series running to the left, transing the contravity Way, which not only extend to the coursed Perits, but encompating the whole Ventricis, make the Septim more immediately appearing to, and be contraved Perits, but encompating the whole Ventricis, make the Septim more immediately appearing to, and to terminating, as the relt do, in the Tendens of the Heart, run inversits, and from the Catemac Germes's while cohere, reaching down to the Cooper.

CENTRE.

The Fibres of the Heart appear to be the fame with those of the other Mufcles; whence the Part now generally passes for a real Mufcle; the form think the Inference no rought, inatinuch as the Abria has the fame Claim to be reputed a Mufcle. See Myeart and Anara.

Some late Authors, upon confidering the Struckure and Diffusition of the Spiral Pibers, chack rather to make the Diffusition of the Spiral Pibers, which rather the con-line of the Spiral Pibers of the Spiral Pibers and the Jan Effect, the two Varnielae, with their refrictive Authories, are Sound two dillined Bodies, two Vedfes, or Caviries, which may be Figurated, and yet fill remain Vedfes 5 the Septum, which was fupporful to belong only to the left, being now feedled to come, the two Vernicles according to being now tound to centify of Fibres derived from them book.— "To flay no mere, the two Ventricles, according to M. Winghow, are two feveral Markles united together, not only by the Septum, but by feveral Plans of Fibres arising from the exterior Bafe of the Heart, and meeting at the Agent, which entering the left Ventricle, lines the Designation.

fing from the case-sign fine left Ventrate, many the Apex, which entering the left Ventrate, use The Heart has also its proper Blood Vessels, etc., two Artecles springing from the Eutrance of the April 2, and one larger Vela, with one or two lefter; all which, from their excompassing the Heart, are called Octoberies. See

Canonaxi.

The Nerves of the Harr and its Audoles, come from a Beaus of the 2nr Faguro, called by Willin, Potent Canonaxis, and the Harr and the Harr and the Harr and the Harr as the Viteracia but, the Lawran amount of the Harr to the Viteracia but, the Levans amount, to tend the Harr to the Viteracia but, the Levans amount to tend the Harr to the Viteracia but, the Levans amount of the William and Dilatrico. — By the Dilatrico, and the Edge of the Control of the William and Canonaxis and the William and

It must be added, that these alternate Motions of the Heart and Auricles, are opposite in Time to each other; the Auricles being dilated whillit the Heart is contracted again; and contracted whilft it is dilated, to drive the Blood into

See AURICLE.

1t. Sec. Ausaccia. By Meass of the right Ventricle, the Blood is driven through the Pulmonary-Wells, from which being received into the Pulmonary-Verls, it is recursed to the left Ven-tricles from which by the Abris, it is diffinbuted all over the ruli of the Body, and those returned to the right Ventricle by the Penal Laws 45 mainting an eartic Christian through the whole Body. See Circularios.

venuche by the Frant Cares 4.50 making an earlier Circulation through the whole Body. See Circulation.

Addression figulate of a Min who had not considered for the control of the Circulation of the Circu

and onned.

Historians relate, that Pope Urban VIII. being open'd after his Death, was found to have fuch a Bone in his Heart. The Cafe is very usual in the Trunk of the Aorta, which fprings from the Heart. See AORTA.

which fyrings from the Heart. See Adva. Many amphibuse Creatures, as the Frogs, &c. have but one Ventricke in the Heart. — The Tortolic is faid by the French Academilis to have there Ventricles. M. Briffere charges this on them as a Miffake; and maintains it has but one. The Point is feared yet affectaint, the Men. do P. Acad. An. and Philipoph, Tranfall. No. 2,28.

Theory of the Motion of the Heart,
The Principle of Motion in the Heart, or the Power
from which its alternate Contraction and Dilatation arifes,
has been greatly controvered among the late Physicians

and Anatomitis.

The Expanding of the Blood out of the Ventricion, argues
The Expandine Moriein in the Pert. __ The argue
The Expandine Moriein in the Pert. __ The Argue
Person of the Certain, must flurmount the Reinfluore must on
it and according to Starfeld's Computation, the Reinfluore
made to the Motion of the Blood thro' the Arterica, is
capal to 180000 Pounds, which interfere are to be
moved by the Heart's, or elle the Circuition must casts.
Now, whence count the Machiner of the Heart to have fuch a Power? And after the Expulsion, what other Power

is it that furmounts the former, and reflores the Part to its tate of Dilatation, to produce a reciprocal Æffus?
The whole Affair remain'd in the atmost Darkness and

Control of the Contro

That, Contraction is the proper Action and State of all Mufcles, is evident both from Reafon and Experience. For if any Mufcle be freed from the Power of its Antagonith, acor is any studic to freed from the Power of its Antagoniik it immediately controls, and is so thy any Action of the Will or Spirits, to be reduced to a State of Dilutation.— Then, if the Piccurs of any Joine be divided, the Extension of that Joine being by that Means freed from the contrary Alchion of their Antagoniid, the Joine is immediately exceeded, without any Consien of the Will, and had been also also been supported by the State of the Will, and the State of the State of the Will, and the State of the Will, and the State of the Will and the St

be divided, that the cotling Madice here on Hence is Recommended by the shirt they devire from the Action of their Amagonith, by which they are ballanced.—Thus the Spinders of the Amagonith, are always in a Stam of Contention, and the Amagonith, are always in a Stam of Contention, and them by the contenty Action of from fronger Madicis, which, the not properly called Amagonith, yet on almost the Contention of the Contentio

which, the new property met. Office of facts. See Annu-ciality Occisions, perform the Office of facts. See Annu-ciality Occisions, perform the Office of facts. See Annu-ture of the Party, it is, the annual Plu Battire of machasis a Plant, whole proper Niffs, or Tendency, is to an annual Plus of the Party of the Party of the Inter-tact of the Heart, acked by the Neven, be the immed-dates Information of in Conflictions, or Spikha, as it thereon the Internation Middler and Disphagma, which aid and the Internation Middler and Disphagma, which aid and the Internation Middler and Disphagma, which aid and Vent, free-sling themselves the property of the Inter-taction of the Internation of t and Sub-divisions of the presented of the Lamps, non-negative as it were co-cumined thereuith, and fuffire the like Jack as at were co-cumined thereuith, and fuffire the like Jack as a six or Deperficion, whether below a six or Deperficion, whether levels are the law as the la they arise.

they arise. Patting e-prior to the Hood from the fight Than is a first orthe the first own by the design which is could not contain it in the could not be such which is could not otherwise patts, and the Opposition which the Hood, contained in that Vernetice, and other which is could not Syllow better brightness. So Servers, and the Syllow betterly ficilitated. So Servers, For the District, or Disturtion of the Heart, Dr. Lerow concern kinefit to stricke it to a Mechan or Retification content is Motion conflicts in the Construction and the Filter of the Heart are made for Construction only "is visited the, and the Mechanic of the Heart as in the Syllow. But

a State of Viocence. So that the Confirition is the true Motion of Reflitution, and the only State to which it will spontaneously return when the Force is taken off; and thus we are left full to feek for the true Caufe of the Dia-ffole, which appears the most difficult Phenomenon relating to the University of the Proposition of the Caufe of the Diato the Hears.

Mr. Comper, in his Introduction to his Anatomy, im-oves on the Share Dr. Lower hints the Blood to have in

proves on the Share Dr. Lower him the Blood to have in that Allien, an athesis it the studie Informant of the Dilatation of the Hasers in which he is followed by Dr. Drakets who, bowever, differs from him as to the Manner, and Recifoso of its being fo. "The Haser of an Animal," jury Mr. Compter, "bears a great "Amilogy on the Pendelman of these striked Arismostra," "A "other Markless has Blood being a Compter Strike and Pendelman of other Markless he Blood being a Compter Strike and Pendelman "F he means that the Blood, in its Reduc, by gravi-station on the Autiless and Vanticles, dikture and expande — He he means that the Blood, in its Reitus, by gravitating on the Auricles and Ventricles, dilutes and expande them; acting directin as a Counterpoine to its Contraction as a Mutice; 'tip thy he had not given an Explication at large of to abtrust and important a Phenomencous The specific Gravity of the Blood, not feeming a Casef adequate to the Effect it is here fappoint or produce. — For if the Riodo act only as a Weight, by more Gravitation of the Contraction - For if the Blood act only as a Weight, by more Gra-vitation; fo much of it only as defeends from above the Heart, can be employed in that Action; which at the largeft Computation, does not amount to above five Pound Weight, and must be able, according to the Computation of Berellus, to overcome a Refishance of 155,000 Pound.

Pound.
Whatever, therefore, the Force that dilates the Hearr and
is the Caufe of the Diafble, be, it must be equal to that of
the Hearr, the intercofal Muscles and Diaphragm; to all
which it acls as an Antagonist.

which it alls as an Autagonifi.
Such a Power is bard, perhaps impossible, to be found in
the Machine of an usual bloody and yet wriben from fash
the Machine of an usual bloody and yet wriben from fash
flower in the perhaps of the found be maintained.—All the Englists yet difference
within the Body, compire rowards the Conditions of the
Heart, which is the State of Quickence, to which it narurally rends yet we find it alternately in a State of
Voicence, of Diffusition in Adio on this Alternation does all

Violence, or Dilatation: And on this Alternation does all animal Life depend.

Some external Caufe, therefore, must be found to produce this Phanemonn; which Caufe must be either in some Quality of the Air, or the Pressure of the Atmost phore, because we have no constant and immediate Commerce, with any

et Media.

Some Physicians observing this, and that deprived by whatseever Means of Communication with the external wantoever Meass of Communication with the external Air, we became inflantly excited 5 have imagined, that in the Act of Infipitation, certain purer Parts of the Air were mixed with the Blood in the Langs, and conveyed along with it to the Heart, where they nourflied a Sour of vital Flame, which was the Caufe of this reciprocal Zeffers of the Heart. See Flama.

Others, rejecting an actual Flame, have funcied that these fine Parts of Air, mixing with the Blood in the Ventricles of the *Heart*, produced an Effervescence which

dilated it. See EFFERVESCENCE.

But their Notions have been long exploded, upon ample
Conviction; and 'tis a Point yet undetermined, whether
any Air-does mix with the Blood at all in the Lungs or any Air de See Lungs, &c.

not. occ Lunds, O.E. Bat, fappening fome Air do infinuate it felf into the pulmonary Vein, it can no other Way dilate the Heart, than by an Efferte/fence in the felt Venricle, which would not dilate the right.— But even this Opinion is contradicted by Autopffy, and abundantly confuced by divers Authors.

See RESPIRATION.

See Respiration.

Upon the whole, the gross Body of the Atmosphere appears to be the true Antagonist to all the Musicles serving for ordinary Inspiration, and the Constriction of the Heart; which is constrained not only from its fusicient Power, but the Necessity of its Achion upon animal Bodies.

One of Theorem 1.

The Heart, we have observ'd, is a folitary Muscle, of very great Strength; and the intercostal Muscles and

as the Fibers are firred'd leyend their Tone in every Disphragan, which likewish here as Anapoulds, are a walfconsidered in the Rackes, after that Nyfel is over, additional Faves, which must be bulleared by the control of the Control of the Nyfel is over, additional Faves, which must be bulleared by the Control of the Nyfel is over, and an additional Faves for the Nyfel is over the Liberton of inapoulit Maclifac is a terratively in and as the Author benedicting in the Nyfel is over the Nyfel is over the Liberton of inapoulit Maclifac is a terratively in And as the Author benedicting in the Strukture of the Nyfel is over the Liberton of inapoulit Maclifac is a terratively in And as the Author benedicting in the Strukture over values by Muster, the Indiance of the Will cave the Nyfel is over t other voluntary Motion, the Inflaence of the Will and privace a Prevalence to ease, of two Powers before could-heards; to been it ferres to cashle thoic Medicas to this a See that as foun as at an Additione is witherawe, the Ribs are again depetful by the mose Gravitation of the Atmo-pheny, which would otherwise remain cleansal thor the privacy that the property of the Company of the Atmo-pheny, which would otherwise remain cleansal thor the This is evidently proved from the Tericelature Experi-ment, and those made upon Adminish in Fatons, when the Company of the Company of the Company of the Company takes off, the intercedial March and the Power of the takes off, the intercedial March and the Company of the prover of the Will be made to fulfish, till the VACCUMA.

VACUUM.

Air is sagain let in to bear them roccupy owns. our Air is the Elevation of the Risk, he Risol, by the Padige opered for is, is in a Manner folkierd into the Padige opered for is, is in a Manner folkierd into the Langs; s in that Deperdien, by the Suddalence of the Risk of Risk of the Risk of Risk

great fover, being equal every Way, could not affect them, were it not that the fuperficial Dimensions are easily variable; becaufe, being compress do and Parts with the fame Degree of Force, the contained Fluids could not any where begin to recide, and make Way for the reft to follow, but would to recide, and make Way for the relt to follow, but would remain as fix'd and immoveable, as if they were actually folid. See Frutz.—But, by the Dilatation of the Thoras, Room is made for the Fluids to move; and by the Coardation of it, firth Motion is impreft; which is the great Spring whereby the Circulation is fet and kept going. This reciprocal Dilatation and Contraction of the Super-

ficial Dimensions of the Body, focus so necessary to animal Life, that there is not any Animal fo imperfect as to want it,

feith Directions of the Body, from 6 needlity to minut feith Directions of the Body from a toward Rappiter have the clear state of the which our automotife Rappiter have the reacht the Body from the vicinity of the Rappiter have the reacht the Body from the Rappiter have the reacht the Body from the Rappiter have been considered that the Rappiter have been supported by the Rappiter for the Rappiter have been found to the Rappiter for the Rappit by the Dody, as they do in the Lungs or petrot Aminasis, by this Diffortion, in every Infpiration, the whole Body is indised, and in every Expiration compreted g and con-cipuently the Blood-Vetfiels must fulfer a Vicilitude of Extention and Contraction, and a greater Motion be thereby impetited on the contained Fluids, than the Heart, which impreted on the contained places, that the Elechy's, which is their Greatures does not appear to be mufcular, would be capable of giving. — The only Animal, exempted from this necessitary Condition of receiving and expelling alternately fome Fluid in and out of the Body, is a Feetus *K k k

But this, while included in the Wornb, feems to have little more than a vegetarive Life; and ought feares to be reckon'd among the Number of Animais 1 and were it not for that finall Share of matcular Motion which it secretic in the Wornb, it might, without Abdrelley, be accounted a Grift ayen, or Branch of the Mother. See Fourty, Exempto, U.C.

FORTUS, EMBRYO, Oc.

One Difficulty we must not here conceal, which will lie against the whole Doctrine, via. That the Heavts of Several Animals have been found to bear regularly and strongly, even in Faces 3 not lefs fo than in the Air. Witness the Heavt of Freigs, tried by Mr. Bayle. Philipseline of the Several Animals of the Air Several Animals of the Several An

fofb. Tranfact. No. 62.

Efficience of the Force of the Heart.

The Quantity of the Force of the Heart has been varied only ellimated, and on various Principles; by various Authors, particularly Sorelli, Morland, Keild, Furin, Sc.

Authors, particularly Servett, Journals, Reilt, Yarin, Sec.
The Force of the Heart may be defined by the Motion
wherewith the Heart contracts; or by the Motion of a
Weight which being oppords to the Blood at its Exit out
of the Heart, will just balence and stop the fame. —This
we have no Way of coming at a priori; the internal
Structure of the Part, and the Nature and Power of the contracting Gause being but imperfeitly known: So that the only Means remaining, is to estimate it by the

the only "Means centilining, is to élitimate it by the Land and the Act of the Harter coulding in the Controllous of its Ventricles or The Ventricles controlling the of the Harter coulding there is the profit signs in Eogh, and communicating there of the regist is provided by the Act of the Harter is at the sinceful Blade of the Afrencies of the Harter is at the sinceful Blade of the Afrencies of the Harter is at the Afrencies of the Harter is at the Harter of the Harter of

Arreires, equivalent to 180,000 Pounds, 3 and the Force of the Horry 161 (a) only qual to 3,000 Pound, which is olly \$2.5 of the Oppelition in has to occurrent. The Arreires are better the Horry with \$4.5 of the Oppelition in his to overcome a Retillative of the Arreires as believe the Horry with a Force of \$3.000 Pound, to overcome a Retillative of the Arreires are the Horry with a Force of \$3.000 Pound, to overcome a Retillative of the Segment of the Arreires are the Horry with a Force of \$3.000 Pound, to overcome a Retillative of \$3.000 Pound, to overcome and to overcome a Retillative of \$3.000 Pound, to overcome a R

be infufficient. But his Calculus it felf is also found to be faulty; the

But his Cakellus it felf is also found to be taulty; the Ferce askribed by him to the Heart being immensiely too great. — Dr. Juriu flows, that had he not made a Mishke in the Computation, the Refishence which the Hostr has to overcome, much have come out, on his own Principles, much greater; and instead of 15,000 Pound, would have been 1,076,000 Pound, which transfernds all Teachthalves Probability.

Promising:
The great Faults in his Solution confift, according to Dr. Jarras, in his ellimating the motive Force of the Hearst by a Poulous at reit; in fupposing the whole Weight Islatiand by a Maicle, in one of his Experiments, to be distalted wholly by the contracting perce thereof is adfaming Mulcles, equally heavy, to be of equal Force; in algopoling the unmul force of the Harric externed at every

Princip. Now, the Blood flowing out of the Heart, is refifted in 118 Motion by the anterior Blood in the Arteries and Veins, and therefore cannot flow with all the Velocity the Vein, and therefore cannot flow with all the Velocity ket Porce of the Harry will give it; pare of this Force being from in overcoming the Kerlinstee of the Marie of Blood, in the Company of the Marie of Blood, and the Marie of Blood, it diminified by this Refillence, or what proportion the Velocity of the Blood relified, has to the Blood driven to the Blood of the Marie of the Western of the Marie of the selectly of the Blood at it is relified, we might eafly see collect the Velocity, by which the Blood would flow were it not relified; and from theme, the shellone Force or the transfer of the Marie of the Marie of the Marie of the Marie of the transfer of the Marie of the the Heart.

Lib. II. Newton

is not refified j ind from theses, the abshines Power of To find this, the Author mode the following Hysperiment.—Having uncovered the Hinek Arrary and Wan in the Thigh of a Boye, mear his Body and polled convenient to the Horse and the Horse through the Horse through the Welfels, and received the Blood which run from it in the Velfels, and received the Blood which run from it in the Square of the Goodman The finne was atterward done by the Horse through t out of the Hister Vein cut alunder, is the fame which ran throot the Hister Artery, before it was cut, in that Space of Time. Having, therefore, the Quantity which runs thro' the Hister Artery when it is cut, and when it is not cut, we have their Velocities; for the Velocity of a Fluid, running thro' the fame Canal, in equal Spaces of Time, is directly as their Quantities: But the Velocity of the Blood, diredly as their Quantities: But the vesseary of the ninear, when the Artery is cut, is equal to that it receives by the full Force of the Heart; and the Velocity when it is not cut, is that Velocity with which the Blood moves throw the Arter, refitted by the americal Blood: And therefore these two Velocities are to one another as 7 \frac{1}{2}\$ to 3.

two velocities are to one another as 7½ to 3. If now the Harr throws out two Onnecs of Blood every Syflole, which is a probable Alifumption, then the Blood mores throw the Horst at the Rate of 156 Feet in a Minnte 3 and therefore the abfoliate Velocity, wherewish the Blood would be forced into the Array, did it find no Refiftuous, is fish as would make it more 350 Feet in a Minnte of the Horst Array of the Syflonian and the Syflonian and the Syflonian and Syfl

We now proceed to enquire, what is the Height from which a falling Body will acquire this given Velocity; for this Height doubled, gives the Length of the Cylindry who'e Bafe is equal to the Orlice of the Morta, and Weight equal to the abfoliuse Force of the Heart.

Weight equal to the Abfalse Force of the Heart.

It is known by Experiment, that the Force of Gervalius will make 2 Body more 30 Force in a Sconda, which is force that Control of the Force for the Volceity of the Bodd Rouse without Refinince mon the Abrat. as 50 to 6.1; But December 10 Heart September 11 Heart September 11 Heart September 11 Heart September 11 Heart September 12 Heart September 12 Heart September 12 Heart September 12 Heart September 13 Heart Septe

Force of the Hiers?

This Weight is five Ounces, whose the Byers of the Heart is Junied spale to the Weight of Junied spale to the Heart is Junied spale to the Weight of Junied spale to the Heart is Junied spale to the Heart is Junied spale to Ounces, which the Imendment on them among the Heart is Junied to Ounces, which the Imendment to the Heart and the Junied to Ounce, which the Force of the Heart, a the great Falling is whole Chicalisius Dr. Krill asks to artic from his in which Chicalisius Dr. Krill asks to artic from his in which the Heart Is the Heart

HEA it does now, the Blood nerver could at first lie part in Morth timb by the Heart. If the Blood continuity moved forwards with the bloom felf commissioned to its and did the limit between the Heart could were the part of the Blood will not be entraded by the searches, and the Perce of the Blood will not be entraded by the searches, and the Perce which is part in discontinuity of the Blood will continue the part of the Blood will not be entraded by the search, and the Perce which is part in discontinuity to the Blood will not be a first Time they were not the Miston to I made with a first Time they would be continuity increasing; if lefe, it would continuelly varied be continuity increasing; if lefe, it would continuelly would be continuity increasing; if lefe, it would continuelly would be continuity increasing; if lefe, it would continuelly would be continuity increasing; if lefe, it would continuelly would be continuity increasing; if lefe, it would continuelly would be continuity increasing; if lefe, it would continuelly would be continuity increasing; if lefe, it would continuelly would be continuity increasing; if lefe, it would continuelly would be continuity increasing; if lefe, it would continuelly increasing; if lefe, it would continuelly increasing; if lefe, it would continuelly would be continuelly increasing; if lefe, it would continuelly increasing; if lefe, it would continuelly increasing; if lefe, it would continuelly would be continuelly increasing; if lefe, it would continuelly would be continuelly increasing; if lefe, it would continuelly increasing; if lefe, it would continuelly would be continuelly increasing; if lefe, it would continuelly would be continuelly increasing; if lefe, it would continuelly would be continuelly increasing; if lefe, it would continuelly would be continuelly increasing; if lefe, it would continuelly would be continuelly increasing; if lefe, it would continue the left left with the left left left with the left left left left with left left left left left left lef

Blood.

Now, it is demonsfirable: 1*. That the Motion whereby a Bulbow Minchine, unequality contractine, does at it in Constant and the Consta of the Exit of any transferris Sections of all the Threads of Water, forevally multiplied into their regicievic Leaghts and Velocities: Whence is follows, that the Motion of the Water is equal to the Exitems of the Witer Indiago act at Water indiago at the Exitems of the Witer Indiago at at-langed Thread and the Broste. If lence, allo, if there he feveral field Mexicines fall of Water, and concreded alice, whether quality or unequality, the Motion of the Water, burling out at the Orifice of use of frem, will be in a Ratio compounded of the Quadruple Ratio of any homo-logous Dimerce of the Mexicine, and the evogenced Ratio

logous Diameter of the Michine, and the receptoral Ratio the Time wherein the Contraction is effected.

or the Time wherein the Contraction is effected.

From the Energy of the Reserve o the I'lme wherein the Blood would be turrown out of the Heart, were the Refullace of the Arteries and antecedent Blood removed, 7 5 the variable Velocity, wherevoit a Blood would flow turb the Arterio, (if the, Refullance were variable Length of the Arteria, pales over by the Blood, 2 5 and the Time wherein the South x is run, 5.— The mean variable Velocity of the Blood contiguous to the Ventrick, or the mean Velocity of the Ventricle it felf will be = 100; the Motion of the Ven-

tricle, $= p \times \frac{r v}{r}$; the Motion of the Blood iffuing out, = sux 1+x ; and their Sum, or the Force of the Ventricle, = $sv \times \frac{p}{s} + l + s$. But, $v = \frac{s}{s}$ whence, by

the Heart, quam proxime.

2º That the Motion communicated to the autecedent

2º That the Motion communicated to the autocontext Blood in a Syldole, is to the Morion communicated to the Coast of the Arcetes, as the Time of the Syldole is to the Time of Dislole. Whence if, with Dr. Keil, we fuppois the Syldole performad in one third of the Interval Event to Palles, the Motion communicated to the antecedent Blood will be j of the whole Motion of the Hearts j and that communicated to the Arcetics §.

that communicated to the Aerorica §.

§ In different adminuls, the Force of the Hours is in a Ratio compounded of the Quadruple Ratio of the Dia-Ratio compounded of the Quadruple Ratio of the Dia-Ratio Compounded of the Ratio of the Weight either of the Hours, or the whole Asimal, the their politicate Ratio of Hours, or the whole Asimal; the their politicate Ratio of the Hours, and the Hours,

Hearts

HEARTH, Focus. See Fire, Chimney, &c. Hearth-Money. See Chimney-Money. Hearth-Stones. See Fire-Stone.

Heary Google, See Fire-Stone.

Heary Google, one of the primary Qualities of Bodies; opposed to Cold. See Quarter and Coln.

Or, Hear may be defined a Phylical Being, whose Presence is known, and its Degree measured, by the Expansion of the Air, or Spirit, in the Thermometer. See There-

MOMETER. Heat is properly a Senfation, excited in us by the Action of Fire: Or it is the Effect of Fire on our Organ of Feeling. See SENSATION and FIRE.

Fecling. See Sensation and First.

Hence it follows, that what we cill Heat, is a particular idea, or Modification of our own Mind; and not way Thing exiling in that Form in the Body that occasions in — Heat is no more in the First that Durin the Needle that pricks it.— In Effect, Heat, in the Body that given is, it only Motion; in the Mind, only a particular idea, or Diffication of the Soul. See In East.

Heat, with Refpect to our Smitzine, or the Effect produced our by a box Booky, is ellimated by its Relation to the Cogna of Festing, pan Object appearing to be between the Fine Fine Fine Collinger professer of elliforest Times to the form Perform, final appear both Har and Gold. Hear, as it estims in the box Booky or that which conflicted many of the Company of th

by the Philosophers. - Some will have it a Quality, others a Substance, and others only a Mechanical Affection, viz.

Arifette, and the Peripatetickt, define Heat a Quality, or Accident, whereby homogeneous Things, i.e. Things of the fame Nature and Kind, are collected or gather'd together; and heterogeneous ones, or Things of different the fame Nature and Kind, are collected or gutherd un-generics and heterogeneous ones, or Things of diffrant Nature, feeted for dil-numed. — Than, fays be, the fame that the second of the second of the second of the that the second of the second of the second of two Menta before mixed regretation the Franches of two Menta before mixed regretation to the Franches was Menta before mixed regretation. But, the city the produces, is fastly a Farl that, the docutioned to Screenity, Copper: And, on the contextry, if Ferred Quantities of God, Silver, and Copper, be put fugurately in a Valid over a Farn provided into a Min thereby, will be mixed and congengend into a Min thereby, will be mixed and congengend into a Min thereby.

In Effect, Heat cannot be filled to do either this Thing or that university; but all in Efficish depend on the Circumitation of Application. —Thus, to do the fine Troug in different Booley, different Digrees of Heat are to Troug in different Booley, different Digrees of Heat are to the Circumitation of the Heat Company of Heat Fifther are the are webenerate fire final have opposite Fifther are "Then a vebenent Fifther Intellection Company" of Heat Company of Heat Compan

a fix'd sichine Solf, and Other Corpoglanteraus, define Heat The Epicarona, and Other Corpoglanteraus, define Heat The Epicarona, and Other Corpoglanteraus, define Heat Pepersy thereof, the fame, in Reality, with it, and only difficultied thereform in the Mainer of our Conception. Heat, then, on their Principles, is no other than the volutic Subthance of Frei field; reduced into Atoms, and emitted in a continual Stream from ignited Bodiers fo as not only to ourse the Object within ter reach, but also,

ant only to earne the Objek within its reach, but also, if they be inflammable, to kindle from, turn them into Errs, and confries with them to make Patane.

Bern and confries with them to make Patane.

The Charlest and the Patane.

While yet consult within the Species of its Foundation of the Species of its Finne, by their Metion confiltree Fire; but when find, or got beyond the finant, and diplered every Way, for a species of the Finne, by their Metion confiltree Fire; but when find, or got beyond the finant, and diplered every Way, for a preciously by the Fettlags, they take the Demonstration of Hart; a infinited as they sill confile in the the Species of the Patanese Theorem and the Species of the S

and Blood. So Hean's and Bloom.

Our lated, and the Wieters of Mechanical, Experimental, and Chynical Philodophy differ very confidentibly house Hest.—The findmental Difference is, whether it is a specific produced by the produced mechanically in other Bedies, by inducing an Alteration in the Particle thereof.

The furner, which is as antient as Democrating, and the System of Among had given by you that of the System of Among had given by you that of the Careplans and other Mechanicals between the great the control of the Careplans and other Mechanics by the now with great Wieters. See the Careplans and other Mechanics by the now with great where the control of the Careplans and other Mechanics by the now with great where the control of the Careplans and other Mechanics by the new with great where the control of the Careplans and the Mechanics by the new with great where the control of the Careplans and the Mechanics by the new testing the control of the Careplans and the Mechanics and the Careplans and t Writers, particularly Homberg, the younger Lemery, Grave-fande, and above all, the learned and industrious Borrhagge. in a Course of Lectures expressy on Fire; the Result whereon
we have already laid down under the Article Fire.

we have sheady hid down under the Ariscle Flass. The Thing we call first, according to this Author, is a The Thing we call first, according to this Author, is a three three three three three three three three to the three three three three three three three three to the three The Tite, the contents, is diffitted equally every where, This Tite, the contents, is diffitted equally every where, the three three three three three three three three three Space, whether void, or political by Bodies, but that naturally, and in it fill, is peritfully hands and propercyptics, and is only different by certain Effect, which it produces, This Effect, we flow the three three three three three Three Effects we flow the three three three three three three Three Effects we flow the three th

and which are cognizative by our Senies.

Thefe Effects are Heast, Light, Colour, Rarefaction and Burning; which are all Indications of Fire, as being none of them preducible by any other Caudic. So that wherever we observe any of these, we may fafely infer the Action and Perfence of Fire.

But, tho' the Effect cannot be without the Caufe, yet the Fire may remain without any of theft Effects, any, we mean, groin erough to affect our Senfes, or become Objects thereof: And this, he adds, is the ordinary Cafe of there being a Concurrence of other Circumfitners, which are often wanting, necessary to the Production of fush fenfible Effects,

are often wanting, meeting on the Prediction of finds feedings. Biffically, it is, that we forentise find feveral, and flowermers all of their Effects of Five together, and formermer as a comparable with any others; according to the property of the prope

Thermometer, in the Night Time, without either Heats of Tagin, Ge, early and the Heat of the have a Dopendance on other concurring Circumfiances; fome more, and others left. — One Thing forms to be required in common to them all, with this like the coloidates of where capably difficile, it could have no more Effect in one Flace than another, but multi-chire be difficied to warm, where does more control to make the capable of the control where does not control to make the control of the control of the capable of

where equalsly diffried, it could have no more ERG in one Place than acceptancy better mit either the ellipsed to surra, one Place than acceptance to the ellipsed to surra, where does amount to no where; for to have the fines Hart, &c. in every Place, would be to have to Hart and the ellipsed the surray of the ellipsed to the Mind diffrigulis in in Stune, and become confines of the Mind diffrigulis in in Stune, and become confines of the Things that deversity in. So can related Receiver, we from grow families of the Load. Ways. The first, as by higher hind over an exhausted Receiver, we foun grow families of the Load. Ways. The first, as the large that the development of the ellipsed that the strain of the training of the ellipsed that the

kindle into Flame.

kindle into Flame.
Thus much for the Creambase in Heat, common to Thus much for the cere and the common to Creambase of the cere and the Creambase are virious: Thus, for it to warn, or it be board, to give the Education of it, in necessary that there he muse Fire in the day Body, or Thing, than in the ten muse Fire in the day Body, or Thing, than in the most part is now any new State agon in Approach, are have any new Most on the part into any new State agon in Approach, are have any new Most of the Fire in the extremal this obtainty, or J. if there he left Fire in the extremal

This is is that a Man coming out of a har Bath, into a moderately warm. Air, forms as it he were got into an executively cold Place; and another centring a Room fountly warm, in a very pincing Day, will as fell sizes of the state of the state of the state of Host does by no Mean defined appears, that the Small of Host does by no Mean defined appears, the Small of Host does by no Mean defined appears, the Small of Host does by no Mean defined appears, the Small of Host does by no Mean defined places, the Host being and certaral Pire.

As to the Circumstances necessary to the First proceeding, Lighty, Batting, Raretachen, Gr. Ster Linery, Burning, Raretachen, Gr. Ster Linery, The Manufacture Marine Manufacture and Company of the Manufac

theoret Laphy, Barming, Rawfelchen, &C., See Leivir,
The mechanical Philosophera, practically my Lord Zason,
Mr. Boyle, and Sir Jiase Neurosa, look on Hest in another
Laphy. — They do not concaver it as an original inhormalaphy. — They do not concave it as an original inhormalaphy of the control of the control of the feley of the control of the control of the feMy Lord Zason, in an expect Perasti de FormaCalida, écoloco, from a particular humanosimo of the fe1. "That Hest is Mostion; Not, that Moston generate
Hest, or Hest Moston; thou in many Cafes, this be true;
Boyle, that the very Thing Hest is very Moston, and norbing
Carsanifances which conflicts: it Hest.
Garnafences which conflicts: it Hest.
As a: "That it is an expanire Moston, whereby a
Dody rederevant to illine or bretch into a large Dimenya." That this it is an expanire Moston, whereby a
Sy. "That this expanire Moston is directed rowards the
Geromirence, and at the finen Time upwards; which
with the companies of the control of the control of the conpart in hearts."

1. "That Hest a new flow Moston is directed to most the very
learn the true as from Rob design greekle in the Fire."

2. "That this expanire Moston is not equable, and of the
learn the true as from Rob design greekle in the Fire.

3. "That this expanire Moston is not equable, and of the

4. "That this expanire Moston is not equable, and of the

4. "That this expanire Moston is not equable.

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4.* That this expansive Motion is not equable, and of
the whole, but only of the finniter Particle of the Body's
of the finniter Particle of the Body's
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In the Motion is very rapid.

In the Motion where the Motion where the Motion,
with forme Rapidity, towards the Circumference, and at
the finner Them formed as their queries, and at the finner Them formed in the Motion of the Motion of the Motion

you can centre a Motion whereby it final expand or dilate
it fell; and on the represent addition this Motion upon it often in the

Distriction final part proceed uniformly, but
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control of the Motion generate Heat.

This Doctrine, Des Carres and his Sect adhere to with This Doctrine, Des Carres and his Seft adhere to with fome little Variation. — According to them, Heat confiss in a certain Motion, or Agitation of the Parts of a Body, like to that wherewith the feveral Parts of our Body are agitated by the Motion of the Heart and Blood. See

CALIDIM

CALIDM.

Mr. Beyle, in a Treatife of the Mechanical Origin of Mr. Beyle, in a Treatife of the Doctrine of the Heat and Colsi, thremostly fupports the Doctrine of the Producibility of Heat, with new Obfervations and Experiments: As a Specimen, we fittal here give one or two. In the Producion, favs ke, or Heat, there are Parient, but Morion and its natural Effects. — When a Smith befully Morion and its natural Effects. — When a Smith befully In the Prediction, type as of Juries, these agrees as a Micros and its natural Effects.— When a Smith Bridgy humans a final Direct of Iron, the Menl thereby becomes every similar to the prediction of the Iron and Iron a

Object than in the Organ, it will raise as idea of Cold, Stroke, being anable to drive the Nail further on, or break or Chillishef.

Thus it is that a Man coming out of a hor Bath, into imfile Commonton of the Parts among themses, and a moderately warm Air, forms as if he were got into an wherein the Nature of Host coalits. Med. Powleth. of Heat and Cold.

of Heat and Loss.

That Heat, fuys the fame Author, is mechanically producible, appears probable from a Confideration of its Nature, which feems principally to confid in that mechanical Property of Matter called Motion; but which is here fullped to three

tions or Modificati

Conditions or Medifications.
Field, the Against on of the Body and be Field, the Against of the Body and be Field, the Against of the Body and be Against the Agai First, the Agitation of the Parts of the Body must be vehement. — For this diffinguishes the Bodies faid to be hor, from those which are barely fluid. — Thus, the Par-

at cent of colpuses results was takine 3 nor than two yamne as cent of colpuse results was takine 3 nor than two yamne tries, if the Head of the Still be taken off, the afconding Vapours will centh live from a Cicable, and turn into the colpuse of the colpuse o

es ay other Guid? — Thus, San Water, in Sucretary of Colored C

position? I know no Body lefs apt to finine than Water; and yet Water, by frequent Diffillations, changes into fix'd Earth; which, by a fufficient Heat, may be brought to finine like other Bodies. Id. Ibid. Add, that the Sun and Stars, according to Sir Iface Neuron's Conjecture, are no other than great Earths ve-hemently heated: For large Bodies, he observes, preserve Accurate Acongetors, see no visite than great Learn's re-tended that the country of the country

mediplem, does not easily be best feedble Flame.—Their mands for the Nyllem of the Protesticity of Hast. On the other Hand, M. Hunderp, in his Tight do Ellemant, Sulphun, which is furpride or of the finite primary, pre-estitive Ingordinate of all natural Bodies, is real first, and conflicuently that first is covered with Body. Do: So Gravefunde goes on much the fine Principles First, according to thin, eaters the Composition of all Depression of the Composition of the Proposition of the Composition of

Post. T. H. C. I.
A Body is only fenfibly bot, when the Degree of its
Heat exceeds that of our Organs of Senfe; so that there
may be a lucid Body, without any fenfible Heat; and
confequently, as Heat is only a fenfible Quantity, without
any Heat at all.

sour files x is all.

Hest, in the hot Body, fays the fine Author, is an Agistation of the Parts of the Body, made by Menza of Agistation of the Parts of the Body, made by Menza of the part of the Body, made by Menza of Hars in our Minds: So that Hest, in Refrect of us, is nothing but that folks, and in the bar Body nothing better that files, and in the bar Body nothing but that folks, and in the bar Body nothing but that the same in the same in

in aftering this abfolute, and ingenerable Nature of Fire; but he extends if further. — Not contented to confine it as an Element to Bodies, he endeavours to flow that it is equality diffield throid 31 Space, is preflent in all Places, in the void Spaces between Bodies, as well as in the infandhle Interflices between their Parts. Mann. de P. Med. A. N. 3755. See Erina.

This last Sentinens falls in with that of Berchaure show chieved; — It fewn cattrayens to talk of bestign cold Linguage with les; yet Mu. Style affare us, he has cattly due; by plange of a Ba Grand of the Control of This last Sentiment falls in with that of Boerhaave

There is a great Variety in the Hear of different Places, and Scafons. — Naturalitis commonly lay it down, that the nearer the Centre of the Earth, the hotter it is found; the nearer the Center of the 2017s, the dotter is women; but this does not hold firstly tree. — In digging Mines, Wells, &c. they find that at a little Depth below the Sarface, it feels cool; a little lower, and it is yet coder, as being now beyond any Reach, so Influence, of the Sau's Mays, informed that Water will freeze almost inflantaneous that the same support of the Sau's the Sau's same support of t

as freedy now beyond any touch, or financies, or the done-outly, and hence the Use of lex-lifest, &C. but when a little lower, sin, about 50 or 50 Feor deeps, it begins the dopper by 50, fill the great of the Henry 11 to legis the dopper by 50, fill the great the Henry 11 to legis the dopper by 50, fill the great the Henry 11 to legis the dopper by 50, fill the great the Henry 11 to legis to legislation grows different, which they conduct as a central Sam, and the great Principle of the great the Henry 11 to legislation of the Henry 11 to legislation of the Henry 12 to legislation of the Henry 11 to legislation of the Henry 12 to legislation of the Henry 12 to legislation of the Mines in the Life of Minester, of a Virtuile Kind, dept up in large Question, in ferreal Ports of English, which they have 11 to legislation that the present the Minester of the Henry 12 to legislation of the Henry 12 to legislation of the up in large Question, in ferreal Ports of English, which is the state of the Henry 12 to legislation of the Henry 12 to legislation of the spinol to take 12 to legislation of the Henry 12 to legislation of the part 12 to legislation of the Henry 12

by the hare Estitation of common Water will grow to hot, as almost to take Bire. as you aftered high Monnaists, the An the other Hand, now pletching and Cold a 'Thus the Tope of the Pine de Theide in Bohemus, the Pine of Towarff, and feveral others, even in the most fultry Countries, are found eternally invested with Snow and Ice y the Heat never being fulficient to thaw the fame. In forme of the Monantists of Party there is no fush, Thing

In fome of the Monnaise of Ferry there is no fielt Yaling a running Marth, but all lex p Planss make a Shift to a running Marth, but all lex p Planss make a Shift to five Veperable can live, not for Want of Food, but their be incenfired to of the Colat.—This Effect is arribased to the Thinness of the Air, and the little Survice of Earth termined into a Parallelliffin, but the Effect of direct perallel Rays is found, by Computation, to be very inconfiderable; this Effect of Collect Parallelliffin, but the Effect of direct perallel Rays is found, by Computation, to be very inconfiderable; this Effect of Collect Parallelliffin, but the Effect of direct perallel Rays is found, by Computation, to be very inconfiderable; this Effect of Collect Parallelliffin, but the Effect of Coll

Hart, in Gorpuly,— The Directify of the Hart of Clima and Sudon, arties from the different Angles, under which the Sun't, key tithe upon the Earth's Surface which the Sun't, key tithe upon the Earth's Surface. It is therein in Michanicks, that a moving Body, thirling perpendicularly on months, rathe on it with all in Every Person, the more it devines from the perpendicular.— Now, Fire, morein, in right Linus, much obeyre the fine Mechanical Law at other Bodena, and confequently in Indicates: And those Fire, firthing on any Offshire in a Direction parallel thereto, has no feetible Effect, by Reference of the Company of the Rest of the Hart of the Hart of the Rest of the Hart of the Hart of the Hart of the Rest of the Hart of the OUND Motion.

voum Adries. Planky give a multematical Compression Hence, Dr. Hanky give a multematical Compression Hence, Dr. Hanky Give a multematical Commence and Commence, going on this Principle, thus the finiple Action mates, going on this Principle, thus the finiple Action of the Sans as all other Impalled on Struckes, is more or left Surchies, according to the Sans of the Angles of Incident Commence and Commence

Surface of the Barth will be to that, as the Sine of the San's Altitude at any other Time.
Hence it follows, that the Time of the Continuance of the San's Altitudes recrebed thereon as Perpendiculars; and a Gurve dawn through the Extremites of this Fer-pendiculars: The Arta comprehended will be proportionate on to the Collection of the Lifes of all the Son Beams in

that Space of Time

that Opace of Time.

Hence it will follow likewife, that under the Pole the
Colicition of all the Heat at a recipical Day is reprosentence
as a locar's of the Consequence of the Colicition of all the Heat at a recipical Day is reprosented
to the State of the Consequence of a Checky, that is, the
Sine of a J Degrees and an half, being nearly if of Radian, as
a fa into a 1 Hours or, the Polar Liveria is equal to that
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is removed, and particularly in the Air; under the Equi-noctial the 12 Hours Absence of the Sun does but little

diminish the Monion imperied by the past Action of his repeated the past condition, before he sifts agains a best under thesephin Hast condition, before he sifts agains a best under the secretary of Cold does obtain, bart for child the Alis, that is it, as it were, frozen, and cannot, before the Snn has got far trowneds it, he army Ways fashible of the state of the secretary of the second properties. It is all repertual Fogs and Milition Add, that the differing Degrees of Hast and Cold in

and personal Togs and Mills.

Add, that the differing Dugwes of Hest and Cool in different Pleses, depend, in great Meeting, appen the Accident Stimules with Regate to Momentain or Valley, and the Cool of the C

As to Soils: A flony, fandy, or chalky Earth, 'tis known, reflects most of the Rays into the Air again, and retains but few; by which Means a confiderable Accession of Heas

but few j. by which Menns a confiderable Accellen of Heat is deviced to the Air; a, so, on the country, black ones for the Air; and the contrary, black ones for the Air; and the Air; and

The following Table gives every tenth Degree of Lati-tude to the Equinoctial and Tropical Sun, by which an effimate may be made of the intermediate Degrees.

Lat.	Sun in	Sun in	Sun in
0	20000	18341	18341
11	19696	20190	15824
20	18797	21737	13166
30	17321	22651	10124
40	15321	23048	6944
50	12855	22991	3798
60	10000	22773	1075
70 80	6840	23543	000
	3473	24673	000
90	0000	25055	000
		l.	1

Whence are deducible the following Corollaries:

Whence are delauble the following Cordilaries.

**T. That the Equalitial Heat, when the San becomes varietal, in a twice the Square of the Endour. Which may be sufficient to the Square of the Hadisa: Which may be referred Color.

**That under the Equalication, the Heat is as the Single Color.

**That in the Highl Zone, when the San fitt now, the Heat is as the Greunfurces of a Orde issue that San for the Hadisan that the Color of the Heat is a the Greunfurce of a Orde issue the Single Latinda, theft Aggregates of Warnfur, are as the Sines of the Declination, since of as the Latinda that the San for the Declination for the Hadisan of the Potentian Sines of the Latinda ten the San of the Declination Sines of the Declination Sines of the Potentian Sin

the Coultine of the Latitude.

5- In all Places where the San fets, the Difference between the Summer and Winter Heasts, when the Declinations are contracts, is equal to a Circle into the Sine of the Altitude at 6, in the Summer parallel; and confequently those Differences are as the Sines of Latitude into, or multiplied by, the Sines of Declination.

note, or manapiect by, the ones of Decinistion.

6. From the foregoing Table it appears, that the Tropical Sun, under the Equinocital, has of all others the leaft Force: Under the Pole it is greater than any other Days Host whatever, being to that of the Equinocitial as

5 to 4. The man the Table, and thefe Corollaries, a general idea may be concived of the Sum of all the Articus of the Sun in the Grown of the Corollaries of the Sun and th HEAT, is usually divided, by the School Philosophers,

into Actual and Potential.

Allust Hear, is that which we have been hitherto fpeaking of, and which is an Effect of real, elementary Fire. Potential Heart, is that which we find in Fepper, Wine, and certain chymical Preparations, as Oil of Theoretic, Bandyl, Quidelone, C. Son Forevard, Company, Quidelone, C. Son Forevard, Company, Canada, Canada, C. Son Forevard, Company, Company, C. Son Forevard, and Canada, C. Son Forevard, C. Son Forev

from an Antipernatans. Soc ANYIPERISYASIS.

The Epicaresus, and other Copydicalersons, attribute even potential Heat, to Atoms or Particles of Fire detained and lock'd up in the Borse of those Bodies, and remaining at reft therein; which being excited to Action again by the Heast and Mosflure of the Mouth, or by the Efficient of told Water, or the like Cault, bruk their lands.

Effusion of cold Ware, or the like Cards, breck their In-cidence, and discover what they are. Thus Doctrine is well illustrated by McZennery the promoting, in the influence of Ogici-clime, Regulase of An-parages, in the influence of Ogici-clime, Regulase of An-parages, and the Card of Angel of Angel of Angel 1³, That the Fire, which they inshibe in the Operation, makes a familie Addition to the Weight of the Body, announting formetimes to one teach of the whole; and, that during this Imperiomnose, it all the ratio all the prain-ticular Properties or Characters of Fire; as appears being, here where once for at Liberry again, it has all the Efficient.

other Fire.

of other Figs. test a Licery Agen, it has all the shock of Those, a flow, or filine flowly leng calcined, and Water Paul of its lound staticists, by its expected observable, and the shock of the shock Motion of 19th do continuite very greatly to its Elitch, yet the pertulant Figure of its Particula is to be considered the Subliance of Bodies, yet why floodd it have work that the Fluids in the fame Circumflances? Water, for In-itance, is a Fluid, whole Fluidity depends, as already of-thered, on Fire, and configuratily is lief fluid than Fire; and yet every Day. We middle in Bodies of all Sers, and yet every Day. We Fluidity, or any of the Froperitie that Characteristic is characterize it

without boding its Fuldity, or any of the Proportion that characterist at Nowater is from, be Moniso of its Pure in, doubtdeht, discontinued, and yet the Figure of the Partial Control of the Partial Partial Contr

Mb. Beyle codeswors to fet afide this Account, and full-times neckmist. Property via. a peculiar Tecture of Permit Human reckmist. Property via. a peculiar Tecture of Permit the Permitted of Permitted Permitted Permitted Permitted between the Particle of Fire addressing to the Quick-line, and that the Brildson of the Spirit upon Quick-line, predaced that the Brildson of the Spirit upon Quick-line, predaced that the Brildson of the Spirit upon Quick-line, predaced would have been. And, further, be found, that if could would have been. And, further, be found, that if could would be the prediction of the Spirit upon the would critic on manifelf fater, and of the Lump appear fwelled or broken, till fount four after; which terms to segue, that the Texame of the Line additional foundation. ticles of the Spirit of Wise late fome of its Pores, which were either larger, or more fit, without admitting it into

most numerous, whereinto the Liquor must be received, to be able suddenly to diffipate the Corpuscles of Lime into their minuter Particles.

their minuter Particles.
Thefe Phenomens, according to Mr. Beyle, feem to flew, that the Diffolition which Line has to grow better than the meaning that the best properties of the properties of queeching most of the first Atoms, furpoid to adher to Quick-lime, did not near for much weaken the Diffolition of the to Heart, as that Accels of the floritous Generality, and their Concature with their of the Lines and the properties, and their Concature with their of the Lines and the properties, and their Concature with their of the Lines and the second properties.

increased in other Plates, he appears reither to give into the Che, in other Plates, he appears reither to give into the Cheme Urging, that if initial of cold Waler, you quench the Line with hot Water, the Ebsell-ton will be, oftendines, far greater than if the Liquor were cold; which indeed might well be expected, how Water being much first than cold, faddeatly to perade the Body of the Lime, and heatily difficient, and feet at Liberty, the first yand faller form, wherewith it absumds. Liberty, the fiery and faline Parts, wherewith it abounds. And what a greater Interest Salas may have in producing such Hears than cold Water, he has also tried, by pouring acid Spirits, and particularly Spirit of Salt, upon good Quick-lime: For by this Means there would be a far genter Degree of Heast excited, than if he had used common Water; and this, whether he employed the Spirit

cold or hot.

It is not eafly, fays the fame Author, to apprehend how
fach light and minute Boffen, thould be fo long decinited,
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it. Mech. Org. of Heat.

Heat, in the Animal Occomomy, Natural Heat,
Vital Heat. See Calipum Innatum. See also Heart and BLOOD

and BLOOD.

HEAT, in Chymistry, Scc Fire and Bath.

Heat, in Smithery, Sc. Sec Iron.

Heat, is also used in Respect of Race-Hories, for the

Execution to be given them by Way of Preparation, Sc. See Horse.

Sec Hoasz.

Two Mear is week necessary and Manfare for Two Mear is made as a man step as for a mean the mean of the mean of the Mear is person in the mean of the Mear is a mean in the Mear is a mean in Mear is a mean in Mear is a mean in Mear is mean in Mear is mean in the Mear is mean in Mear is mean in Mear is mean in Mear is mean in Mear in Mear is mean in Mear in Mear

Heave and fet.

To HEAVE at the Capftain, fignifies to turn it about. See CAPSTAIN. To HEAVE a Flag aboard, is to hang it out. See FLAU, SIUNAL.

To HEAVE out the Top-fails, is to put them abroad.

TO HEAVE

Sec TON-MALE.

HAAT-Offeringt, under the Jewijh-Law, were the first Fruits given to the Prick. Sec Franz-Print.

Fruits given to the Prick. Sec Franz-Print.

Fruits given to the Prick. Sec Franz-Print.

Good Fact, wherein the Celefilal Bodies periors their Motions. Sec Elanzu, Ele.

This is the popular Notion of Henomy for the Word, it must be observed, has various other bless, in the Lamburgh and the Celefilal Bodies period to the Celefilal Bodies period to the Celefilal Bodies Prick Word, it must be observed, has various other bless, in the Lamburgh to Width, be must but down diver Henomer.

Universe, where he is likewise present. See Universe, OMNIPARENCE, &c.

This makes what the Divines also call the Beatifick

ifion. See Vision.

Authors are much divided as to the Reality of fuch Local Heaven. — In this Senfe of the Word, Heaven flands op-poiled to Hell. See HELL. The infpired Writers give us very magnificent Deferi-tions of Hewven, the Struchure, Apparatus, and Attendance thereof; particularly Haisig, and St. Fobs to Divine. — The Philosopher Pletre, in his Diel. de Anim. Speaks of Heaven in Terms that bear fo near a Refinalisace to those of Scripture; that Englisher changes him with bor-cowing his Account thence. De Prepar Designed, L. XI.

The antient Romans had a Kind of Heaven in their System of Theology, call'd Llysium, or the Llysian Fields. See Eursian Fields.

The Mahometan Heaven, or Paradife, is very grofs, agreeably to the Genius of their Religion. See Mano-

METANISM, ALCORAN, &c.

especially to the cornes of the second secon of Firm or Solid; rendering it by strauges, according to the Philosophy of those Times; in which they have been follow'd by the Modern Translators.

The later Philosophers, as Cartes, Kircher, &c. have easily demonstrated this Heaven not to be Solid, but Fluids; but they still Suppose it full, or perfectly dense, without any Vacuity, and canton'd out into fo many Vortices.

any Vasity, and cantord our fine for many Various, See Z-TILE, ACREMANNE, GE.

But other curv the Thing much farther, and overture more only the Solity, but the Impelled Elevatede of the Armonic only the Solity, but the Impelled Elevatede or Hannes or the Central Hannes would of almost all Refishance, and configurately of almost all Refishance, and configurately of almost all Refishance, and configurately from the Planest perfitting in their Motores the Contract fively puffing in all Directions towards all Parts of the Hannes See Raistrance, Panary, Court, Vorance, Geo.

Volves, Sc. Hadwar, taken in this general Senfe, for the whole Expanie between our Earth and the remotifi Regions of the fix'd Stars, may be divided into two very unequal Parts, according to the Matter found therein, vis. the Amoliphen, or Abriel Hasson, postfell by Air; and the Ariserial Hasson, postfell by Air; and the Ariserial Hasson, postfell by A. E. Hern Matter and Matter Stars and Matte dium, call'd A

Heaven, is more particularly used in Astronomy, for an Orb, or Circular Region of the Etherial Heaven.

an Oro, or Canada and Carlo and Carl Spherical, as being the most proper Form for Motion.
Thus they had feven Heavens for the feven Planets, or

Specifical, as being toe most proper form for Motion.
Thus they had leven Heavens for the feven Planets, vio.
— The Hawens of the Moon, of Moressy, Vouss, the
Sun, Mars, Vupiter and Saturn. See PLANET, See.
The eighth was for the fix of Sun, which they particularly called the Firmsmoons. See Firmmanners.

cularly call'd the Firmanuscut. See Firmanment. Firstoning sided a minth Heaven, which he call'd the Friennes Mebile. See Moritz.

After him was Cryffallurs Heavens were added, by King After him was Cryffallurs Heavens were added, by King After him was Cryffallurs Heavens were added, by King After him was to Cryffallurs Heavens were called, by King Motions of the other Heavens. And, littly, an Engipterna Heaven was drawn over the whole, for the Refidence of the Delity 3 which made the Number weeker. See Essten Delity 3 which made the Number weeker. See Essten Delity 3 which made the Number weeker. the Deity; v

FYRKAN, C.

The Crypicaline Heavent, were not supposed to have any Stars fixed in them: They incompated the inferior, Starry and Planeaux Heavens; and communicated their Motion to them.—The first shreet to account for that show Motion of the field Stars, whereby they advance a Degree Eastward in po Xurs; whence the Practical of the College Translation, Son De-RESSAU HEAVEN LABOUR TRANSLATION. Libration, or Trepidatiun. See Pracession, Libration,

Libration, of arepusations of prescription, parameters, according as their different views, and hypothetes required. — Endowns Supported as, Californ 50, Regionneutanus 35, Ariffeste 43, and Fracifior. — On the Afternomers did not much concern themselves whether the Heavens, they thus allow'd of,

were real or not, possible shop faved a Pappoli in as-feripus peat, thou from the Indian Manuferipus 3 then, with the peat of the Contillia Motion, and appold shole from the Private and India, thou of the Germany, and the Contillia Motion of the Germany of the Contillia Motion, and appold shop the peat of the Germany of the Contillia Motion of

In Strictnest, Heavy Bodies do not tend precifely to the very Centre of the Earth, except at the Poles and the Equator; by Reason of the fisheroidal Figure of the Earth.

— Their Direction is every where perpendicular to the Surface of Direction of the Poles of the

OUTRICE OF THE SPREAD, SEE HARTH AND SPHEROID.

HEAULME, or HEAMME, in Heridry, an Helmet, or Head-piece. See HELMEY.

HEWING of Timber. See Timber.

HEBRERMAN, in our antient Law-Books, a Fifterman below Lendow-Bridge; thus call'd, because to commonly fiftes ar Ebb Water. See Edn. HEBBERTHEF, in our antient Cuftoms, a Privilege of having the Goods of a Thief, and the Trial of him, within a particular Diffrict.

HEBDOMADIUS, antiently denoted a Canon, or Pre-bendary, in a Cathedral Church, who had the poculiar Care of the Choir, and the Infection of Officers of it for Week. See Canon, CATHEDRAL, and CHOIR. HEBDOMADEER. HEBDOMADARY, HEEDOMADARIUS,

ILLESTADRILLES, STEEDOM ADARY, HEEDOMAD ARTUS, a Member of a Chapter, or Convent, whose Week it is to perform the Office, rehearfe the Anthems and Prayers, perfide and perform the utila! Fundtions which Superiors perform at folernn Fesits, and on other extraordinary Occasions.

The Hebdomadeer generally collates to the Benefices which become vacant during his Week: Tho' this is usually look'd on as an Abuse.

The Word is form'd of the Greek, is Aust, which fig-The word is bother feven, of words, shadeat, which ngnifes the Number feven, of words, Seven. See Week.

In Monafteries, the Helsdomadary is he who waits at
Table for a Week, or other stated Period; directs and
affilits the Cook, &c.

In Church Antiquity, we meet with nine different Sorts
of Helsdomadeers, viz. — The Helsdomadarius Canton, or

of Höbbandeers, vin. — The Höbbandeerin Canner, or Höbbandeers Charry I Höbbanders Charry Cher Höbbanders Charry Höbbanders Charry Höbbanders Cher Höbbanders Charry Leichenders Charry Charry Charles Cha facri Altaris, which of the high Mass.

of the right states of the theorem of the theorem of the theorem of the theorem Tongue. See Interests, There is no Underthanding, even the Verficos of the Old Teflament, without fome Acquaintance with the Hebrew; they are fo full of Hebraijund.

We have Abundance of Hebraifins borrow'd from Scrip ture, and naturalized in our own Language; as, Son of Perdition: To fleep in the Lord, &c. See Herrew. HEBREW, fomething relating to the People of the Jews, i. a. to the twelve Tribes, defeended from the twelve Patriarchs, the Sons of Jacob. See Jaws. Thus we fay,

agracing, the dome of yacce. Deer I was I has we say, Herric Wibble. See Birli. Herric Worlder. See Character. There are two Kinds of Hebrew Characters; the An-eur, call'd also the Square; and the Modern, or Rabbinical Characters

binical Characters.

The System Hebrew, takes its Denomination from the Figure of its Characters, which fland more System, and have their Angles more exact and precife than the other. This Character is uted in the Text of Holy Scripture, This Character is uted in the Text of Holy Seripture, and their other principal and mod important Writings.

—When both this, and the Rabbinical Character, are uted in the fame Work; the former is for the Text, or the fundamental Patr; and the latter, for the accessory Patr, as the Gloß, Notes, Commencation, &c.

The best and beautifullet Characters of this Kind, are

those imitated from the Characters in the Spanish Manu-

SAMARITAN.

See SAMARYAN, or Rabbinical Hebrew Characher, is a good near Characher, form'd of the Synare Hebrew by counting it, and aertersching most of the Angels, or Control Theorem of the Conference of the Angels or Control Theorem of the Conference of th

Rebitivated Characher under every whose citi, the o'all more under time to Sparce Characher, but the German Characher, but the Granes Characher, but the Granes The Rebitat frequently make afte either of their own, we the Sparce Planes Characher, to write the modern to the Sparce Planes Characher, to write the modern to the Sparce Charachers. Instances when the Charachers is the Planes Rebitated Charachers, Instances when the Planes Rebitated Charachers, Instances Charachers, Instances Charachers, the Charachers of the Charachers, when the Language Ficks by the Hierery, whose it is also charachers the Charachers of the Charachers, and the Language Ficks by the Hierery, whose it is also charachers the Charachers of the Charachers, and the Charachers of the Charachers, who was the Charachers of t

Hebres.

Hébric.

Be this as it will, the Hébrew, fach as we have it in the Holy Scripaur, is a very regular, analogical Language, and particularly 6 in its Goignation. Percept's placinic particularly 6 in its Goignation. Percept's placinic in cash verb force or eight Vays, which has the Effect of for many different Compagation, and silvords a green Number of Experiment, whereby to reprefers, under one finely word, all the different Modification of a Verb green of the medical control of the by Phrases.

of the autices and learned Languages, are expectable only The Osiginal, or Printitive Woods in this Language, which they call Rediters, Roots, rarely consider of more than thirse Latency, or two Spillods, which are operated to the control of the

Vownz. * M m ra The Number of Accents is prodigious in the Hebreux.

—There are near forty different ones; and of thefe, there are feveral, whose Use is not well afectained, not-withstanding all the Enquiries of the Learned into that Marter.

Matter.

In the general, we know their there Things: 1: That they fire in dillinguish the Serence, may the they fire in dillinguish the Serence, and the serence of the ser

"As we have no Hebress, but what is consisted in the Sorieurus; that Lungsage wants a Weed of Weeds; so conj's je Restlo, in noder printive Times, the Lungsage of the Constant of the Constant of the Constant of the Constant of the Term that might be in the Language.

The Conlete, Spring, Libpity, Arisin, Son Language, The Conlete, Spring, Libpity, Arisin, Son Language, The Conlete, Spring, Rose are Dhiades of the Latin. See CARDER, STRIA, ARASIS, GE.

Relibrical Hearsw, or Hunnaw of the Relibring, or more than the Constant of the Constant of the Constant, Strian, Arabit, Ge. R. Raisin, Charles, Spring, John Constant, Strian, Constant of the Const

eminged and carneled, Absolance of Things they have borrowled from the Archie . The red is chiefly composed of Words, and Expectition, during the contract of the contract of the contract of the contract of the Transpar, particularly that ploca in the Elece where can't Rabbin lived or sween, must be allowed a very co-posed to the contract of the contract of the contract foliates, L. III, C. 2-, cofferen, that there is faces any They have transfer of the contract of the contract foliates, L. III, C. 2-, cofferen, that there is faces any They have transfered noted of the contract Publishers, Mathematicians, Afterconters, and Physicians; and have even Octives and Proce. Add, that this Language, over-withflanding 'tis for crowded with foreign Words, has in Because visible councils in the West 2- of their who have Because with company in the West 2- of their who have wrote well.

December 1. The control of the color is been as we wanted to the color is been as we wanted to the color is been as we wanted to the color is been as we will be color in the color in the

HECATOMB, HECATOMBES, in Antiquity, a Sacrifice of an hundred Botifs of the fame Kind, at an hundred Altars, and by an hundred Priefts, or Sacrificers. See

SACHIFICE.

"Pythogorat is faid to have facrificed a Hecatomb to
the Marie, of a hundred Oxen, in Joy and Gratitude, for
his differencing the Demonstration of the 47th Proposition
of the Firlt Book of Euclid, vis. that in a rectangled
Triangle, the Square of the Hypothensis is equal to the
Squares of the two other Sides. See Hypothensis.

The Word is form'd of the Greek, infune, which pro-perly fignifies a fumptuous, or magnificent Sacrifice. — Others derive it from the Greek instity, Centum, a Hun-

Others derive it from the Greek legin's, Centum, a Muc-dend, and staff, Ray, Bulled, etc. On which Feeding, the Hesterstain Housel be a Sucritic of an hundred Ballocks. It was a supplied to the Control of the Control for the Control of the Control of the Control City field to facilities a Bullock every York, for the com-mon Surky of the Control y Mexics and that exhibit City field to facilities a Bullock every York, for the com-mon Surky of the Control y Mexics and the Control Facilities. Others refer the Origin of Hesterstain to a Plangus, wherevolt he hundred Galine of Polylogolity was said and the Control of the Control of Polylogolity was said to the Control of the Control of Polylogolity was said to the Control of the Control of Polylogolity was said to the Control of Polylogolity was also said to the Control of Polylogolity was also said to the Control of Polylogolity was a supplied to the said of the Control of Polylogolity was a supplied to the said of the Control of the

it did not matter what Kind of Beath were choic for Victima, provided the Quota of Feet were but had.
Yet films of prisionar relaces, that is a Heatenach shay creded as hundred Altar of Tarf, and on their facilities when the proper of the Strickies of the Stri

MONTH.

The Athenians had a Sacrifice of the fame Kind, ofered yearly to Mars, called Hecatomphoneuma, of light's Centum, and costom, of costom, accide, I kill , and that of Centum, and governe, of govern, occide, I king and that of governments, the CATOMPHONIA, was an antient Sacrifice among the McGenians; office'd by such as had slain an hundred Engines in Battel. See Sacarpres.

Paufanias makes mention of one Ariftomenes of Corinth,

who offered no lefs than three Hecatomphonia.

The Word comes from torne and passing, I kill.

HECK, among Husbandmen, a Rack; at which Hories

HECK, among Hushandman, a Rack; at which zeroes are fed with Hay.

Ref sell with Hay.

Confumption. See FEVER.

The Helie is alin an Attendant of a Confumption and is reputed one of the Diagnostic Signs thereof. See Consumption and PHTHISIS.

The Word is Greek, is just, form'd of its, Habitus; a Quality hard to separate from its Subject.

a. Quality hard to feparase from its Subject. The Hellin, Dr. @hings obferrea, is the Reverfe of their Fevers which arile from a Phelotory, or too great a Subset from Oblivation. This being structed with larly those of the Salan, whereby fo much mus off, salary those of the Skin, whereby fo much mus off, salary to them fulfilliance crough in the controlle Vietle to keep them fulfilled the property of the Salan, whereby them fulfilled the property of the Salan whereby the salary of the Salan where the Control of the Salan whereby the salary of the Salan whereby the salary of the Salan whereby the

and hot. and hot.

The Remedy confifts in giving a firmer Tone to the Solids, and laying more Load upon the Fluids, and thus biringing them to a better Confilence; which is effected by Means of Balfamicks, Agglutinans, and Foods of the best Nouriflment. — All Evacuation herein is had.

A Milk Dier, is much recommended in Hellicks, and

A MIR Diet, is much recommended in Hellerks, and particularly Affes-Milk, as being the leaft wifeld and heavy, Dr. Resparat propoles Batter-Milk as a Succedaneum to Affes-Milk. According to him, it answers most of the Indications in this Cafe, as it cools, modifiers, neutriley, &C. He adde, that he has known many Perfors cared of obtinate Hellineks, by a continued Ufe thereof. See

ANYTHEOTICES.

HEDAGUM, antiently Sgaffed a Toll, or Catlom, paid at the Hyth, or What, Ger, for landing Morchandiac, Goods, Ee. See Winas, Hvrin, Ger. From fach Toll, or cultomary Daty, Exemptions were Conceimen granted by the Sovereign to particular Perfox.

Societies. 'The Word is form'd from Heda, a Hyth, Port or

HEDGE, in Agriculture, &c. a Fence, inclosing a Field, Garden, or the like; made of Branches of Trees inter-woven. See Fence.

The Word is form'd of the German hay, or hang, or the Anglo-Saxon hegge, or heeg; which fignify fumply

Inclosure, Circumference

Incidente, Cicametereco.

Squickfet Heige, is that made of quick, or live Trees, which have nice it cost; in Connectimation to that made in the cost of the connection of the cost of the When the Hedge is eight or nine Yants growth, it may the Childrian; who, is hade Times, reckon'd their Yams be Hedge'd to this down; by grings the Shoots, or Sans from the Perfection of Disreptions. So Discourages as Zinches, a Cat with a Knife, or Bill, half three's and the Times another Jacobsen waveling it about the Stakes, and thrimming of the final left Emissence:——Medsburgt, in the 14th Yare of his hill?

weaving it about the Stakes, and trumming our use man imperflaces Branches.

Initiaed of Building a Garden Wall facing the North Eaft, Mr. Leverance advicts, that to fave Charge, &c. a Crab Tree Hoope of three Rows be placeted; which will be a good Mound, and quickly grow up to be a better Fence than a Wall against the West and South-West Winds, Fence than a wait against one wert and control which make the greatest Destruction in a Garden, and which blow two Parts in three of the whole Year: Beside the Sock of Fruit such a Hedge, grasted with Red streak, or Gennet Moyl, will yield.

Espalier Hedges. See Espalier.

Translatting of HEDGE-Rous. See TRASPLANTING. HEEL, in Anstomy, the hind Part of the Foot. See

Foor.

In Winter, the Heels are liable to Kind of Chilblains, call'd Kibes, which tend to Mortification. See CHILDLAIN.

The Bone of the Heel is called Galcaneums. See CALCANEUM

HELL of a Horfe. See Horse.

The Hes's fhould be high and large; and one Side not rife higher on the Paftern than the other.—The Differnpres incident to this Part, are feabbed Heels and Scratches. See Scratcura.

See SCALTCHIA.

The Held is properly the hind Part of the Poot; and has two Soles, where the Quarters terminate, or, it is the Charlest of the Charlest and opposite to the Time. See American the Quarters, and opposite to the Time.—Some narrow best²H Horite have high Helds, but for week and medor, that by prefilts the woo Soled or Held on engoind another, they will trafishly yield. See Hoor.

Held low, simult octor to the Partly taking it down within a Flinger's Breadth of the Concept, or Top of the Held, for an of paraset the Quarter, and by that Monas weaken and stafe away the Suddinate of the Poot, and The Held of the Hoffenson, being the Part which is The Held of the Hoffenson, being the Part which is

The Heel of the Horjeman, being the Part which is med with a Spur, the Word is used for the Spur it As, this Horfe understands the Heels well, See Arn

CORRECTION. To ride a Horse from one Heel to another, is to make him go Side-ways, sometimes to one Heel, and

fometimes to another

formetimes to another.

Haza, in the Seal-anguage.— If a Ship by on one
Haza, in the Seal-anguage.— If a Ship by on one
Haza, in the Seal-anguage.

Haza, of a Seal-anguage.

The Word Hegira, in its original Arabic, fignifies Flight; the Event which gave Occasion to this Epocha, being Makomer's Flight from Mecca.—The Magistrates of thar City fearing his Impoltures might raife a Sedition, refolved to expel him: This, accordingly, they effected in the Year of our Lord 622, on the Evening of the 15th or 16th

To render this Epocha more creditable, the Makon To roader this Epocha more cereditative, the Justiniary attrain affect to use the Word Hegger in a peculiar Senfe, for an Act of Religion, whereby a Man fortaken his Country, and gires Way to the Violence of Perfectuous and Enemies of the Faith: They add, that the Covalities being them the flrougest Party in the City, chilged their Prophet to fit, as not being able to endure his abstitution of the field, but if was the most difficult of the City of the Covaling of the City of the C

This Flight was not the first; but it was the most famous. It happen'd on the 14th Year from his assumed the Character of Prophet and Apostle, and promalgating his new Religion. See Manoseranism.

his new Religion. his new Religion. See MARIOMETANISM.

The Orientsids on on agree with us, as to the Time
of the Highest. Among the Mahometans, Amaffi faxes it
to the Year of Chriff 503, and from the Death of Majes1547: And Ben Caffent, to the Year of the World \$800,
according to the Greek Computation. Among the Chrifilans, Said Elin Batrik refers the Hegirs to the Year

from the refrecution of Dissessions. See Dissession A.r.s.

But there is another Hegirs, and the earlier too, the of lefs Eminence:—Mahomet, in the 14th Year of his Miffion, was obliged to reliaquish Medica: The Caraglabaire. aon, was obliged to relinquith Medinas: The Carafethaises had all along oppoided him very vigorously, as an Innovator, and Diffurber of the public Peace. Many of his Diffiples, not enduring to be reputed Fallowers of an Involve, defired Leave of him to abandon the City, for Fear of being obliged to reasonee their Reliption. This Recreat makes the first Higgirs.

Recreat makes the first Higgirs.

age call Hegiratan.

guing call Hagaratas.
The Word is Anabic, form'd of Finn, beginab, Flight, of 1373, to fly, quit ones Country, Family, Friends, &c.
The Years of the Hagara confit only of 354 Days.
To reduce thefe Years to the Julian Calendar, I. o. to find To reduce theef years to the Fullan Calindar, A. to find what Fullan Xear a given Year of the Hegira sindwess to 3 reduce the Year of the Hegira silven, into Days, by multiplying by 534, divide the Froduck by 365, and from the Quotient Indiffract the Intereskitions, i.e. as many Days

the Quotient habitrait the Interestiman, 2,7,20 man from an error growth and the second of the secon

HEIGHT, in Aftronomy in Aftronomy, &c. is more properly call'd

The Height, or Altitude, of the Sun, Sc. is an Arch of the Meridian, comprehended between the Sun, Sc. and the Horizon. See Sun, See.

To find the Meridian Heights of the Sun, Stars, See,

10 mm tae Meridian Heights of the Sun, Stars, &6.
See MearIntan Altitude.

The Height of a Star, is either true or apparent.—The
apparent Height is its Diffuser from the rational Herizon;
or, rather, it is the Height of a Star fuch as it appears.

The true Height is, what remains after the Refraction

The true Height is, what remains after the Rei has been fubliracted. See Refraction.

M. Pøreur fuggefts a new Method of taking Heights
at Set, by a common Watch. — "Its obvious, that in an
oblique Sphere, the Difference between the trifing and fetting of two Stars, on the tame Meridian, is greater, as
they are turther diffant from one another. See Renor

Now, the Aftronomical Tables farmishing us with Tables of the right Afcentions and Declinations of all the fix'd Stars; 'tis easy, after observing the Difference of Time Stars; 'tis eaty, after observing the Difference of Lime between the rifing of two Stars, to diffinguish that Part of the Difference which accrues from their different Poli-tion, from that which arities from the Obliquity of the Sphere. — But fush Difference is the pecific Height of the Pole of the Piace of Observation. See Pole.

the Pole of the Place of Otherwison. See Pour. Indeed, the Ship not being immovable, but changing Place between the two Observations; from to lay indeed, the Ship of the Pole of the Ship of the Pole of the Ship of the Otherwison of the Ship of the Otherwison of the Otherwison of the Ship of the Otherwison, the Indeed of the Ship of the Otherwison, the cut for the Otherwison, the Control of the Otherwison of

HEIGHT, in Grography, Navigation, &c. is properly call'd Elevation. Fee Elevation.

The Height, or Elevation of the Pole, is an Arch of the Meridian intercepted between the Horizon and the Pole. The Height of the Pole is always equal to the Latitude of the Place. See Latitude.

Height, in the Manage, Sc. the Statute of a Horfe, Sc.

C STATURE and HORSE.

See Stateman and Hoard:
It is a reparted Imperfiction in a Horfe, when fit too by the hor hand had been a seen too long it in the Logs are too long in the Logs, are too long in the Same Jockeys have determined, a Meetiner for them thus—Take a String, and measure from the Horfe's Withers—Take a String, and measure from the Horfe's Withers—Take a String, and measure from the Horfe's Withers—Take his Horfe's Withers—Take his Horfe's Withers—Take String, and what Length that is, the finance through the Horfe's Withers—Take Horfe's Withers—Take String, and the Logs of a Cali- are the Logs of a Cali- are Year old; being of Opinion that the Legs of a Colr at this Age, are as long as they ever will be. The Duke of Netwerfile, and Sir W. Hope, allow this

Hateurs, in the military Art, are the Eminences round a forfied Place, whereon the Armies utility post tentilities.—It is more had felted aft the Highest. Are HERR, Hersti, in the Grill Law, he who fucceds to the whole Eltitar and Hiffeld or another, whether by Right of Elocd, or of Tellament, See Succission.

The Inflitation of an Hier, is a Consultate needlay to the Violatity of a Tellament, See Therament coefficient on the Violatity of a Tellament.

An Herr Apparent, is he on whom the Succession is fo fettled, that he cannot he fet afide, without altering the Laws of Succession.

to tettich, what for Cammo, each attack, water the Market Performagneties, See Paraustrava Heir.
Heir Performagneties, See Paraustrava Heir.
Tike Word is form't of the Latin Herrit, of the Market Heir, in Common Lue, is be who faccode, by Kilger of Blood, to any Mark Lands, or Teomons in Perc.
Hirsi, in Common Lue, is be well received, by Kilger of Blood, to any Mark Lands, or Teomons in Perc.
By Common Law, therefore, a Man cannot be Heir to Goods or Chamthe, but Fer. See Fisch Interfession, the Rev. of the Perc. of th

Laf Helm, See Last Heir.

Hall Loom, in our Law-Books, fignify fuch Houshold
Furniture, as is not inventoried after the Owner's Decease; but Familiare, as is not inventoried after the Owner's Decease's but necediarily comes to the Heir slong with the Houle. Soe Hera. Heir Loom comprehends divers Implements; as Tables, Prifics, Cup-boards, Bed-Heads, Purnsce, Wainfore, and fuch like, which, in fome Countries, have belonged to a Houle for certain Defenus, and are never inventoried after the Decease of the Owner as Chattels are, but accrue by Coffon,

Decatic of the Owner as Chartels are, but accree by Cultom, on the youtmon Law, to the Hart, with the Host it fail, such by control Law, to the Hart, with the Host it fail, such between the Hart and Ha

Leader Elxai, or Helxeus.

Finder Distant, on Etherana.

The History condemn'd Virginity, and held it a Duty of Religion to marry. They taught that pful saint of the History of the Hi

Some will have it a Combination of two or three bat-Some will have in a Combination of two or three battering Rama, moving on large throug Whoch, rould over all covered with raw or wer Shine. It had feweral from formed much like the Underdoor Who Princer september. Within, was a great Number of Soldiers, who drove it with Force of Arma and by Means of Repay, vidently, Whithin was a great Number of Soldiers, who drove it with Force of Arma and by Means of Repay, vidently, with Force of Arma and by Means of Repay, vidently of Cohen, will have Heisphitia generical Nama, comprished-ing all their Michael used by the Antonia in the Section ing all their Michael used by the Antonia in the Science of Towns; as, among us, the Name Artillery includes of Towns; as, among us, the Name Artillery includes of Towns; as, among us, the Name Artillery includes of Towns; and does by we Means fall with those minuse Definytions given of the Half-feld in the among Williams.

The Word is Greek, inimass, compounded of the Words

The Word is Grish, ishinasis, compounded of the Words biss, is task, and stay, Giy.

The Investion of the Ibilityisi, and divers other military Melhons, is affected to Dissestrate, which, with the year Melhons, is affected to Tourstrate, which, with the Hint the Dowenination of Politerette, or City Taker.

HELIACA, in Androugy, Sacrifice, and other Solemantics, performed in Honora of the Sun; whom the Great call Billing, Sup. See Sun, Carcon, Ur.

HELIACA, in Athenomy.—The Herrican Afrika of a Sun; Planck Car, in the Herrican Afrika of a Sun; Planck Car, in the Herrican Afrika.

the Rays and Lustre of the Sun, wherein it was before hid; whether this be owing to the Reces of the Sun from the Star, or of the Star from the Sun. See Risena.

the systems on the content of the Accusate the last from the content of the conte

The Antients computed that a Star, between the Tru-picks, would be forey Days ere it got clear of the Sun's Rays, and become configueous again. Highes first made this Computation 5 and the reft follow'd him. The Period comes very near to the Computation of the Moderns: For the very near to the Computation of the Moderns: For the Sun advancing nearly a Degree every Day, it will be 20 Days approaching thereto, from the Heliacal Setting of the Star; and 30 Days more withdrawing, till the He-liacal Ring.

The Word is derived from the Greek, \$200, Sel, Sun.

HELLASTES, in advantage of the service of Magilietzes of Advers, continuing a Court of the Advers, or Judges, who took Cognissace of Civil Mattern.

The Court of Heisighet was one of the St. Civil Jurit-dictions of Atheras; and that to which Matters of the present Moment were usually brought; so that it was held the most confidenthe of all the Civil Tribunals, but the most confidenthe of all the Civil Tribunals. When were also be region before the Advisor the Indiana Man were also benegits before the Heising the Civil Man were also benegits before the Heising the Civil Man were also benegits the ministry of the Man with the Man and the Civil Man were also benegits the Civil Man were also benegits the Man and Man an before the Heliaftes.

before the Heliaffee.

White give a two E-ymologies of the Word & Some, Exp be, derive it from Body, Holoso, Som a and hold it the Some Heliaffee and the Some Heliaffee and Heliaffee a

towards the Centre of the Circle A 3 contitutes what we can the Helicial, or Spiral Parabola.

If the Arch B C, as an Abfeitif, be called w, and the Part C F of the Radius, as an Ordinste to it, be call'd y₃ the Nature of this Curve will be expected by the Equation of the Court of the Cou on I = yy. See Curve and Equation.

HELIOCENTRIC, in Aftronomy, is applied to Things which would appear to to the Eye, were it placed in the Centre of the Sun. See Sun. The Word is compounded of and, Sun, and xerrer,

HELIOCENTRIC Latitude of a Planet, is the Inclination of the Line drawn between the Centre of the Sun and the Centre of a Planet, to the Plane of the Ecliptic.

See Laylyum.

The Heliocentric Latitude of a Planet is thus determined.

— If the Circle K.L.M. Tab. Aftronom. Fig. 62. reprefent the
Orbit of the Earth round the Sun, and the inner one A.N.B.n. Orbit of the Earth found the Sun, and the inner one A N B in be placed for, as to be inclined to the Plane of the other (for which Reafon it appears in the Form of an Ellipfis) when the Planet is in N or n, (which Points are called its Nodes) it will appear in the Ecliptic, and so have no Latitude; it is worked by the best planet of the Nodes of the Node is will appear in the Relipte, and do have no Latitude, if it moves to P, then, being freen by the San, it will appear it moves to P, then, being freen by the San, it will appear to the Company of the Plane of the Relipte, it called the Planett Relinearite Latitude, and the Menfare of it is the Angle P R tg, Supposing the Line Menfare of it is the Angle P R tg, Supposing the Line The Company of the Planett Plan

till i come o mohing in N 3 after which it will isserate shall still be come of mohing in N 3 after which it will isserate in the Place come to and infly, be decirating again, till the Place come to be a fit viscoul from the Control of the Place would agree to be, if viscoul from the Control of the Place would from the Control of the Place would from the Sun, would appear to be See Places. The Holiscouries Places, therefore, coincides with the Longitude of a Place viewld from the Sun. See Loss-tongtoned or a Place viewld from the Sun. See Loss-tongtoned or a Place viewld from the Sun. See Loss-tongtoned or a Place viewld from the Sun. See Loss-tongtoned or a Place viewld from the Sun. See Loss-tongtoned or a Place viewld from the Sun. See Loss-tongtoned or a Place viewld from the Sun. See Loss-tongtoned or a Place viewld from the Sun. See Loss-tongtoned or sun the Sun. See Loss-tongtoned or sun the Sun See Loss

GITUDE and PEANET HELIOCOMETES, a Phanomenon fometimes observ'd

HILLOCOMETEES, a Phasomeron fonetime othervit as the fetting of the and bilipanette, a, d. Genes of the Son, by Souraien, and Sylaen who find feet in, in Report I from the man and the son that feet in, in Report I from the man and Canner of the Son, boing a little pear, and dragging after it at his Setting, much in the Mart of the significant of the sig som; am it moved in the fame Treek as the Sun. Its Colour was yellow prax it be Sun, and darker further off. It was only from painted on the thinner, higher Clouds: A first Telefone cassily differed that there was nothing of it on the thicker, and lower Clouds; the' the naked Eye could not different for much. It latich, in its full VI-gour, the Space of an Hour, and then gradually di-minish?

miniti'd.

HELIOSCOFE, in Opticks, a Sort of Trelebox, peculiarly fitted for viewing and obferving the Sun, without doing Prejudice to the Eye. See Treascore.

Hillogories are needlary in viewing the Phanomena of the Sun, as his Spots, Eclipte, U.c. See Sun, Sport, Eccuryt, Ge.

Ecript, 28.

There are various Apparatus's of this Kind. —
As coloured Glaffes are found to diminish the Force of
the Sun's Rays; to make a Histopose, 'tis enough that
both the Object Glafs, and the Eye Glafs of the Telefospe,
be of colour'd Glafs; the first, s. gr. of Red, and the

latter Green

latter Green in a Novellity for the Gilffen to be very But, as the quality bloom? In which much papers. Hereinir charles rather to the two plain coloured Gilffen with a Piece of Paper between, which relied, or construct together, and applied before the Fige Gilff, proposed together, and applied before the Fige Gilff, proposed means for method for the proposed of the Tubes by which, he observe, the Force of the Rays will be for westered, as only to faller the Fige with a 1961b Far of their as only to faller the Fige with a 1961b Far of their

as only so firstle the Eye with a set of Part of their very solution of the Control of the Control of their two firstless of the Eye Guide of the Control of the M. March who did you the critical control of the their core the Flaure, or Smooth of a Lorge of Conflict, Orthodology, and foliate, or the Control of the Control of the Conflict Glafe, and holds it between the Eye and the Object Glafe, or the Control of the Control of the Conflict Glafe, Orthodology of the Control of the Control of the Conflict Orthodology of the Conflict of the Control of the the black-from rabbing off, and first the two into a Coll, or France, to be applied between the Eye and the Eye Glafe, The Word is compounded of SuOg, and reference,

HELIOTROPE, Haltotropium, in Natural History, a Plant popularly call'd the Sun-flower; as also Tournjol, or Turnjol. See Tournsol.

The Word is compounded of the Greek, #10, Sun, and Term, verte, I turn.

and #ffrm, 19770, I turn.

Hiltoronore, is alifo a precious Stone, of a green Colour, flreak-d with red Veins. See Partrous Stone.

Pling Pays its thus called, by Reafon when celd into a Veffel of Water, the Sun's Rays falling thereon, from to be of a Blood Colour; and that when out of the Water, it bears from Refemblance of the Figure of the Sun, and is proper to obletive Ecliptics of the Sun withal, as a Holifoppe.

and pearer to it.

and nearer to it.

HELLX, in Geometry, a Spiral Line. See SPIRAL.
In Architecture, forme Authors make a Difference between the Helius and Spiral.

A Stair-Cate, according to Daviler, is in a Helius, or

is Heliacel, when the Stairs, or Steps, wind round a Cylindrical Newel; whereas the Spiral winds round a Coor, and is continually approaching nearer and nearor its Sec STAIR-Cafe. The Word is Greek, TAK, and literally fignifies a Wreath,

r Winding, of throw, involve, I inviron. Helix, in Anatomy, is the whole Circuit or Extent of the Auricie, outwards: In Opposition to which the inner

Protuberance answering thereto is call'd Aarbe. ..

Protherance answering underto 3 can't restress of the Advances and East.

Hells, is also used in Architecture, for the Casticoles, or little Voluce, under the Flower of the Corpur as Capital; call'd also Urille. S: Caulicoles and Tille. HELL. Tartarus, Inferous, a Place of Pan hment, herein the Wicked are to receive the Reward of their

Deeds, after this Life. - In this Senfe, the Word Held flands opposed to Heaven. See Heaven.

Among the Artients, Hell was call'd Tessess, Tassass, Jartonus, Tarsass i Ahe, Hades, Informs, Informa, In-feri, &c. — The Jews, wanting a proper Name for it, call'd is Gabenna, or Gebinnon, from a Valley near Jeruscall'd is Gebeuna, or Gebrumon, nom a vancy near yeru-felden, wherein was a Tophet, or Place, where a Fire was perpetually kept. See Grunanna.

Divines reduce the Torments of Held to two Kinda 3 Fewa Domain, the LoS and Privation of the Beatific Vision 3 and Paras Swefts, the Horrors of Darknets, with the continual Dates of Wise intervisional thanks.

the continual Pains of Fire inextinguishable.

Moft Nations and Religions have their Hell. — The Hell of the Posts is terrible enough: Witness the Paufili-ment of Trips, Promoders, the Danaids, Lepithes, Philograf, &c. dekribed by Ourd in his Manuscribe's. Vrigtl, sites a Servey of Hell, Racid, L. 23. VI. declare, that had be a hundred Mouths and Tonguer, they would that had he a hundred Months and Tongue, they would note fuffice to recorn all the Plasses of the torsured.— The New Tellament reperious Holf as a Lake of Fire and Broughows, a Wirms welds die to the Co. Rei. NX. The Coffper are field to admit 15 Hill, and a 7 Bradille, where every Perform finds a Place of Recompane fields to the Degree of Good or Roll be has done. Where every Perform finds a Place of Recompane fields to the Degree of Good or Roll be has done. Where tweeth performance of the Recompane fields to the Degree of Good or Roll be has done. Where tweeth performs to the Recompanie of the any Local Holf, any protes and freeding Place of Terment and Brie: The ad, Whether the Tomesta of Hell are to be Remail.

I. The Locality of Holl, and the Restlity of the Effective Characteristic Conference of the Conference Characteristic Conference Characteristic Conference Characteristic Conference Characteristic Conference Characteristic Characteristic Conference Characteristic Cha

after Homer, Hefind, &cc. conceiv'd Hell, Tower men der THE YOU MYON, Sec. a large and dark Place under the Earth: Lucian, de Lucia, and Englath. in Homer.

Euris, Lains, de Lolla, ind Boljath, in Haurr.
Some of the Remain belogd in to theoremson Region,
Some of the Remain belogd in to theoremson Region,
Some of the Remain belogd in the Observation Region,
Voyours eminted by that Lake. See Avanatus. — They
Voyours eminted by that Lake. See Avanatus. — They
Choose placed Region of the Remain Region of the Remain Region of the Remain Region of the Remain Region of the Region of the Remain Region Region Region of the Remain Region Region

were deadly.

But thefe are all to be confidered as only Fables of
Poets, who, according to the Genius of their Are, allegorifing and perfoultying every Thing, from the certain
Death met withal in thefe Places, took Occasion to repreted them as the men Grant of the Places, took occasion to repreted them as the men of the places of Death met withal in their Pikers, took Occasion to repre-fent them as for many Gaten, or enkering Pikers, into the other World. See Faars, Prasourryring, &c. The Primitive Chrillians, conciving the Earth a large extended Piker, and the Heavens an Arch drawn over the fame; took Hill to be a Piker in the Earth, the furthest Dishast from the Heavens; so that their Hill was our Ashapoles. See Assurrooms.

our Antipodes. See Anytrodes.
Tertulian, 'De Anima, represent the Christians of him
Time, as believing Hell to be an Abyla in the Centre of
the Earth, which Opinion was chiefly caused on the
Belief of Christ's Defent into Helett, Hell, Matr. XII. 40.
See the following Article Hazur

*Nnn

The learned Mr. Whithen has thirely advanced a New Opinion.—According to him, the Courses are to be conceived as to many Hellis, appointed, in the Course of their Tesylpottes, or Obbits, alternately or carry the Danned into the Confiss of the Sun, there to be faceful by his Humes, and then return (an to flarer) date read, dreamy, date Regions, they only the Other of Johnson.

So Court, and Acquisit, System to Court, and Court, and

Armen in Springeries van den de Mariene in Britanie de Garda, L. H. See Perra acona act.

To make Way for his own Syllem, Mr., Sorsidan anderes de Garda (L. H. See Perra acona act.

To make Way for his own Syllem, Mr., Sorsidan anderes de Garda (L. H. See Perra acona act.

To make Way for his own Syllem, Mr. See Jack and the Stephan, Sullician to minimal in Gardane and to Red or Sulphan, Sullician to minimal in Gardane and the Stephan, Sullician to minimal in the Armen of Mariene and Language (L. H. See Mariene and L. H. See Mariene and L. H. See Mariene and Language (L. H. See Mariene and L. H. See Mariene and Mr. See Mr. See Mariene and Mr. See Mr. See Mariene and Mr. See Mariene and Mr. See Mariene and Mr. See Mr.

by a Miracle.

by a Miracle. Mr. Swinden, however, proceeds so frew, that the Central Paris of the Earth are postered by Water, rather than Fire y which he confirms term what Mofe 1 says of Water under the Earth, Book XX. from Pfalmi XXIV. 2, and Yok XXXI. 8.— As a further Proof, he alledge that there would want Room, in the Centre of the Barth, for fach an infanto Holf of Inhabitant, as the fallen Angels, and wick-infanto Holf of Inhabitant, as the fallen Angels, and wick-

Zirezinig, we know, has fie'd the Disençious of Hell. to . German Colche Mill, end the Number of the Dimensi to sub handred! Thourism's Millions: 200 Eleanater Cleres: St. Rogs. German Colche Millions: 200 Eleanater Cleres: Millions and Colche Millions: 200 Eleanater Cleres: 200 Elea Drexelius, we know, has fix'd the Dimensions of Hell to a reman Cubic Mile, and the Number of the Damied to an

2. In Capacity: — No Body will dony the San fluctuous cought to rective all the diamond convenienty. A factor there will be my Winst of Koom, Now will five be waster displayed, which will be a been a factor of the same 10, Its Capacity : - No Body will deny the Sun spacious

Sun: Our Lines and Vipinius are more town-rooms, \$\frac{x}_1\$ 137, 138, on all operation to the Lingstrams, which \$\frac{x}_1\$ 137, 138, on all operation to the Lingstrams, which the lines are considered to the lines of lin

Sun; which fuits well with the great Subilety of that Spirit to entice Mankind to worfaip his Throne.

Spirit to entice Mankind to werfalp his Theore.

Il. As the hierarity of Holf Townski, we have Origen, again, at the Head of those who circy it; it being the theoretical townski, and the Head of those who circy it; it being the them to the third theoretical the three th

Punifhn

The Scripture Phrases for Eternity, as is observed by Arch-The Scripture Phenius for Eternity, as is observed by Architect Talledge, do not always import an infaine Direction. Thus, in a Gold First Hard, the state of the property of the state of

Thus, when God fays, concerning the Jewish Laws, that Thus, when God Gays, concepting the Frenigh Laws, this they must be observed Carryle, belong, not every see are represented to the seed of the control of the seed of the control of the Mediah.—All general Laws, and finch as do not regard particular Occasions, are made for ever, when their the experted in their Laws or not; which yet is not to be underfined in their Laws or not; which yet is not to be underfined in their Caws or not; which yet is not to be underfined in their Caws or not; which yet is not to be underfined in their Caws or not; which yet is not to be underfined in their Caws or not; which yet is not to be underfined in their Caws or not; which yet is the seed of the control of their carried to the carr

nnige Pouce could no Wey clarge them.
Archiblend Tilliples, however, agrees very Brennoulty,
that where Ideal Teyment are Fjoke of, the Wood are to
what the theory and the Topic of the Topic of the
them to the Topic of the Topic of the
them to Denation of the Fundament of the Wirtsch, is in
the Denation of the Fundament of the Wirtsch, is in
the very fame Sentence captefully by the very fame. Word
rightmon, which all agree to be Electral. "Theleft, Flocking
of the Wirtsch," Hulli go wave, it shows advant, solo
terrand Paulifluments, but the Rightmon, as Left elemin
to Life terrain.

current Paulinneurs, but not Rughteens, as your assent, and the paulinneurs, but not Rughteens, are to recently this level and the paulinneurs. The fining parts, which had not been first-fielding done before,— Some had unged that all Sin a fining the paulinneurs and the paulinneurs are deal, and therefore diverse infinite Paulinneurs are deal, and therefore diverse infinite Paulinneurs are not to the Object, to take Denge, is about a situate a first and the Object, to take Denge and Paulinneurs in the neur Life, can be more than similar; and condequestly there, on he no Poundation for Denges of Paulinneurs in the neur Life, God is infinite, and the paulinneurs from the pau

they might pointly have done.

Others therefore urge that God gives Men the Choice of eventalling Happinets and Mifery; and that the Reward promifet or Obdelence, is equal to the Puniffment threaten'd to Dislobelence. — To which it is answerd, that the it be not contray to Justice to exceed in Rewards, that being Matter of mere Payour; it may be for

to exceed in Punishments.

It may be added, that Man in this Cafe has nothing to complain of, fince he has only his Election.— But the this may fuffice to filence the Sineer, and make him acknow-ledge his Defiruction to be of himfelf, yet does not fatisfie the Objection from the Diffproportion between the Crime and the Punishment. — All the Confideration, therefore,

and the Punifhment. — All the Confideration, therefore, bilberto alledgy, proving inefficient 5 our great Author is left to folve the Difficulty himfelf.

In Order to this, to obferve that the Meafure of Pe-nalties, with Refpect to Crimes, is not only, for always taken from the Quality and Degree of the Offices; much left from the Duration and Continuance of it; but from the Realbos of Government, which expelit toke Penalties

at may fecure the Obfervation of the Law, and deep Men from the Brench of in — Among Min It's tone Crimes white, private part of the Crimes white, private are committed in a Monone, with perpensal Los of Elitas, or Liberty, or Life. So that the Objection of temporary Grane tong pautified with the Objection of the Crimesper Granes tong pautified with a life Elick, what Proportion Granes and Pennisies are to be the Crimesper Granes and Pennisies are to Julice, at of Wildom and Produces in the Zue-green, who are a construction of the Tellice, which is out of the construction of the Tellice of the Crimesper of the Crimesper of the Tellice of

out any Impeachment of his Justice, which is out of the

Question.

The primary End of all Threatoing is not Punishment, but the Prevention of it : God does not threaton that Men may fin and be punished; but that they may not fin, and so escape: And therefore the higher the Threatning runs, the more Goodness there is in it.

runs, the more Goedonfi there is in it.

After all, it is to be considered, high year the consensation in this own Hands.—There is this Difference between Pormifica and Threatmany; a that he who promifice, parfice over a Right to smeller, and thereby Hands obliged to him in Jutice, and thereby Hands obliged to him in Jutice, and thereby Hands obliged to him in Jutice, and thereby the Archard of the Port of the and Ends of Government require. — Thus, God abfolutely threaten'd the Destruction of Nineveb; and his peevish Prophet understood the Threatoing to be absolute, and theraroid the Deliyation of Nimercks, and his perifi-prophet underlioot the Threating to be shibbirt, and was angey for being employd in a Medige that was not all the perificial to the shift of the shift of the plant of Hosons, that he had rather have perificed, than plant of Hosons, that he had rather have perificed, than plant of Hosons, that he had rather have perificed, than Hatta, Hidder, he foundation also utile, in the Scripture-Style, for Death, or Berlis' by Realton the Helere as the Greek Names, fignife functions the Place of the chamid, and homogene dimply the Grave. See Town, Struct-

CHRE, &c.

Divines are divided about the Sense of that Article in the Apolle's Creed, where our Saviour is faid to have been crucified, dead and buried, and that he defeended been crueinted, see al ano surrice, and max ne successive into Heli, 24: — Some understand this Defermt into Heli as no other than a Defermt into the Tomb, or Sepakhna; which others object against, in-then his Burial is experily mention'd before; and malatalo, that our Saviour's Seal actually defended into the flubtrataneous, or Local Heli;

scrumy detected into the fubritarinous, or Local Heli's where he triumphil over the Devils, The The Remanfit said, that he there comfored the Souls in Purgatory; and brought away the Spirits of the Partarchs, and other jult Perfish, departed that Time, earning them with them into Paradice. See Purgatory, The Paratarch, 26.

In the Romijb Church, that Part of Hell, wherein those were retained who died in the Mercy and Favour of God before our Saviour's Suffering, is call'd Limbus. See

HELLEBORE, Helleborus, Helleborus, Elle-nore, a medicinal Plant, repured, among the Anticars, a ripecific for the Cure of Folly, Metancholy, and Madnefs. There are two Sorts of Hellebors, the Black and White.

The Black Hellebore, Helleborus Niger, call'd alfo Melampodium, has a dark-coloured Root, furnished with Melamposisms, has a dark-coloured Koor, turnifled with Abundance of little Fibres; its Stem green, its Leaves dented, and its Flower of a Carnation Hue, not unlike the Roke-The White Helleborn, Helleborns Mbus, call'd allo Verstram, to diffinguish it from the former, has a whil-tlift Root, befer with Fibres of the fame Colour, flooting ith Root, bell with Tibres of the Inne Colour, flooting out at a fort of Bulls, nor unlike the Head of a Orlion. In Leaves are broad; at first green, afterwards of a yellowith red. From the middle of the Leaves tifts a Seem, two or three Fool high, which sprantes about the middle into Branches, seath whereof bears a considerable Number of little Flowers like Stars, disposed in Manner

Number of intile Flowers like Stars, supported in January of a Spiras, or Fare.

"I's only the Roots are ufed, in each Kind; which are to be choften large and fair, furnished with big Filaments: Those of the White, tan coloured without, and white within; and those of the Black, blackish without, and begownish within; dry, clean, and of a sharp disagre-

sibe Tall. The Auticuts, as already observed, but a great Opinion of their Efficacy in Diffusion of the Mineng Minenger of the Mineng Writers. As Copin Helikelew Digitams.—He needs a double Doft of Helikelew.—The Hand of Auticepts, fitness egainth Mosen to the Copin Helikelew.—The Hand of Auticepts, fitness egainth Mosen is the Copin Helikelew.—The Hand of Auticepts, fitness egainth Mosen is the Leich Leich in greateff Perfeition, and uled with the bell Efficht.—Whence the Proveth, Noviget Auticepts, find him a Voyage to Julicepts.

The state of the s

and Rheumatifin, and that it rarely fails in Obstructions of the Menses.

HELLENISM, a Sort of Greecifus; or a Phrase ac-mmodated to the Genius and Construction of the Greek ongue. See Garer. The Word Hellenifin, is diftinguish'd from a Greecism, in The Word Instempts, is distinguisted from a creecipus, in that the former is not applied to Authors who have wrote in Greek: Their Language, it is evident, should be a continual Hellewijin: But it is applied to Authors, who writing in form other Language, use Turns and Expressions results in the Greek peculiar to the Greek.

There are Abundance of Hellenifins in the Vulgate Ver-fion of the Scriptures. See Vulgare,

tion of the Scripture. See Velant.

HILLENSTO, or Hellenstric Lampinge, that used
among the Hollenists. See Hillenstric.

See Hillenstric. of the Synagogue.

It must not be imagined, that this was any peculiar Language diffinct from all others; or even any peculiar Dialect of the Greek: "I'was thus denominated, to shew that it was Greek, mix'd with Hebraicifins,

riacifms. Salmafius has opposed the common Opinion of the Learned touching the Hellmillie Language; and has wrote two Volumes on the Subject. But his Disputation

turns chiefly on Words. HELLENISTS, HELLENISTE, a Term occurring in the Greek Text of the New Testament, and which in the English Version is render'd Grecians.

the English Version is rendered Greecons.

The Griticks are divided as to the Signification of the Word.

Word.— Decemberists in his Scholis on All VI, 1, chofferres, that, it is not to be understood as signifying obood of the Religion of the Greeks, but those who finder Greek. of the Religion of the Greekly, but there who fishes Greek, with issued adoptive. The Auston of the Valgaty, Vera from, incled, reader sit, like ours, Greekly but the Meifleurs Greekly and the Vera Greekly better the Meifleurs Greekly have a being the Greek that are repeated on an who ten breekly diffinguithed from the Forest call'd fabricary; finhat is, who ploke the Religion of the Greek that are forest a fine of the Greek that the Greekly and the Greekly and the Greekly and the Greekly and the Greekly Greekly and the Greekly Greekly

SEE SEPTUNGINT.

See Servancian.

Schmeight, and Voffini, are of a different Southment with Regard to the Holleright. The latter will now home them to be those who followed the Grayk Party. Scanger is reproferred in the Scatterran, as a diffring the Holleright to be the Special world in Greeke, and, who read the Greek Bible in their Synapoguogy.

HELM, in Navigation, a Horizontal Piece of Timber, rving to move another fitted into it at right Angles,

serving to move another fitted into it at right Angles, call'd the Randser. See RUDDER of the String or Fitter of a Ship, is a Beyrn, or Piece of Timber, faited into the Rudder, and, it coming howard into the Steerage where he that Rands as Helm, there the

it may diffil down into the Receiver by the Beak of the only they denied the Refurrection of the Dead, in common with the Stationers, and retain'd a few other Im-And when they fay, fach a Thing cannot be brought picture of their link. Head. See DIRLIKATION.
And when they fay, fuch a Thing cannot be brought over the Helm, they mean, that it is of too fixed a Nature to be raifed into Vapour, by the Force of Fire. See Fixery and Volatility.

See FINITY and VOLATILITY.

HELMET, or Herms, an ancient Armour of Defence,
wore by the Cavaliers, both in War, and in Tournaments,
as a Cover and Defence of the Head; and fill used by
Way of Creft or Ornament, over the Shield or Coat of

Arms. See CREST

The Helmet is known by divers other Names, as the Cash, Head-piece, Steel-Cap, &c. See Cash.
The Helmet cover'd the Head and Face, only leaving an Aperture about the Eyes, fecured by Bars, which ferved

npersure anoust me Lyes, recurse by Bars, which ferred as a Wifor.

The Helmest is bore in Armoury as a Mark of Nobility; and by the different Circumflances of the bearing of the Helmest, are the different Degrees of Nobility indicated.

In France, whence all following Rules obtain whence all our Heraldry originally came, the

following Roles obtain.

A Perion servly carabbel, or made a Gentleman, beers over his Elicarbean a Helmin or bright Iron or Steel; in Profile, or including followays; the Vincer optic cloth.

Beer of the Company of

Viscounts and Earls formerly bore a Silver Helmet, with gold Edges; its Position like the former: But now they bear it quite fronting, with a Coronet over it. See Viscoun't

and Hall.

Marquiffle hear a Silver Helmer, damaßt'd, fronting; j. Marquiffle hear a Silver Helmer, damaßt'd, fronting; j. Dakes and Prince here their Hilmer, damaßt'd, fronting, the Vites almond open, and without Bars with their Geronte over them. See Duran, 55. princes, are all of Gold, damaßt'd, fall fronting, and the Vitor quite open, and without Bars, See Kirsa, 57.

The Hilmer's Gerkhard are to be turn'd to the left,

The Hammers of Battards are to be turn'd to the left, to denote their Bathardy. Soe Bayrara.

Among the English Heralds, these Laws are of late formwhat varied.—Legs will have the Helmer in Profite, and close, to belong to Knights: But all other Authors give it to Esquires and Gondemen.

To a Knight then office the University shading since the Contract States the Contract States and Contract States are the Cont

To a Knight they affign the Helmer flanding right forward, and the Beater a little open. See Kastaur.

The Helmer in Profile, or posited side-ways, and open, with Bars, belongs to a Nobleman under the Condition of a Duke.

of a Dak.

The Belaner right forward, and open, with many Birn, is allipsed to Table, Princes, and Kingh.

It Bellaner right forward, and Kingh.

It Bellaner right forward, and Kingh.

It Bellaner right forward to the first forward to be giving Ear to the Commands of Superiors, and these right forwards to be giving Orders with abbliout Authority.

Bellaner right forward right forwards and the looking rounds that in the view, they mult be placed fating, each other; If there, the two Extremes and the looking rounds that in the moldes, worse.

HELPS, in the Manage.—To teach a Heric his Leffens, there are form 1469t, and Ale, to be known.—The word of the Prince And Tart of Manage.—To teach a Heric his Leffens, there are form 1469t, and Ale, to be known.—The state of Prince And Tart, or Anality, and Calebert of The Hoffs are occasionally usual into Correllane. See

The Helps are occasionally turn'd into Corrections. HELVETIC, fomething that has a Relation to the witzers, or Swift Cantons, who were antiently called

Helvetin

Helbertic Body is the Republic of Switzerland, confilling of thirteen Cantons, which make fo many particular Common-wealths. See Carrons.

By the Laws, and Cuftoms of the Helbertic Body, all Difference is between the feveral States, and Republicks are to be decided within themfelve, without the Intervention of

to be decided within themselves, without the Intervention of an periopi Power, as fixed of mirale Heroicke, denominated from their Leader Heroicke, denominated from their Leader Heroicke, was the Meroy of Medical Policy was not a Virgin's but had other Children's Medical Policy was not a Virgin's but had other Children's Medical Policy was not a Virgin's but had offer Children's Medical Policy was not a Virgin's but had offer Children's Medical Policy was not be to be a virgin's but had only the Medical Policy was not been period to the period of the Medical Policy was not been period to the period of the Medical Policy was not been period to the period been period to the period period

Beiphanius, who mentions this as the fourth Herefy mong the Jews, observes, that in other Points they had uch the same Opinions as the Soribes and Pharifest;

pietes of thefe hill.

"Herbedor freaks of them as a 8-ct still fisheling."

"Herbedor freaks of them as a 8-ct still fisheling, who is the first Ages of the Church were called Hemorologistics, who is the first Ages of the Church were called Hemorologistics, have conflicted 8-ct, or enther R. Religion 1-part, under the Name of Mindels Isbids. Their People, whom our the Name of Mindels Isbids. Their People, whom our their Baptifilia is very different from ours, have been cofounded with Subsetus, from whom, however, they are very different See Sananaus.

HEMERODROMI, among the Antients, were Centinels, or Guards, appointed for the Security and Prefervation of Cities, and other Places. See Guard.

Citics, and other Places. See GWARD.

They went out of the City every Morning, affoon as the Gates were open'd, and kept all Day patrolling round the Place, forestimes making Excentions further into the Country, to See that there were no Ensemies laying in wait to furprise them.

The Word is Grack, interfelp@, compounded of anter,

Day, and Sesuy, Courfe, running about, &c.

Hererofron, were all of a Sor to Conviert among the Antients, who only travell'd one Day, and then deliver'd their Packets or Dipartents, to a fresh Man, who run has Day; and so on, to the End of the Journey. See Countran.
The Greeks had of these Sort of Couriers,

and greeks had of finds board of Couriers, which they learnt from the Perfins, the Inventors thereof, as appears from Herodotus.—Anguluss had the fame: At leat, he etablished Couriers, who, if they did not relieve each other from Day to Day, yet did it from Space to Space,

and that Space was not great.

HEMI, a Word ufed in the Composition of divers Terms.

It fignifies the same with Semi, or Demi, viz. half; cing an Abbreviature of sparos, benifys, which fignifics to same. See Sems and Dems.

The Greeks retrench'd the last Syllable of the Word nees, in the Composition of Words; and after their Example we have done to too, in most of the Compound Words borrowed from them.

HEMICRANIA, in Medicine, a Species of Cophalalgia, or Head-Ach; wherein one Hemisphere, or half of the Head is affected. See Cephalalgia and Head-Ach. HEMICYCLE, HEMICYCLEM, is a Semicircle. See

SEMICIRCLE.

HEMSCYCLE, is particularly applied in Architecture, to Vaults in the Cradle-Form; and Arches and Frames, or Sweeps of Vaults, conflicting a perfect Semi-circle. See

NAULT.
To confirmed an Arch of hewn Stone, they divide the Hemicycle into fo many Vonffoirs; taking Care to make them an uneven Number, that there be no Joyce in the middle, where the Key-Stone Insulad he.

Dramatic Pieces, where fome Perfon was improbed to be arrived from Sea, as in Plasatus's Rudens. The Antient's had alfo a Sort of Sun-Dial, call'd He-micyclium.— It was a concave Semicircle, the upper End or Culp whereof look'd to the North.

The Work of Sea of Common litting from the middle of the Hamicycle, where the Point corresponding to the Centre of the Hamicycle, represented the Centre of the Hamicycle, represented the Centre of the Hamicycle which represented the Space between one Tropic and another; the Sam's Declination, the Day of the Moths, Hour of the Day, Ur.

The Word is compounded of Sames, Almidiata, and

RAG, Circle. HEMINA, a Veffel used as a Measure among the an-tions Romans. See Measure.

The Hemins contained eight Ounces of Liquor; and as the 12th Part of the Congists. See Concius.

was the 1ath Part of the Chington. See Convaria.

The Word is formed of the Greek, lose, helf, Several
Authors have wrote expects Treatities on the Remons HiSection of the Conversion of the Remons HiSection of the Conversion of the Remons HiSection of the Remons HiSection of the Remons HiSection of the Remonstration of the Remons HiSection of the Remonstration of the Remon has to the Beneficianis, as well as the Found of Bread allowed the fame Religious, which only conflict of fit-teen Connecs. Fa. Lancelor has a Differentian to prove that the Hamima of Wine, prefeirfied by St. Benefit!, only amounts to a Denii Spoiser of Paris Menfure; Others make it two Sprivers; and others three.

HEMIOLUS, an antient Mathematical Term, occurring chiefly in Mufical Writers,—It figuifies the Ratio of two Things, whereof the one contains the other once and an chiefly in Mufical

range, whereof the one contains the other once and an half, as 3:2, or 13:10. See RATIO.

Macrobius, on the Similian Scipionis, L. II. C. s. observes, that the Concord, call'd in the antient Music Disperse, and in the Modern a Fifth, arifes from this Proportion. See Fifth. The Word is compounded of \$\mu\$, baif, and \$\omega \mathcal{G}\$,

HEMIOPE, or Hemiopus, a Musical Instrument in Use among the Antients. See Music. The Hemiopus was a Flute with only three small Holes. Sec FLUTE.

The Word is compounded of \$\mu_{\mu}\$, and \$\delta \vartheta_{\mu}\$, Hole. HEMIPLEGIA, or HEMIPLEXIA, in Medicine, a Palfy of one whole Side of the Body. See Palsy and PARALYSIS.

The Word is compounded of \$\dagger\mu, balf, and \parameter,

The Word is compounded of \$\hat{p}_{\text{s}}\$, \$\text{balf}\$, and \$\text{s}_{\text{s}}\$ and \$\text{p}_{\text{s}}\$ and \$\text{p}_{\text{s}}\$ and \$\text{p}_{\text{s}}\$ and \$\text{p}_{\text{s}}\$ and \$\text{p}_{\text{s}}\$ and \$\text{c}_{\text{s}}\$ and \$\text{c}_{\text{s}}\$ and \$\text{c}_{\text{s}}\$ and \$\text{c}_{\text{s}}\$ and \$\text{c}_{\text{s}}\$ below \$\text{l}\$ and \$\text{c}_{\text{s}}\$ below \$\text{c}_{\text{s}}\$ below \$\text{c}_{\text{s}}\$ below \$\text{c}_{\text{s}}\$ and \$\text{c}_{\text{s}}\$ below \$\text{c}_{\text{s}}\$ and

Will The Sec Vision.

The Writers in Opticks demonstrate, that a Glafs Hemisphere unites parallel Rays at the Diffusee of a Diameter and one third of a Diameter from the Pole of the Glafs. Sec LENS, PARALELL, Ed.

Sec LENS, PARALELL, Ed.

G. Gravity of a Hemisphere is five Eights

See Lens, Parallele, Use.
The Centre of Gravity of a Hemisphere is five Fights
of the Radius, distant from the Verex. See Crivera.
Hemsfehres, in Althonomy, is particularly used for one
half of the Mundane Sphere. See World, Altronomy, St.
The Equator divide the Sphere into two equal Period
and Southern Itemsphere. See

call'd tie Norbern and Southern Hemifihrers. See Egg Avon.

The Norbern Hemifihrer, is that half in whofe Verex Properties of the Post of the Control of the Control

HEMISPHERE, is also used for a Map, or Projection, of half the terrestrial Globe, or half the Celestial Sphere, on a Plane. See Map and Projection. Hemispheres, are frequently called Planispheres. See

PLANISPHERE. The Word is compounded of iu, balf, and equies, Sphere, or Globe

Appere, or Gisse.

HEMISPHEROIDAL, in Geometry, famething that approaches the Figure of a Hemisphere, but is not justly for The Gacoo opens when yellow and ripe, into two large Hemisphereids, three Foot in Diameter. Freezier.

Annisheratifi, three Rosi in Diameter. Prevaier.

HMMSTUGH, in Poetry, half a Verfe. See Viranz.

Tis diffuetd, whether or no the Hemilicht, left in

the Annels, were left with Delign, or whether they are
owing to the Work's being unfailfult.

In English, See the Common and Alexandrine Verfex,
require a Reft at the End of each Hemilicht. Common

Verfea at the End of four Spillables, and Alexandrine at the

End of fix. SeeVerse, Pause, Rest, Alexandrine, Sc. Leonine Veries rhime both at the End and at the Hemiflich. See LEONINE, RHYME.

Hemifich. Sec Lionists, Kityat.
The Word is compounded of Jus, half, and or, G., Perfe.
HEMITONE, in the satient Mefe, was, what we now
all an half Note or Tone. Sec Norn and Tone
HEMITRITEUS, in Medicine, an irregular, intermirting Ferre, which returns twice every Day; hy which it
is diffigualfied from the Questisian, which only returns
once in the Day, See Farva. The Word is compounded of hus, baif, and remile,

HEMLOCK, Cienta, a Narcotic Plant; of fome Use in Physic, in that Intention. See Narcotte.

There is a Plaster denominated from it in the College Dispensatory; confishing of the Juice of the Plant boiled with Gums, Sc.

The Common Hembock is a Poison; the cot of the ident Sort. — We have Instances of confiderable Quanti-

violent Sort. — We have Inflances of confiderable Quanti-tic being taken without the least Different, Philosoph. Translett. Nr. 25t. See Poison. The Cieusa io much colbeated among the Antients, was the Juice of a Species of this Plant, call'd Oceanthe Syntatics. See Cieuxa.

HEMP, a Plant of great Use in the Arts and Manu-

Richorica; farmilfing Thread, Chom,
Trianab, UC.
Trianab, UC.
Homp, by Naturaliffs call'd Cannabit, bears a near
Homp, by Naturaliffs call'd Cannabit, bears a near
Analogy to Flax, Linuas 5 both in refject of Form, Calture and UK. See Flaxs.

The Diam is annual; that is, mult be fown a-fresh

"The Diam is annual; that is, mult be fown a-fresh

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"The Diam is annual; that is, mult be fown a-fresh

"The Diam is annual; that is, mult be fown a-fresh

"The Diam is a near than a nea

The Plant is annual; that is, mush be from neither over Year.— It fits quick, into a sall, flushed sort of the regression of the plant of the plant

James in Federica culturer from rotore or the Footwest.— Laftly, its Bark is a Tiffue of Fibres, joya'd together by a inft Matter, which enfily rots it. Home is of two Kinds Male, popularly call'd Kent's and Fermake, or Finable.—'Its the Male alone that produces Seed, to perpenate the Kind: From the Seed of the

Seed, to perpensate the Kind's From the Seed of the Mule arife headt Male and Fernile. It does not appear, that the Andream were equipment of the Company of the Andream were equipment of the Andream of the House in the Male in the Market House, Lax XX. 6.25. Hyrs not a Word of it; containing himsful with creding the Virtues of its Seen, Levers and Rock in India. It was a few of the Andream of the Andream of the Male and Andream of the Andream of the Male and Andream of the Male and Andream of the Andream of the Male and Andream of the Andream of the Male and Andream of the Andream of the

on two Productors, and a Procurators Lampari; must be underflood of Files.

Inderflood of Files and the Procuration of absting Veneral Defires and its Decofilm in Milk, is recommended against the Jaudice, &c. — The Leaves are held good against Burns, and the False thereof against Desingle.

— The Powder, or Flower, mix'd with any ordinary Lieuton, is fald to rurn thole who drink thereof, flaspid.

— The Powding, or Flower, miel'd with any ordinary Li-quot, it fails on men shot who denis thereof, inspile, were included in the production of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the control of the control of the con-trol of the con-tro

for domestic Purposes

for domeits Purpoles
When rotted, and taken out again, they dry it; then
Broke or beat out the dry Bun, or Hex, which is the
woody Part of the Stem, from the Rind or Bark which
covers it, by craftling it in a tooth'd or nick'd lairument
call'd a Broke, beginning with the Root End.
When the Ban is fufficiently broke, and name by finall
Shirers the Shirers of the Stem of the Shirers the Sh

When the Ban in fulficiently breke, and hange by final Shiven, they friengle or best them one with a Flore of Wood, edged for the Furperi, ... Nam, the Kerl Hange Wood, edged for the Furperi, ... Nam, the Kerl Hange Rad, without the Help of the Bricks, or Swinger. The next Thing is to lear the Henge which is done offer on a Block, or in a Trough, with an Hammer, ... It mainst store to be Inchédic, or pulfed they diver. ... It remains store to be Inchédic, or pulfed they diver. ... It remains store to be Anchedic, for pulfed they diver. On the Help Company, nor multiple the Wood-orders. Coming of different Founcies. This, feparating the fluorest Too from 1, the cell a fix to be Figure way. Go. for Trincelow. *000

Cloth, Cordage, or the like. See Sylnnino, Con-HENDECAGON, in Geometry, a Figure which has leven Sides, and as many Angles. See Figure and

In Fortification, it is taken for a Place defended by eleven Bastions. See Bastron. The Word is Greek, in Ausper 9, compounded of in Aus,

eleven, and prid, Angle. HENDECASYLLABUS, in the Greek and Latin nerry, a Verte of eleven Syllables. See Verse. Sapphie, and Phalene Vertes, are Hendecafyllables, or Poetry.

Hendecafyllabic, E. gr. Sap. Jam satis terris nivis atque dira, &c.. Phal. Passer mortuus est mea Puella, &c.

The Word is Greek, compounded of SiAves, Eleven, and connection, whence the Word Syllable is borrow'd. HENOTICUM, in Charch Hiltory, a famous Edict of the Emperor Zeno, in the Vr. Century, intended to reconcile, and reunite the Emperories, with the Catholicks.

See EUTACHIAN. It was procured of the Emperor, by Means of Acacius Patriarch of Conflantinople, with the Affiftance of the Friends

Patriance to displantances, with the Annance to the Trans.

of Peter Magel.

The Samp of this Edick lies here, that it does not admit the Council of Cholecton, like the other three, but rather from to charge it with Errors.—It is in Form of Letter, addrafted by Zeno to the Elihora, Prefets, Monke, and People of Egypt and Lybia. It was opposed by the Catholicks, and condennal in Form by Pope Feir III. The Word is Greek, brondy, q.d. unitive, reconcilia-

tive; of istu, I unite.

HEPAR, in Anatomy, the Liver. See Liver.

HEPAR Userinum, the fame with Placenta.

PLACENTA HEPATIC, in Medicine and Anatomy, fomething that clates to the Liver ; which the Greeks call Trag, Hepar. See LIVER.

HEPATIC Flux. See FLUXUS Hepaticus. HEPATIC Vein, is that otherwise call'd Bafilica.

See BASILICA HEFATIC Dutt, is a Veffel more usually call'd Porus Bilarins. See Porus Bilarins. Hepart-Cyfie Ducts. See Crur-Hepatic Duct. Heparte Aloes, is that otherwife call'd Aloes Succe-

trima. See Aloss.

Heraric Pleant, See Please Hepaticus.

HEPATTES, Liver Stone, in Natural History, a Sort of Stone, thus denominated from its Liver-Colour. See

HEPATITIS, in Medicine, an Inflammation of the Liver, with an Abscess or Imposshume thereof. See In-The Hepatitis bears a near Refemblance to the Plea-

The Hepatitis bears a near Refemblance to the Plea-rify, soly that its Symptoms are lefs intent, See Pleaulars. It ufually either kills the Patient, or difculfis, or fuppu-rates gradually, or degenerate into a Schiruss. HEPATOSCOPIA, the Art of divining, or differen-ing faure, or hidden Things, by infrecting the Entrails of Beatis. See Divination.

The Word is compounded of the Greek #raf@, the

Genetive of same, Liver, and sounds, I confider; the Liver being a Part principally regarded.

The Romans call'd it Extifpicina. See Extisex.

HEPTACHORD, in the antient Peetry. — Heptachord Verfet, were those sung or play'd on seven Cherds; that is, in seven different Notes, or Tones; and probably on an Instrument with feven Strings The Word is compounded of irm, feptem, and 2000,

HEPTAGON, in Geometry, a Figure confifting of feven Sides and feven Angles. See Figures.

If the Sides be all equal, it is call'd a Regular Hep-

in Portification, a Place strengthen'd with seven Bastices for its Defence, is call'd a Hepragon. See Bastion.

The Word is compounded of erral, festern, feven, and yaria, Angle.

HEPTAGONAL Numbers, are a Sort of Polygonal Numbers; wherein the Difference of the Terms of the corresponding arithmetical Progression is five. See Po-LYSONAL Number. One Property, among others, of these Numbers, is, that if they be multiplied by 40, and 9 added to the Product; the Sum is a square Number. See Number.

HEPTAMERIS, Beyamans, literally fignifies a feventh Part; being form'd of the Greek, ism, feven, and mens, Part or Portion.

The Word is used by M. Sanvenr, in his Principles of Aconsticks, for the seventh Part of a Meris; and in his System, for the 43d Part of the Octave. See Octave. System, for the 43d Part of the Ochave. Soc OCTAVE.
HEPTAMERON, a Term literally implying freeze
Days; being compounded of irral, freeze, and issues, Days.
It is chiefly used as a Title of certain Books, containing the Transactions of seven Days.

using the Transiction of Free Day.
The Hepsenson of Mongrad at Fields, Siller to Prance, and Queen of Neutral, is a very France 1, or France, and Queen of Neutral, is a very HEPTARCHY, decement Competed of few Press. Or a Contrag source of the Press. Or a Contrag source of the February of the Contrag of the Press. The Steen Hepterson, included all the Suntern Part of England, which was canned out into fevro party Series which was contracted out into fevro party Series when the Agreent resulted them into one; and made the Hepterschy into a Monardy. See Monacourt.

The Word is compounded to the Greek, irres, proof, and eigh, Insprison, Command, Rule.

HEPTATECH, Interes of Literature, a Volume confining of foren Books: Or a Work in foren Books. The Term is chefly applied to the first Books of the Old Tellament, in Greek, Excella, Capelina, Numbers, of Agive called the Persastranty, and the two following ones, which are nearly proof therewish. See Persastrance.

The Word is composed of tree, from a megane, I do. 1 work; whence my-Gp. a Work, Book, and I do, I work; whence τωχΘ, a Work, Book, and and and two Yes, Heptateuch, a Work of seven Parts; or seven different Works joyn'd in one Volume.

HEPHTHEMIMERES, in the Greek and Latin Poetry, a Sort of Veric confifting of three Feet, and a Syllable; that is, of feven half Feet. See Verse, Foor, See. Such are most of the Verses in Anacreon,

Θίλο λίγον Aτα δας, Θίλο οδικό ματά δίε, &c. And that of Aristophanes in his Plutus: "E mich purel gelen.

They are also call'd Trimetri Catalectici. HEPHTHEMIMERES, OF HEPHTHEMIMERIDE, is also a Castura, after the third Foot, that is, in the feventh half Foot. See Cassura.

"Tis a Rule, that this Syllable, the it be short in it felf, must be made long, on Account of the Castera, or to make it an Hephthemimeres: As in that Verse of Virgil.

Et furiis azisatus Amor. & confcia Virtus. It may be added, that the Cashira is not to be on the fifth Foot, as it is in the Verse which Dr. Harris gives us for an Example,

Ille latus niveum molli fultus Hyaciutho.

This is not a Hepthemimeres Cafura, but a Hennea-mimeret, i. c. of nine half Feet. The Word is Greek, Estamouth, composed of Exal, feven, imate, half, and may, Pares.

HERACLEONITES, antient Hereticks, of the Party of the Gnoflicks; thus called from their Leader, Heracleon.

See GNOSTICES

of the Gorpfick's thus called from their Leoles, Heraelson. See Courricas.

Res. Courricas.

Her. 4, 6 is very ample on the Herry's Course of the Herry's

explaining Scripture in a fublime, elevated Manner. They were to fond of these Mythe Interpretations, that Origen, tho' a Stickler that Way himself, was obliged to reproach Heradican with his abuling Scripture by that Means. See Property, Allegory, &c.

HERACLIDES, in Antiquity, the Deformdants of Her-cules; whom the Greeks called Heracles. Heracles.

HERACLDES, in Antiquity, the Defendants of Hircarry whom the Greek called Higosoph, Henselte.

For the Hernel Hernel Hernel Hernel

For Hernel

For Hernel

HERALD, an Officer of Arms, antiently in great Re-

pute, and poffets d or to come and Armount, and Privileges. See Anns and Armount. Their principal Employment was to compose, or make at Coats of Arms, Genealogies, and Titles of Nobility. they were the Superintendants of military Exploits, and out Coats of ARM, Namesones, They were the Superintendants of military Exploits, and the Conferences of the Honour of War. They had a Right the Conference of the Honour of War. They had a Committee of the Honour of War. They had a Committee of the Conference of the Honour of the Conference of the Co To them belongd the correcting of all Ulimpations, and Abufor relating to Crowns, Coronets, Cafas, Crelts, Sup-porters, &c. They took Cognizance of all Differences among the Nobles, with Respect to their Bearings, the Antiquity of their Families, Precedencies, &c. They went into the Countries to Search into the Grounds and Petensineous Countries to fearch into the Grounds and Pretensions of Nobilitys and had a Right to open all Libraries, and to command all the antient Charters and Instruments in the Archives to be flown them. They had Admission into all foreign Courts; where they were commissiond to pro-claim War, and Peace 5 and their Persons were held facred as those of Embassicons.

faired as those of Embaldadon.

To them is belong the make Publication of Julis and Turnstann country. The state of the Country of the Countr before the Governour of the Place, to feature and warrant his Perfon. They were the principal Arbitestors of the Diffribution of this Spoils of the vasaquifild, and of mili-tury Research. They published Victions; and grew No-tices and the property of the Place of the Place Education of the Kingdom, sufficed at Royal Marringer, and frequently made the first Demand; of olicidated at Colorum Feature, Green and Colorum Place of the Colorum Feature, Green The Origin of Hiralti wave authority. Strategy in the preference by Hanter as Herself of the Greeks, which was also the Colorum Place of the Colorum Place and Marring the Colorum Place of the Colorum Place and Marring the Colorum Place of the Colorum Place and Marring the Colorum Place of the Colorum Place and Marring the Colorum Place of the Colorum Place and Marring the Colorum Place of the Colorum Place of the Colorum Place of the Colorum Place and Marring the Colorum Place of the Colorum

call'd them segures, and esperopulation; and the Romans, Feciales. See FECIALES.

Frintels. See Frintal.

The Ramonts had a Collage of Herselis, appointed to deade whether a War were juit or anjust, and to permit in the control of the second property belonging to manimated Dubes at Agril, locasile people belonging to contained Dubes at Agril, locasile people belonging to manimated Dubes at Agril, locasile people belonging to manimated Dubes at Agril, locasile people belonging to manimated Dubes at Agril, locasile people belonging to manimate Dubes at Agril, locasile people belonging to the Language at Agril, and the Agril, and the Agril of the Agril

intion of the Bentings of Arms, fanch Pedigroc, Ef.,
They were formirely created and christiand by the King,
government of the Company of the Company of the Company
government the Interest in Name: Now its done by the
Earl Marfall.—They could not survive at the Dignity of
Herald, without having boot freety Lers Pendicitivan: Now
Herald, without having boot freety Lers Pendicitivan: Now
The Company of the Company of the Company of the Company
King at Arms. See Poursant/vary, Gr.
The modern Herald, i.e. the day recorded all Company
The Ten Company of the Company of the Company of the Company
The Company of the Company of the Company of the Company
The Company
The Company of the Company
The Company of the Company
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The Company of the Company

relify, have lost a good deal of the Difficient on all Offices of the aniest ones. What relates to the making out of the aniest ones. What relates to the making out of the aniest ones. What relates to the making of the condent of the first of the state of the condent of the first o

regarus as well as Heraldsi.
Borel derives the Word from the Latin Herus, Maffer;
q, \$\delta\$, one coming from his Mafter. Others from Herabus,
q, \$\delta\$, do no coming from his Mafter. Others from Herabus,
q, \$\delta\$, displication Herabus,
with Dominus Veserosus: And others, latily, from heerboard, \$\delta\$, distribute to his Lord, or the Army.

HERALDRY, the Art of Armonry, and Biazoning or the Knowledge of what relates to the Bearing of Arms, and the Laws and Regulation thereof. See Arms,

ARMOURY, BLAZON, &c. Heraldry likewife comprehends what relates to the Mar-fhalling of folemn Cavaleades, Proceedions, and other Ceremonies at Coronations, Initalliments, Creations of Peers, Funcrals, Nuprials, Sc. See Herald.

HFRB, a Name common to all Plants whose Stalks,

HERB, a Name common to all Plants whole Stalls, or Stem, die swee yeery Year, sitze their Seed is to Stem, die swee yeery Year, sitze their Seed is to construct the Stalls of the Stem and Stalls whole Root perilhes with the Stem; and others, where the Root sturievis the Stem is the Stem; and Strate, where the Root Stalls is the specific stalls with the Stem; and start her best which come to Manarity the field tong and after they have cit their Seed, die aways are Those which only were rille when all Puit the Root Root Stem and S

Herbs whose Root does not perish after they have shed their Seed, are call'd Perennials; such are Mins, Fennel, &c. See Perennial.

Sc. Sco Pharmila.

Of the's, form keep their Leaves all the Year round, and are call'd Ever-greens; as the Affarabasa, yallow Polest, Sc. Sco Evan.canzu.

The rell loft their Leaves, and continue bare, part of the Year; as Prin, Calif-Jon, Sc.

Hirb's are allo dittinguished into Kitchin, or Salletter's, and Medicanial Herb's.

Sallet-HERBS, See SALLEY.

The Word Herb is form'd of the Latin Herbs; which ome derive from Arouns, Field: Others derive it from tome cerve trom 2000a, Etcha S Union acteve it from the Greek, esplin, pajorne, to feed, of estell, Pobolisma, the Greek, esplin, the Latini term d Erebas and of Fries, the Latini term d Erebas and of Fries, the Latini term d Erebas and will be a supported to the Greek of the G

HERMIT. What makes the prioripal Difference in the Goodness of outters and Checles, is the Difference of Herbage, See

BUTTER, &c. HERBAGE, in Law, fignifies the Parture, or Fruits of the Earth, provided by Nature for the Bite or Moath of Cattle. See Pasture, Co. The Word is also wied for a Liberty, that a Man hath to feed his Cattle in another Man's Ground; as, in the Forest.—Occurrit frequent (lays Spelman) pro jure depagleoudi alienum folum, tet in forests.

Pageman aneumin folium, at in foreitis.

HERBAI, a Book which treats of Plants; or deferibes I the Figure, Genas, Species, Properties, Virtues, Ge. of Merbi, Trees, Seeds, Ge. See Plants.

Such are Gerard's Herbai, Parkinfon's Herbai, &c.

Such are General; Herbell, Perkenjina's Herbell, &c. HERBAR, is ind for for a for or Collection of Specimens of the feveral Kinds of Plansa, dried and preferred in the Lawses of 3 Most.

Herbell in the Lawses of 3 Most.

When the Market of the Most of the American Specimens for the American With the Stem, or the Body of the Flower, Oc. Do Hard, he if to be pared away to make it lye flat. Over them is to be fyread another brown Paper; and the whole to be put between two from Plates, feew'd tight together, and put between two from Plates, feew'd tight together, and the control of the Control of two flows. When taken out, per secreta two lieu Plates, ferced tight register, and thus haled in an Oven for two Hears. When taken out, with them over with a Mixture of Brandy and digust forti, and lay them on frefit paper to dry. Laftly, de-cover the Backfeldes with a Brath dipped in a Difficulties, over the Backfeldes with a Brath dipped in a Difficulties of Ginza Diregon, to make them flick; and all yields in the Paper Book, where they will lye fiftl, and always look frefit.

HERBALIST, or HERBORIST, a Person knowing in Plants; the same with Bosonis. See BOTANIST.

HERBE, in the Academies, a Reward, or fome good Staff given to a Horfe that has work'd well in the Manage. See Honse, Se. HERBENGER, or Harsinger, an Officer of the

Manage. See House, Go.
HERBENGER, or HARBINGER, an Officer of the
King's Court, who allots the Noblemen, and those of the
Houshold their Ledging. See HARBINGER.

Hodinos inter Loging. See HARRINGER.

HERCULES, in Aftronomy, one of the Conficilations of
the Northern Hemisphere. See Constructation.

The Stars in the Confiltation Hercules, in Photomy's
Catalogue are 29: In Tycho's 28: In the Britainin
Catalogue 97. The Longitudes, Latitudes, Magnitudes, Se.
whereo's res follow.

Stars in the Confiewation Head	CUL	Es.	EV	r	DN.	AΣI	N
Names and Situations of Stars.				La	∛ort	th.	11
In the Extrem. of the Preced. Foot		07	,# 58	57	06	9	
In the Preced Thigh.	3	41	32	57 57 60	13	30	ľ
5	1			61			1
That Preced. the Ulnz.	19	08	16	60 37	35	34	
North in the Calf of the Preced Leg.	23	07	21	30 64	14	32	11
In the Preced. Ulna, according to	21	18	33	37	14	20	١.
Bayer, in the Hand.) Another contiguous to this to the South.)	21	28	14	37	26	42	0
In the Preced. South. Calf of Leg.	7	23	50	41 63	43 50	48 09	1
North, of the Preced, in the Club: Another contiguous to this,	24	50	05	32	11	07	6
In the Preced. Arm.	23	51	35	30	21	43	5
In the Club, the middle of Prec ed.	28	27	13	28	10	49	4
Against the Preced. Knec.	19	37	11	'65 54	15	48	П
North, of the Subfeq. in the Club.	20	20	12	54 52	42	At	Шč
25 (Armenia				35			

24

ine Stare.	₽
(againft the Buttocks in the Top of the Preced. Thigh Aiddle in Extrem. of the Club.	# #
ubicq. in the Extrem. of the Club.	
45	7

Longit. | Latitude 1 46 35 37 45 47 6 14 32 07 60 19 48 3 5 18 31 27 27 57 6 4 25 27 33 17 27 6 5 42 37 29 32 02 5 6

22 17 19 67 25 36 5 6 1 08 07 53 45 58 5 5 15 10 40 46 55 4 5 4 26 56 47 41 07 6 7 46 52 37 31 06 6

3 57 40 53 17 15 3 3 37 33 55 56 10 6 9 14 39 35 26 42 5 6 4 27 05 57 54 38 6 8 18 04 47 12 48 6

11 49 24 37 18 54 3 10 34 02 47 44 13 3 4 13 24 13 33 55 38 5 6 7 41 13 59 35 33 3 4 9 33 15 55 59 17 5

8 33 10 6e 08 25 12 25 07 47 31 53 10 53 28 55 32 12 6 13 52 69 02 52 10 59 00 60 10 03 5

15 32 52 49 20 18 8 16 30 71 14 16 13 13 40 71 48 31 15 33 10 69 18 24 20 55 31 51 12 47

20 23 36 71 49 49 21 43 20 63 28 19 24 05 50 60 43 57 24 49 26 52 44 27 3 25 42 00 40 19 26 3

25 05 57 53 40 34 26 07 34 45 04 57 26 23 48 44 19 16 27 37 30 45 42 06 28 14 26 54 01 44

28 21 20 49 33 56 6 28 20 10 52 13 26 4 5 28 29 58 43 30 48 6 28 29 54 44 17 09 4 5 0 05 11 54 50 30 6

That between the Shoulders. In the Neck.

That in the following Side.
More South in the follow. Buttock.
Preced. in the Crown of the Head.
In the Rife of the following Thigh. 60 In the Head. In the following Shoulder. Subteg, in the Crown of the Head. Foremost of three in the Thigh.

premoft of two in the Belly. 60 Middle on the following Thigh. That following the hind Shoulder, Subfeq. and South against the Belly.

Last of three in the Thigh. In the hind Arm.
Preced of three in the hind Foot.
Middle in the following Foot.
In the following Tibis.

That in the following Arm. Laft of three in the Foot. In the Calf of the following Leg. In the following Knee. (Arm. Mid. in the Carpus of the follow.

Preced. and South, in the Branch, 80 North. in the Carpus. Preced. of two middle ones in the Branch.) Preced. of two over the Carpus.

Inform.underSubfeq.in the Carpus. Subfeq.andSouth.of 3 in the Carpus. Laft of the mid. ones in the Branch. Laft over the Carpus.

That in the hind Hand, Small one over it, Subfeq. in the Branch, Inform, behind the Branch, over the

2 21 15 45 19 56 6 7 3 08 56 52 13 13 5 6 3 13 35 53 12 30 6 7 3 25 30 45 06 58 4 13 46 35 45 17 05 5 94 (Eagles Tail. HERCULEUS Morbus, in Medicine, the Epilepfy; thus call'd, from the Terror of its Attacks, and the Difficulty of Cure. See Epilepsy.

HERD, among Hunters, a Company, or Affemblage, of black or fallow Beafts; in Contradiffication to Flock.

See FLOCE. A Herd of Deer from fach a Forest. — The Deer begin to berd in the Month of December. See Game, Hunz-

vo burd in the Manch of December. See Garre, Huwrston, Se.,
In the Hunting Language, there are various Terms used for Companies of the direct Rinds of Game. — We fig a
Hard of Harn er Backs; a Zeey of Rocs; a Ront of
Worles, a Richight Shiftens, 4G. See Huwrisson.

Hard of Harn er Backs; a Zeey of Rocs; a Ront of
Worles, a Richight Shiftens, 4G. See Huwrisson.

Hard Farmer, Hard Hard of Hard of

bandry. See GRANGE

bandry. See Grange.

Es union Herdewycham spud Heskessum in Peco, &c.
Mon. Angl.
HEREBOTE, the King's Edict antiently iffued an command his Subjects into the Field.
The Word is form'd of the Saxon Hore, Exercitus,
Army; and Eode, a Meffence.

HERDIPTAMENTS, in Law, are fach Things immoveable, as a Man may have to himfelf and his Heirs, by Way of Inheritance 3 or which, not being otherwise bequeathed, do naturally, and of Courfe, defeemd to him,

explaining Scripture in a fublime, elevated Manner, were fo fond of these Mydtic Interpresentations, that a They were fo fond of their Myltic Interpretations, that Origon, tho' a Stickler that Way himfelf, was obliged to reproach Heracleon with his abafing Scripture by that Means. See PROPHECY, ALLEGORY, Sc.

HERACLIDES, in Antiquity, the Descendants of Her-cules; whom the Greeks called Hegeniks, Heracles.

HERACLIDES, in Autiquity, the Defondants of Herminty when the Greetz calcular lapsoch, Heraclet.

When the Greetz calcular lapsoch, Heraclet.

Descriptors King of Abjector, after the Doubt of Heraclet.

The Returns of the Heracletic is now Despending, in a
bank in the Heracletic is now Despending, in a
bank in harpoon the Heracletic is now. Despending in the
shear it happend it differently officer, and in the
mulliate the divers Attempts which they made to return

able in England the Attempts of Tryp. This lath
is infepted to have faccorded just bank, according to ProLetter and the Company of the Company of the Company

Late of Exp. 20 and for the taking of Tryp. This lath
is infepted to have faccorded just bank, according to ProLetter and the Company of the Company

Late of Exp. 20 and the Attempts; and faces the

Late of the Company of the Company

Late of Com

HERALD, an Officer of Arms, antiently in great Repute, and poffess'd of feveral confiderable Functions, Rights and Privileges. See Arms and Armoure.

pairs, and polleus on severas connectance successor, acques a full problem of the composit, or make our Ceast of Arms, Genetologis, and Titles of Noblity, and Ceast of Arms, Genetologis, and Titles of Noblity, and Ceast of Arms, Genetologis, and Titles of Noblity, and the Conference of the Honour of West. They had a kight to take away the Arms of fish as fee Cowardier, Traction, for control of the dependent. They had a Cammitthe to Conference of the Genetologist of the Control of t

facred as these of Embastasors.

To them it belong the make Publication of Justs and
Tothermanns; to call the Poople to them; to signify the
Carrels; to make the Ground, Lolfi, or Place of Doul; to fee
fair play observed; and to divide the Sun between the two
Particle. In the Army, they advertised the Cavallior, and
Carlo Standard, retiring, after the first Onler, to forme Place

"Summers." Here, no observe, who behaved belt, and to the Standard, retiring, after the first Onfart, to fame Place of Emissione, there to otherw who behaved Std., and to Std. of Emissione, there to otherw who behaved Std. and to be sed the Dead, reine'd the Engiga, redemanded Places to farmed, and in Capitalistics will be believe the Governous of the Flanc, to force and secretal testing the Capitalistics will be proposed to the Place, to force and secretal testing the Capitalistics will be proposed to the Capitalistics will be provided to the Capitalistics will be provided to the Capitalistic will be provided to

Featis, Co.

The Origin of Hersids is very antient. — Stenter is repreferred by Homer as Hersid of the Greeks, who had
a Voice louder than fifty Men together. The Greeks
call'd them responses and separations and the Romans, See FECIALES.

The Romans had a College of Heralds, appointed to decide whether a War were just or unjust; and to prevent its coming to open Hostilities, till all Means had been attempted coming to open Holbilities, till all Means had been attempted to detedling the Difference in a pacific Way. See Contact. Heralds, or Heralds at Arms, have formenly been dependency as Kings at Arms, to Kings. See Kits out Arms, In England, we have fix Heralds, viz. 19. Richmord, V. Lanneller, 2. Cheffer, 4. Whittley, 5. Sourcept, co. 26 ok. Their Office is to wait at Court, to attend public Schemitties, preclaim Wat and Fears, Jook to the Registering to preclaim Wat and Fears, Jook to the Registering to the Court of the

HER

lation of the Bostings of Arms, fasch Poligres, Sf.,
They were formerly exceed and desired by the King,
who linely postings a gold clay of Wine on their Head,
see the March of the Company of the Company of the Company
Her March of They could not arrive at the Digaty or
Herds without having bout force Years Poorfalware's Nee
King at Arms. So Poorsarvarvar, Got or to make
Herds without having bout force Years Poorfalware's Nee
King at Arms. So Poorsarvarvar, Got or to be made
Arms, the redding the March of the Company
Herds of the Company of the Company
And in the Army, Draws and Turnupets have face
Arms, the redding the March of the March
And in the Army, Draws and Turnupets have face
cocked to the Fanction of Herdelt's being fand by the
cocked to the Fanction of Herdelt's being fand by the
cocked to the Fanction of Herdelt's being fand by the
sunder the Proceding of the Company
Herdelt's being fand priving the Company
Herdelt's being fand the Company
Herdelt's being fand priving the Army, and defiCompany
Herdelt's being fand the Army, and defiPoort derives the West fann the Lein Hernel, Maller,
J. d. on coming the major March Merdelt's being fand the farmy
Herdelt's being fand the Herdelt's which is the fanneMancy of the Herdelt's being fand the Army,
HERALDRY, the Art of Armoorn, and Blasconing or
the Macrobial got wher failure to the Bonnell's of the March Merdel's of which its the Bonnell's of the March Merdel's of which its the Bonnell's of the March Merdel's of which its the Bonnell's of the March Merdel's of which its the Bonnell's of the March Merdel'

HERALDRY, the Art of Armoury, and Blazoning; or the Knowledge of what relates to the Bearing of Arms, and the Laws and Regulation thereof. See Arms,

Arms, and the Laws and Regulation inclosed Occasions, Amstoracy, Brazons, &C.

Heraldry likewise comprehends what relates to the Marshaling of folerm Carakades, Proceedings, and other Coremonies at Coronations, Infallments, Creations of Peers, Funerals, Napitals, &C. See Herald.

HERB, a Name common to all Plants whose Stalks, or Stems, die away every Year, after their Seed is be-

or Steams, the away every least, asset which the come ripe. See Plant.

There are fome Herbi whose Root survives the Stem by several Years. See Root and Stram.

Of the former, these which come to Maturity the first control of the former, these which come to Maturity the first control of the former.

Of the former, these which come to Maturity the first Year, and after shey have cast their Seed, die aways are called Amusait: Such are Wheat, Rys, &c. See Annuals.
Those which only bear Flowers and Fruit the fecond Year, or even the fulled Year, and then perish; are called Bisanuasis: Such are the Garden Angelies, and

fome others. Herbs whose Root does not perish after they have shed their Seed, are call'd Perennials; such are Mins, Fennel, &c. See Perennial.

Of the c, fome keep their Leaves all the Year round, and are call'd Ever-greens; as the Marabaca, yellow

Violet, &c. See Even-Green; as the Moravaca, Jessow Violet, &c. See Even-Green. The reft lofe their Leaves, and continue bare, part of the Year; as Fern, Colts-foot, &c. Herbs are also distinguished into Kitchin, or Sallet-Herbs, and Medicinal Herbs.

Sallet-HERES, See SALLET.

The Word Herb is form'd of the Latin Herbs; which fome derive from Aroum, Field: Others derive it from the Greek, splin, splicer, to feed, of steph, Pabulma. Of the Greek, splin, splicer, to feed, of steph, Pabulma. Of the Greek Ferbe, the Latini form'd Ferbe, and of Ferbe, and the Manner of the Spaniards, who always change the f at the Beginning of a Word into b. See F and H.

HERBAGE, a collective Name, comprehending all Kinds of Herbs. See Hann.

The antient Hermits liv'd altogether of Herbage, See What makes the principal Difference in the Goodness of Butters and Cheeses, is the Difference of Herbage, See

Butters and Cheefes, is the Difference of Herbage. See Butters, Vin. Herrarder, in Law, fignifies the Pafluce, or Fruits of the Earth, provided by Nature for the Bite or Mouth of Cattle. See Parvar, Vol.

At Aibons, and Rome, they look'd on Hermsphrodites as ominous Montlers, and precipitated them into the Sea; as we are informed by Allewsader ab Alexandra.

S. de Resungfors relates, that at Suress there are Abundance of Hermsphrodites; who, with Women's Clouds, war Men's Turbens, to diffinguish them, and let all the

World know they have two Sees.

In 1376, Albert, Bifton of Remen, and Brother of
the Duke of Hennipere, was accused by John de Yoofteculter, or Ceftered, Dean of his Chapter, with being an
Hermaphrodice; but he cleared himself.

Essere, of Coprobative, boat of an elementary of Coprobative, but he cleared himself:

9. Frederic Meyer, a Lutherson Divine, has an express
Dilettration, to prove that an Hernasphrodite cannot be
a Priest: It was printed at Gryffunds in 1705.
And Willemberg, another Lutherson of Dantezek, has
wrote to prove them excluded from all Civil Employments,
Westworth Coprobative States of the Coprobative States of Coprobativ

like Wome The Word is form'd of the Greek, spuspejilit 9, a Compound of ieuis, Mercury, and cogstine, Venus, q. d. a Mixture of Mercury and Venus, i. c. of Male and

Too, it is to be offerred, Hermaphrolitat was origi-nally a proper Name; applied, by the Henhes Mytho-logical proper Name; applied, by the Henhes Mytho-logical proper Name; and the Name of Name; and who being defperately in Low with the Nymph Soft-maries, doubted of Others for, the Property of Name was the Name of Others for, the Name of Name; and All Parts, to calculate the United Name of Name; and All Parts, to calculate the United Name of Name; and Other think this Justice intended or flow that Parts, Others think this Justice intended or flow that Parts, Desiries, was of both Sector As, in Edited, the Feet Colour cells (International Parts).

Pollentensque Deum Venerem. As alfo Virgil, Encid. Lib. II.

Difeedo ac ducente Deo flammam inter & bostes

Heftebini observes M. Sjon, calls Venus Approditor; and Theophrafius affirms, that Approditors, or Venus, the Hermaphroditors; and that in the Island of Copynus its has a Statue, which represents her with a Beard like a Man. HERMATHRODITE, is also applied, metaphorically, to divers other Things beside Men.

The lateft Boranitis and Floritls, make a Division of Plants, which they call Hermaphyrodites; as having both the Male and Female Parts of Generation, vis. the Sta-mins and Pifill in the fame Flower. See Plant, Flowes,

GENERATION, PISTIL, &c.

Divers of the Infect and Reptile Kind, are also Hermofbrodites; particularly Worms, Snails, &c. See

INSECT, &c.

Instance, Ge.

In the Memoirs of the French Academy, we have an Account of a very extraordinary Kind of Hermatherdistent, which not only have both Seeva, but do the Office
of both at the fine Time. — Such are Earth-Worms,
the round trill Worms found in the Intellige of Mon
and Horfes I Land-Snalls, and those of frells Water
and ill the Sort of Leuchen. And as all the's are Regrids, and all the Sorts of Leacher. And as all tiefe are Reptites, and without Bones, M. Tonpare concludes it probable, that all other Infels which have those two Characters, are also Hermasphredites.

The Method of Coupling, practifed in this Class of Hermasphredites, may be illustrated in the Indunce of

The Method of Compling, practiced in this Gails, and the Inflance of Earth-Vorms. The Clittle Scepents recept, two by two, and those proper to receive them, where they diffuse their Bodies in fach Manner, as that the Head of the one is turned to the Tail of the other. Being thus Wife the Registrative, a little consical Button, or Papilla, is therefore the year, and received inso an Aperture of the

Thee Animals, being Male at one End of the Body, and Female at the other; and the Body flexible withal; M. Homberg does not think it impossible but that an Earth-Worm may comple with it felt; and be both the Father and Mother of its young.

HERMATHENA, in Antiquity, a Figure reprefering Mercury and Minerus both in one.

M. Spon gives diver Engune of Hermashena, in his Rech. Cur. de l'Antiquite, p. 98. They are a Sort of Stutter rail'd on figure Peckflals, after the Manner of Hermets; only that the Autributes of Minerus are added

recto. See Heams.
The Word is a Compound of Hermes, Mercury; and thems, a Greek Name of Minerus.

HERMERACLES, in Antiquity, a Figure compounded of Mercury and Hercules.

M. Spon gives us a Type of an Hernetracles, Rech. Cur. de l'Aduth, p. 96, 96, 201. The Name Hernetracles, de l'Aduth, p. 96, 96, 201. The Name Hernetracles and Manner of Hernet, with the additional Attributes of Hernetles, vis. a Liou's Skin and a Cub.—This be africated to the Culiform among the Greeks, of placing the Serious of Meroury and Hernetles in the Academy, and Gymathon, so both the one and the other precided oversible flows. Exercises of the Youth

Exercises of the Louth,
HERMES, among Antiqueries, a Sort of Figure or
Statue, of the God Mercury, usually made of Marble,
tho' fometimes of Beris, without Arms or Legs; and
planted by the Grooks and Romans in their Crois-ways. planted by the Greeks and Romanus in their Crolls-ways.

Servius gives us the Origin heecef, in his Gommets on
the Villth Book of the Roseld. Some Shepherds, fays
he, having one Day caught Mercury, calld by the Greeks
Hermer, alleep, on a Mountain; they cut off his Hands;
from which he, as well as the Mountain where the Action

was done, became denominated Cyllenius, from whole, moint's. And thence, adds Servius, it is, that certain Statues without Arms are denominated Hermos's, Hormeret. But this Etymology of the Epithet Cyllenius, contra-dicts most of the other antient Authors, who derive it hence, that Mercary was born at Cyllenus, a City of Ar-cadia, or even on the Mountain Cyllenus it felt, which

cedis, or even on the Moomania Cylleans it fell, which had been than call? before him. I had been than call? before him. I had been than call? before him of the Cultom of making the States of Mersen's without Arms. The Hermets, tops he, were Status of Stone placed at the Vetilible, or Pueches of the Doors, and Tombe at ribbers were becaused to the control of the c pear the fame.

It must be observed, that Athens abounded more than

It must be obtereed, that Athens abounced more than any other Piece in Hermod's: There were Abundance of very fignal ones in divers Parts of the City, and they were one of the principal Ornaments of the Piace. They were also placed in the high Roads and CroSways, by Reafon Africary, who was the Comier of the Gods, pre-

Reafon Mercury, who was the Conitre of the Gods, 'gre-field over the High-ways. Where this Summan of Mercuns, from Trivinas, and that of Natasi, from Yies.

Term Misch Account above cloth, it appears, thouse the Terms, Mercuns and the Mercuns of the Mercuns of

HERMETIC, or Harmetical Art, a Name given to Chymifty, on a Supposition that Hermes Triflaegistus was the Inventor thereof, or excell therein. See Chymister. We know but little of this Hermes, only that he was an antient King of Egypt, 1000 Years prior to Effections. Zonimus Pamopolitanus mentions him as having wrote of Natural Things; and there are feveral Pieces fill extant under his Name, but all suppositious. See

VOLUME.

HEAMETICAS, Philopoly, in that which undertake to HEAMETICAS, Philopoly, income and Nature, from the three Chymical Principles, Soft, Sulphus, and Morsey. Soc PHILODOFF. Soc Said De PRINCIPLE, 455. At conditionable Augmentation modern Dockine of Airclin Account and Acid. Soc Account on Morters, 455. At conditional Acid. Soc Account on Acid. The HEAMETICAS, Philopoly, Admirist, in that Sylvine, The HEAMETICAS, and the Openious of Medicines on the Principles of the Hermatical Philopoly and particularly on the Sylvine of Acid. Soc Acid. Soc Michael.

and CHYMISTRY. HERMETICAL Scal, a Manner of flopping or clofing Glafs Veffels, for Chymical Operations, fo very accurately, that nothing can exhale, or escape; not even the molt

fubtile Spirits.

fabrile Spirits.
It is performed by hearing the Neck. of the Marrefs, or other Velfit, in the Flinns of a Lump, will it be easily or other Velfit, in the Flinns of a Lump, will it be easily exceeded together. — This they call puring on Hermar's Soil.

The, there are other Ways of Faling Velfits Internationally in the phopping there with the Spirits Internationally in the Propagation of the

HERMHARPOCRATES, in Antiquity, a Deity, or gure of a Deity, composed of Morcury, and Harpocrates,

the God of Silence.

M. Shon gives us an Hermbarpocrates, in his Rech. Cur. de l'Antiquate, p. Se, fex. v. having Wings on his Focs, like Mercary; and laying his Finger on his Mouth, like Herparates. The problet hey might mean by this Combination of the Combinat

Leader Hermias. One of their diffinguishing Tenets was, that God is Corporeal. They are also call'd Selencians. See Sr-

HERMIT, or ERRHIT, ERRHITA, a devont Perfon, retir'd into a Solitude, to be more at Leifure for Contemplation, and to differenther himfelf of the Affairs of the World. See Amendam.

World. See Amenous.

The Word is found of the Greek, \$t_00.07\$, \$L_{const.}\$, \$Wilderned; \$1\$ and, according not the Erymology, Readed rather be wrown Erwais. The Spirit being fill.

A Hermit is not reported a Religious, unleft he have music the Youns. See Moux.; You. See Mous.; You. You. See Mous.; Y

the Baptift, and others to Elias.

coverin.

It is commonly pretended to have been infittured by
the Fasher, but without much Groard. This is petty
that Fasher, but without much Groard. This is petty
about the Year 588, and critical to his Fasher's Ritue
near Tagoths, to lead a colligious Life, with time Comhas Fashfilled ever fine; nor that the Hermit of St.
Agoghis are defended without interruption from them.
This Order, in Reality, only commenced under Pope This Order, in Reality, only commenced under Pope Alexander IV, in the middle of the XIII th Century; and

was form'd gradually by the Union of divers Congrega-tions, which had no Rule, or at leaft had not that of St. tions, which had no Rule, or at leaft had not that of St. Agoglith.— Their Congregations were those of John Montiles, the most action of all; that of the Hermatis of Tylegary; that of the Scheldel, those of Vallerfous; of St. Mendel, those of Vallerfous; of St. Mendel, the Montile Palmbo, of the Tycory of Palmer; of Sandia Maria de Marcates, of St. Jenes is de Medinio, and de Longlavo near Lucca.

St. Johns an instance, and we Languise vice Linear.
This Conlinea was not made by Jameson IV. as most
Hilderians of the Order contend: All that Foundit did,
was to unite from Hermitis 10 TyGang, to whom he gave
the Rule of St. Jasegilia: But these were a diffined
Body from those just mention 0.—1 to was Jasenstor IV.
that made the grand Union; as appears from his Edi,
published in the Mare magazam of the Appegine.

published in the Mare magazini of the Integration.

That Pontified undertook this Union from the first Year of his Pontificate, viv. the Year 1254. It was the Year 1256, eec the Superiors of all the Congregations could be got rogether. In the general Chapter the Union was effected: Lansfrome Septada, a Milannee, was chostn General 3 and the Order divided into four Provinces, viv. thost of

As also a third Order of Hermiti of St. Augustin.

See Thirds Order:
Hermiti of Britishi, was a Congregation form'd under
pope Gregory IX, who gave them the Rule of St. Augustin.
Their first Hermitages, or Abode, was in a foliary
Place, called Ziristini, in the Marquilare of Aucona;

whence their Name. - They led a very auflere Life ; never ear any Meat, and fasted much.

whence their Name. — They led a very audice Life 5 over ever earny Mexic and fixed much. Hexaury of Consident's See Characteris.

Noterise y whole periptical Convert. or Hermitely, was fever Longers from Pangeleins.

Hexaury of Conference of Consident of the Hermitels on the Mexico.

Hexaury of Conference of Consident of the Hermitels on the Hermitels on the Hermitels on the Hermitels on the Hermitels of Consident of the Hermitels of Consident of the Hermitels of Conference of the Hermitels of thermitels of the Hermitels of the Hermitels of the Hermitels of th

crust, G.

HRMITAN, in Physiology, a dry North, and North Entlety Wand, or Breeze, visually blowing on the Coults of Ginness in July 2005. See Wisso and BERRELL.

BERROMACHES. See Wisso and BERRELL.

HERNODACTIL. in Medicine, a Drog offe as a goate Parguist, go. See Pencarry.

Naturalità are not aspred as so the Origin of this Drog.

Some will have it the Root, and others the Fruit of the County of the Co

two Alta or secretary, a fruit.

The Prait is about the Sire of a little Cheffaut, in Figure refembling a Heart; raddy without, very white withing of a light languas Subtlance; without Fibres; easily books, and reducible into a Powder like Flower, of a fweeting Tarth, but formewhat wifeld. It is brought to us

fweedth Tall, but fomewhat vifeld, it is brought to us dided from Egypt and Syrie.

Awthorn chief as to the Plant which bears. In the common Opinion is paties for a Sort of Calchivers.

It is presented by the Calchivers of Calchivers of the Calchivers of Calchivers of the Calchivers of Calchiv

mote Sweat.

HERMOGENIANS, a Sect of antient Hereticks, denominated from their Leader Hermogener; who lived
towards the Clofe of the Ild Cenury. See Harasey.

Hermogenee chabilified Marter as his first Principle, and
made Lées the Mother of all the Elements. See

IDEA, &C. The Hermogenians were divided into feveral Branches, under their respective Chicitains, viz. Hermiant, Seleucians, Materiarii, &c. See Hermians, Seleucians, Ec. The Manichees spring from the Hermogenians. See

HERNIA, in Medicine, Sc. a Defeent of the Inteffines, or Omenium, out of their natural Place; or, rather, the Tumour form'd by that Defeent; popularly called a

Tumour form'd by that Defenst, populary called a Rappers, So Discassers and Reversia.

When the Personness happens to be booker, or extracolonarily disards, the Pigers, and particularly the Can is and that George are no sail out of their Piace, and to form
that George are not call out of their Piace, and to form
They happen mod study in the Piace, or Groin, is the Scottam, and Navel: Two, functions, in other Piace a sabove or below the Navel; in the Side, first above the Eggers, in the upper Part of the Thigh, near the
Eggers, in the upper Part of the Thigh, near the
Eggers, which was the Carlot of the Carl

Spins, Qu. Harma's are occasion'd by Blows, violent Concussions, over-directhing in Vomiting, hard Labour, or Wind; from which last Caule it is, that chey are for frequent in Children, and to easily help'd by timely Care: In Adults they are goneally incareble. From Hermis's frequenty arife

the Illac Faffion, and fometimes Inflammations, and even Gangernes of the Inteffines. Hernies's revainfully denominated, both according to the Para difficaced, and to those whereon they fall. A Defect of the Inteffines into the Scrotun, which is the Deck usual Kind of Rupture, is call'd Entercools.

See ENTARGUELE. inficad of the Intestines, the Omenzum be fallen; it If, inflesd of the Intellines, the Constitution of the Intellines, the Called Epiphocele. See Expression of Both, is called Entero-Epiphocele. See A Defect of both, is called Entero-Epiphocele.

If the Intestines fall on the Navel, it is call'd Om-

Phalocele. See OMPHALOCELE.

If they fall thro' the Perforation of the Obliquus Defeendens into the Groin; it is called Bubonocele, or Inguinalis. See Eubonocele.

There are also a spurious Sort of Hernia's, or Tumours of the Testes, &c. occasion'd, not by the Descent of any of the folid Parts, but by a Coagmentation of some of

the Fluids. When the Testicles are swell'd, and distended with a watery Humour, it is called a Hydrocele, or Hernia Aquosa. See HYBROCELE. When with Wind, Pretunatocele, or Hernia Ventofa.

See PNEUMATOGELE.

When the Tumour is owing to a Mole, or Excrefeence of Flesh, it is call'd Sargacele, or Heraia Carnoss. See

SARCOCKLE When to a Dilatation of the Veffels, in Manner of a Varix,
Circocois, or Hernia Varicofa. See VARIX, Ge.
A Kind of prominent Tumour in the Throat, is frequently call'd Bronchocole, or Hernia Gusturasii. See

BRONCHOCELE.

Some late Authors also speak of Hernia's, or Descents of the Bladder into the Scrotum; but these are rare.

— M. Mery concludes, that they never arise from mere — M. Mery concludes, that they never arise irom more Accidents has when they do happens, it mail to the Effect Accidents has when they do happens, it mail to the Effect the Bladder of Ulrice is not hig to pair that the Accident of Rings, which the interlines plat that 'y befind the is in inflared too (trougly on all Sides to admit of a Deform. M. Petir, however, is of a different Semitment of and amintains that Harvasta of the Bladder may be produced after the ordinary Manner of others. See the Mensires &

after the Genmary seasons and the Process of the Process An 1727. The Word is Latin, Hermin, and originally fignifies the fame with Tunner Servei; call'd allo Runner.

Prifess observes, that the antient Marfi gave the Appellation Herms to Rocks: Whence, fome will have Hermin's the Control of their Hardners. thus called proper duritiem, on Account of their Hardnels.

— Scaliger chufes rather to derive the Word from the

Greek, Ipo, Ramus, Branch. HERO, in the antient Theology and Mythology, was a great and illustrious Perfon, of morall Nature; tho', by the Populace, (apposed to partake of Immoerality; and, after his Death, placed by them in the Number of the Gods. See Gon.

Gods. Sec Goo. Hers's week, properly, Perfons partly of divine, and Hrys's week, properly, Perfons partly of divine, and partly of bumin Exercitions being legon between a best of the Goddelf Phetis, by Telessy or Herselses, who was the Goddelf Phetis, by Telessy or Herselses, who was the Son of Typiter and Attacans, who conducts with what we otherwise call a 20min-God. Accordingly, Esseins defines a Here to be a 20min-God. Accordingly, Esseins defines a Here to be a 60min Sec. 10 min. Sec. 10 m

both. See DEMT-God.

The Word is form'd of the Latin Heros, and that of the Greek, Reue, Semi-deut, Demi-god.

St. Augustin, de Civit. Del, Lib. X. observes, that it is highly probable, some one of Smo's Sons was originally called by this Name; that Goddess being called in Greek called by man same; mat cooncur coung cancer in orrest fage: On; it may be, that great Men have been diffin-guiffed by this Appellation, in Allusion to the Opinion of the Anients, that virouse Perfox, after their Deaths, in-habited the wide Expande of Air, what is Joseph Province, habited the wide Expande of Air, what is Joseph Province, the Company of the Company of the Company of the Company of Hervin, — Plats derives the West Office, and worky of Hervin, — Plats derives the West Opinion of the Greek,

#187, Amor, as intimating the Hero's to have arifen from the Copulation of a God with a mortal Woman; or of a Goddels with a Man. — Others derive the Name from the Greek, seen, sicere, to speak; the Heroes being Persons who by their Eloquence led the People at their Pleasure; Others, lastly, derive the Word from the Greek, Les, Terra, Earth; the Heroet, on their Principle, being the Dif Terrefret, or Gods of the Earth.

Zerragres, or Gods of the Earth.

HEXO, is also used, in a more extensive Sense, for a great, illustrious, and extraordinary Personage; particularly, in respect of Valour, Courage, Intropolity, and other military Viruce.

For Students makes this Dillishibites between a Grace Man and a Here, that the latter is more during, first, and cuterprising; and the former, more product, thought-fol, and referred — In this South ever properly its, and the former, and the property its, and the students of a Pieux, or Remonere, in the principal Parformage, or he who has the Top-Part Herrin. See Peux, Roman et al., Southern, Southern,

num out or randice.

The Character of Abbilles, is the inexorable Writh of a haughty, valiant, unjurt, revengeful Prince: That of a haughty, valiant, unjurt, revengeful Prince: That of a course, which are produced to the contract of the course, which which will be contracted to the contract of the course, and the contract of the course, with an invincible Course, Sec Character, and

Couring. See CHARACTER.
Many of the Crucke find Fuel with the Hirs of the
Many of the Crucke find Health with the
Health of the Hirst Health of the
Hirst Hirmself, and uncontrollable Spirit, remarkels,
himself, and uncontrollable Spirit, remarkels,
himself the Hills.—Piery, Tenchereris, and Submission to the Gods, are the Virases of the middle Claff
of Mankind 1 They do not fittle and command enough
for a Hers, who is to be the Instrument of fuch notable
Explains.—So. Expression Mode on Alexans as fitter to
Explains.—So. Expression Mode on Alexans as fitter to ave been the Founder of a Religious Order, than of an

Empire.

E. 1988 defende Virgit's Here, or at least Frigit, with solumback Adderst. — Emer's Character, he observes, was Christian and Christi

Fig. 'van retirented in his Chokes, fat Here was to be of the Genius of Cangibus: The Poet was in the Condition of a Painter, who is obliged to accommodute a Piece of Hubey to the Model of a Bee that is given him. Of the Condition of a Piece of Cangibus and the Contragation to the December of the Contragation to the Here. The dispend among the Carleta, whether is the suggest and vireason Man. I — Be July in minimate the Negative and vireason Man. I — Be July in minimate the Negative Beween a Here in Meestly, and a Here in Poetry, the function Hubbilloin is to be inside as beeven Ment; and and vireason Man. I was been been been been described and American, are poetically as Good as their of Lifyfire and American, are poetically as Good as their of Lifyfire and American, are poetically as Good as their of Lifyfire and American, are poetically as Good as their of Lifyfire and American, and the contragation of the Cangible Cangible (Procedure of Paris Mannes) and American and Americ

regular peckel Herces, as these two jult, wells, and good Min. Soc Macsarata.

Artificials, indeed, reputed in the Trivio Virus, as a subject to the property of the trivio Virus, as a subject to the property of the Trivio Virus, as a subject to the trivio Virus, as a subject to the trivio Virus of the Trivio Virus, as a subject to the Trivio Virus of Trivio Virus

In Tragedy, the Cafe is different: Unhappy Cataftro-phea, according to Ariflotle, are preferable to happy ones; and were always much better received among the Antients. plea, according to Artifatio, are perturble to happy ones, and were always much better received mong the Anticase Indeed, over Acidon may be, that is the peptials States of the acidon and the Artifation and Artifation and

containing an Adélino of much more. Extent than that of a Tragic Nevn, the Reader would not be fo well fainfield, Tragic Nevn, the Reader would not be for well fainfield, brought to firugage withal, he flooid not, at laft, be brought off; but perell maintenance, which, in the brought off; but perell maintenance, which, in the production of the production of the second of the Herry, which, in the state of the perell maintenance, we cannot leave him mifirable, without four Anxiety; which it is nor the affirmed of the Pott to mrift, See Fire Floren.

HEROIC, fomething belonging to a Here, or Heroine. See HERO.

See Hano.

Thus we fay, Heroic Adions, Heroic Virtae, Heroic Styls, Herone Verfe, Heroic Peet, Heroic Age, Se. Styls, Herone Verfe, Heroic Peet, Age, Se. Hanour Feen, is that which undertakes to describe former extraordinary Addion, or Emergrain. See Ports. Homer, Frigit, Statins, Laneur, Jaffe, and Milson, have composed Heroic Peems. See Halad, Shelle, See. In this Scale, Heroic Peems coincides with an Epic.

Posm. See Eric.

Poems. See Eff.

Heroic Destry. See Eff. Poetry.

Heroic Age, is that Age or Period of the World,
wherein the Heroes, or those called by the Poets the
Chilistre of the Gods, are Euppfeld to have lived.

The Heroic Age coincides with the fabulous Age.

See FARULOUS.

See Fastevott.

Hange Foffis that wherls Horsis Possen are stally Hange Foffis to the World See See State.

In the Greek and Latin, Hexametry Verfes are possens the Greek and Latin, Hexametry Verfes are possens the Greek and Latin, Hexametry Latin and the World See State Latin and Lati HEROINE, a Woman that has the Qualities and Vir-tues of a Here; or that has done fome Heroic Action.

See HERO

nn ns commens on St. Matthews, treats the fame Upinion as ridiculous; and maintains, that the Pharifies gave this Appellation, by Wey of Derifion, to Heroe's Soldiers, who paid Tribute to the Romans: Agreeably to which, the Sprince Interpreters render the Word by the Domesticks of Heroe, i. e. his Courtiers.

M. Sizzon, in his Notes on the 22 d Chapter of Mat-The Nam there, advances a more probable Opinion. — The Name Herodian, he imagines, to have been given to fuch as ad-hered to Herod's Party and Interest, and were for preserving

the Government in his Family ; about which there were rear Divisions among the Fewn.

Fa. Hardouin, will have the Herodians and Sadducers to have been the fame Thing. See Sadducers.

HERPES, in Medicine, a cutaneous Hent or Inflam-mation, occessioning a Roughness of the Skin, by Means of a Number of little Pustules spreading this Way and that,

The Word is form'd of the Greek, \$5,000, paulatims radior, repo, by Reason the Eruptions creep from Place

There are divers Kinds of this Difesfe:

There are divers Kinds of this Director.

The fins/be Harres, is a fingle Puthule or two, rifing chiefly on the Face, of a whitifu or yellowifu Colour, pointed, and with an inflamed Bafe. — Thefe dry away of their own Accord, upon letting out the little Drop of Pus con-

own Atom, upon letting out the state of the

See Sana-or and Tryria.

Milliary Harvas, is an Affiching of immuneshed little Publish, under the Caride, of the Size of Miller Seeds it Pupdays wall the Soligate, See Sirvascas, Seeds it Pupdays wall the Soligate, See Sirvascas, over search you the Nature of the Office as and therefore, to be caused with Measurin Chartrick, See See Bonn. A Harvas Excelent, is of a more corneire Kind's the according to the Nature of the Office and the Sirvascas and the Sirvascas and Chartrick and Chartrick and Sirvascas and Finite Marketing in the Sirvascas and Finite Marketing in the Sirvascas as being imposed of Caragidina, to the Fort, in Events as being imposed or Caragidina, to the Fort, in Events as being imposed probable, this Effect Bound be some on the Sirvascas and probable, this Effect should be owing to the Salt used in ne Pickle.

Pickled Herring, See {Herring Fishery.

Red Herring, See Herring Fishers.

Herring Bujs, a Veffel proper for the Herring
Fishers. See Fishers.

Larr, 6c.

There are others recloved on Show, called replaced Horrisor; a Seminon Barrel of So-Stoke make from TEM Marner of Repeating 10 to 10

thematewe.

§ The footen and fick Herrings by themselves; the Barrel whereof is to be marked diffinitely,

§ Orne Herrings, which are such as are caught after the 14th of September. — These are cared with Salt upon Salt, and are carefully forted out, all full Herrings, and used in the Repucking.

upon Suri, and are currently ported only, an mu Berrego,
y, "Correl Merrigon, force to make Red Herring,
being finds as are taken in the Tarmarch Seas, from the
Red of Jergels to the middle of Gleber, provided they
noted to the season of the season of the season of the season of the
taken taken, "There within as Weel, more or left, after
taken taking, "There within as Weel, more to the, after
taken taking, "There within as Weel, more to the, after
the text preferring of them, till they can be brought
on Shours; and finds as are less to make Red Herring
to the company of the season of the theory of the
text better the text preferring the the text preferring
the season of the Herring Herring, the Electron the State
that the Mental Herring Herring, the Electron the State
that the Cippers Balter, "The Cippers cut their Thosou," take out the Gau, and Hing out the full Herring Intotakes the full Balter when they are grigt, and curries
them to the Rower-back, wherein there is Sult. — One
Boy yrows and fints them about in the Sult; assulted ov rows and files them about in the Salt; another

them thus rowed, and carries them in Bafkets to the Packers. — Four Men pack the Herrings into one Barrel, and lay them, one by one, firaight and even; and another Man, when the Barrel is full, takes it from the Packer ther man, when the Berrel is full, takes it from the Packer.

— It is let fland a Day or more open to futle, that the Salt may melt and diffolie to Pickle; after which they are fill'd up, and the Barrel headed. — The Pickle to be firong crough to fuftain a Herring; otherwise the Fish in it.

MERRING Silver, was Money formerly pald in lieu of a certain Quantity of Herrings, for a Religious Hoult. HERRS, in Fordination, a Lattice, or Portugalite, in Form of an Herrem; bette with Iron Spikes. It is uffuslly hung by a Cord fuffend to a Moulinet; to be cut, in Cafe of Surprise, or when the first Gate is to continue to the continue of the co

broken with a Petard, that the Herfe may fall, and stop up the Passage of the Gate, or other Entrance of a

These Herses are also often laid in the Roads, to incommode the March as well of the Hurfe, as the Infantry. The Herfe is otherwife call'd a Sarrafin, or Cataraft;

The Iterge is otherwise can a a sarrapin, or Castarda; and when it consists of first Seakes, without any Ceolspieces, it is call'd Organi. See Onavas, Cr. The Word Herfe is French, and literally fignifies Harrove 5 being form'd of the Latin Herpix, or Hirpex; which denote the fame Thing.

which denote the tame tunns, HERSILLON, or Hansson, in the military Art, a Name given to a Sort of Planks, or Beams, ten or twelve Foot long, whose two Sides are drove full of Spikes, or Nails, to incommode the March of the Infantry, or or Nails, to income

Cavairy. See Histason.

HESPER H. Hesperus, in Altronomy, a Star call'd alfo Volper, Phosphore, Phosphores, Luadjer, and the Morning Star. See Prosentous, Vasera, Ge.

The Word is formed of the Greek, issues, and supposed to have been originally the proper Name of a Man, Brother of Atlast, and Father of the Hisperides. See HESPERIDES.

Historianis.

Zinisteriu, I., Ill. relates, that Helperus having affended

Zinisteriu, I., Ill. relates, that Helperus having affended

generally the Star, never returned more; and that home

the win field to have been changed into a Star.

THE STREAM IN the anistent Mythology, when

HISTORIANIS, in the anistent Mythology, the

HISTORIANIS were then the Member, Right, Are
thelia, and Hillpersteining — Highel, in hat Timopony,

the Arithmetic of the West, and Memory, and the Exter
mittee of the West, near Memory Advisor, Then or that

reaches he's Sun fair them. the Daughest of Night, by

reason the Sun fets there. reason the Sun lies: there.

The Helperides are represented by the Antients, as having the keeping of certain golden Apples, on rother fide the Ocean. The Poets give them a Dragon to watch the Garden where the Fuit grows: This Dragon Hercules flew, and carried off the Apples.

Pling and Soliums will have the Dragon to be an other

Pliny and Solims will have the Dragon to be an other than an Arm of the Sea, wherewith the Garden was in-compaß'd; and which definded the Entrance thereof. And Perro Supposes that the Golden Apples were nothing but Sheep. Others, with more Probability, fay they

bat Sheep. Orhers, with more Prousonury, vsy every Cranges.

"Orthogones of the Inferridae, Higherit Herri, or Herri Meritanus, sare placed by time Ambuss as Lenache, as City of Fee 3 you others, at Bernicke, a City of Each, as a Character, which rallies better with the Fable. Others, take the Province of Soft in Morreco, for the Illand wherein the Garden was beared. Early, Rendered places their free-free was beared. The Garden Rendered Part of Soft Re

AGE FORTUNATES, a Person who keeps himself vacant and at Leiluer, to attend the better, and with the lefs interruption, to the Contemplation of driver Phings.

The Name was chiefly used by the Antients for fanding the Maniers of the Antients of the Antie

The Word is Greek, form'd of invelo, quiefo, quieti indulgeo, a Derivative of invelo, quietus, quiet. Hely-chaftes in Greek, answers to the literal Sense of Quietis

coages in Greek, amoves to the interial sense or general in English.

HETERMARCH, HETERMARCH, in Antiquity, an Officer in the Greek Empire; whereof there were two Speckes: The one call'd fimply Interviews, and the other, great Hetriarchs, who had the Direction of the

Their principal Function was to command the Troops of the Allies; besides which, they had some other Duties in the Emperor's Court, described by Cadin, de Officiis, C. 5. ss. 50, 31, 32, 37The Word is form'd of the Greek, imig@, Societs,

The Word is found of the Greek, busings, Steins, Companion, Ally, and depgs, Judgriann, Command, HETEROCATTE, HETTROCETTON, in Grammat, an integralit, or assonation Word, which other in Deciencies, Compagnos, or Regimer, declares from the ordinary The Word is pocularly saffected to Norma, which vary, or are irregular, in Point of Declanting showing from Cafes, Numbers, Ce than collarary or are of one Declantion in one Number, and uncher in another. Soo Norma, Declarations, Car. Nous, Declaration, Sc.
We have varying Heteroclises, defective, and redundant

Heteroclites, &c.

Heterelist, &c.
Under the Clas of Hetereliset, come Apsset, Dipsote,
Manaposet, Tripposet, Teraposet, Tenaposet, &c.
See Arrors, Dirrorts, &c.
The Word is Greek, incisary, form'd of ingoalter, another, different, and samp. I decline
HETERODOX, in Polemical Theology, fomething that
is contary to the Faith of Doctine elibblift in the true

Church. Thus, we fay, a Heterodox Opinion, a Heterodox Di-

vine, Co.

The Word stands in Opposition to Orthodox. See Овтновоз

It is form'd of the Greek, Ings & 9, a Compound of sng⊕, alter, and &ξa, Opinion.

HETERODROMUS Vettis, in Mechanicks, a Lever wherein the Fulcrum, or Point of Sufpension, is between the Weight and the Power. See Lever.

the Weight and the Power. See Lavra.

This is what we observed will a Javrey of the fight Kind.

— Such is that repredend Tab. Michantack, Fig. 1.

— Such is that repredend Tab. Michantack, Fig. 1.

— Such is the first of the Power between the Weight and the Falcum, the Lever is denominated Hundstraust.

— Such are those preprieted Fig. 2 and 5 pullty as the Control of the Power between the Weight and the Falcum, the Lever is denominated Hundstraust.

— The Wed is all of did for the Herregueint Fig. 1.

The Wed is all of did for the Herregueint for the Michantach and brought by the Chymlits or ferre almost fee any thing they do not underland a for that II Diligeomera, or the opportunities of the Chymlits of the Herregueint for the property of the Chymlits of ferre almost fee any thing they do not underland a for that II Diligeomera, or the agritude to Mixton between any Bolics, is impused to Bug, 60 at a fee Term may be made us of 50 occurs.

the Intergeneity of their Paris. But, fo lar as the Term may be made ufe of, to coavey any diffinite Signification, it mult be by considering natural Bedies under different Sectrosers, according as ribey are diverfified by Figure, Balle, Motion, and their more final bet Properties: So that thole of different Sortments are Heterogeneous to one another, and the Paris of the Sane Sortment, homogeneous. See Hosson Endos.

Thus the Division Chymistry makes of Bodies into Oils.

Thus the Division (Lalymitty makes of Bodies into Clife, Salts, Spirits, &C. may be recknored, with Reflyct to one another, Hierogeneous; who the Parts of each Division are among themfolies Homogeneous.

In Effect, they are two Terms, which ferre frequently for a Resign of Ignorance; so therwife the common Terms of like and smilke might ferre every whit as well. Spinner. HETEROGENEOUS, or HETEROGENEOUS, interally imports fomething of a different Nature, or that confilts of Parts of different Kinds: In Opposition to Homogeneous. See Homogeneous.

See Homograndors.
Thus, we fay, Milk is a Heterogeneous Body; composed of Butter, Cheeft, and Whey. See Milk.
The Refining of a Metal, is the parging it of all its Heterogeneous Parts. See Reviewn.

The Word is Greek, form'd of \$199, after, different, and 1999, Genus, Kind; q. d. composed of different Kinds of Parts.

Hatebourneous, is particularly applied in Mechanicks, to those Bodies whose Density is unequal in different Parts of their Bulk. See Density.

of their Bulk. See DERSEYY.

Or, Hestergenessis Bodies are fuch, whose Gravities are not proportionable to their Bulks. See GRAVEY.
Bedies equally death, or folid in every Part, or whose Gravity is proportionable to their Bulk, are faid to be Homogeneous. See Bonx, Se.

Homogeneous. See Bonx, Se.

HETEROGENEOUS Light, is that which confils of Parts
Rays of different Refrangibility, Reflexibility, and

or Rays of different Refrangibility, Reflexibility, and Colour. See Light, Ray, Reflexandingstry, Co. Hetarogonamous Normai, in Grammar, are fact as have one Gender in the Singular Number, and another in the

ODE CREATE IN THE ORIGINAL VALUE OF THE PARTY OF THE PARTY OF THE PROPERTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE OTHER OF THE OTHER OF THE OTHER OTH

other. See QUANTITY. HETROGENEOUS Surds, are fuch as have different radical Signs, as, √* a a, and √*: hh: √* 9, and 7 19.

How to reduce Heterogeneous Surds to Homogeneous ones; fee under the Article Sunps.

HETERORHYTHMUS, a Term used by some fan-ciful Writers, for a Course of Life unsuitable to the Age of those who live it.

The fame is alfo applied to Pulles, wheo they beat variously or irregularly in Differses. See Pulsa.

The Word is compounded of the Greek, **ng**, and

ρυδμές. See RHYME.

jobpele. See Krivan.

HETERGOOD: In terms of the Earth who Shakov,
HETERGOOD: In terms of the Earth who Shakov,
at Non-rideis always projected the Imm Way. See Sta Acov.
at Non-rideis always projected the Imm Way. See Sta Acov.
are decommand. Heterofiel. See Zusta.
are decommand. Heterofiel. See Zusta.
And according to the Origin and Rection of the Week of Stadows projected difwhood Year, Jan their Non-rideid Shadows projected different Ways from each other.

Thus, we who inhabit the Northern temperate Zone, are Heterofcii with Regard to those who inhabit the Southern temperate Zone: And those are Heterofcii with

Refpect to us

From this Definition it follows, that only the Inhabitants of the two temperate Zones are Heserofesi; nor is tants of the two temperate Zones on the the Word ordinarily applied to any other. The the Word ordinarily applied to any other. Tho, in Reality, there is always one Part of the torrid Zene, whole linhabitants are Heterofeit with Regard to those of the reft, and with Regard to those of one of the temperate Zones, except at the Time of the Solitices. And even at that Time all of the torrid Zone are Heterofeit with Regard to those of one of the temperate Zones.

But as this is variable, and the People of the torrid Zone have their Shadow now on this, and then on that the Custom is to call them Amphiscii, and not

Heterofcii. See Amphiscii.

The Word is Greek, form'd of anger, other, different; and oxia, Shadow.

HETEROUSII, HETEROUSIANS, a Sect, or Branch of Arians; the Followers of Actius, and from him also de-

Arians; the Followers of Metric, and from him also de-cominated Arians. So Alexans.

They were called Heterouffout, by Reason they held, nor that the Son of God was of a Subflance like, similar to that of the Father; which was the Dockrine of another Branch of Mrians, thence called Homosuffant, Homosuffi : But that he was of another Substance different from that of the

The Word is Greek, composed of ing. after, and inia. Substance.

HEXACHORD, in the antient Music, a Concord ammonly called by the Moderns, a Sixth. See Concord and SIXTH.

and Six'm.

The Heachbord is two-fold, Greezer and Leffer.

—The Greater Heachbord, is composed of two grouter.

The Greater Heachbord, in composed of two grouter from, and first Heachbord conflit only of rea greater Tenes, one letter Tene, and two greater Semicones. See Tour.

The Propertiest of the former, in Numbers, is an 5 to 5, and that of the other, as 5 to 5, and that of the other, as 5 to 5, and that of the other, as 5 to 5.

The Word is Greek, compounded of \$5, Sex, Six; and

203 Ju, Corda, Chord, or String.

zeth, Carda, Chord, or String,

HEXARIBON, or HEXARIBON, in Generaty, or

HEXARIBON, or HEXARIBON, in Context, or

HEXARIBON, or HEXARIBON, in Color of

Context and Reservative String, and the color of

Context and Reservative String, and the Diameter of the first

HE Square of the Side of a Hexarderse, is in a fish
triple Ratio to the Square of the Diameter of the first

1 is to the Side of the Sphere it is individual (in, as to the

1 st and confequently incommendiarshic thereto.

1 he Word is Greek, formed of 'ξ, der. Sits; and

Wex, Sedes, Seat,

HEXAGON, in Geometry, a Figure of fix Sides, and as many Angles. See Figure and Polygon.

If thefe Sides and Angles be equal, it is called a

Regular Hexagon. See Regular, it is called a Regular Hexagon. See Regular of the Side of a Hexagon is demonstrated to be equal to the Radius of a Circle circumferibed about the fame. Sec CIRCLE and RADIUS.

Hence, a regular Hence, on is inferibed in a Circle, by fetting the Radius off fix Times upon the Periphery. See INSCRIBED.

To deferibe a Hexagon on a given Line A.B., (Tab.
Geometry, Fig. 84.) draw an Equilateral Triangle A.C.B.;

the Vertex C will be the Centre of a Circle, which will circumferibe the Hexagon required. See CIRCUMSCRIBING.
In Fortification, a Hexagon is a Fortre's with fix

Baftions, See Bastion. The Word is Greek, form'd of 15, Sex, Six, and yoria, Augulus, Angle

HEXAMERON, a Name given to divers Writings both of antient and modern Authors, containing Commentaries, or Diffourfes, on the first Chapter of Genefit; wherein is delivered the History of the Creation, or the first fix Days of the World

St. Bafil, St. Ambriefe, &c. have wrote Hexameron The Word is Greek, itsimers, compated of it, Sex, Six, and inner, which in the Doric Dialect is wrote acides, Day.

HEXAMETER, in the antient Poetry, a Verfe used by Greek and Latin Writers, confishing of fix Pect. See Foor and Verse.

The first four Feet of a Hexameter, may be indiffe-ently either Daslyls or Sponders; but the last Foot, in Strictness, is always to be a Sponder; and the laft but one a Dactyl. Such is that of Homer,

Ers Blog p bifirfas, Iger Gede laden spina. And that of Virgil,

Discite Justitiam moniti & non temnere Dives.

Hexamster Veries are divided into Heroic; which are to be grave and majetical, faitable to the Dignity of Heroic Peetry: And Setzyriest, which may be more loofs and negligent, as those of Heroic. See Hexauc, Ed. Epic Peems, as the liad, Optive, Zeind, Ge. confit of Hexamster Veries alone: Elegies and Epitles ordinarily confit alternatives Veries alone: The Hexamster Veries are the Hexamster Veries and Hexamster Veries alone: The Hexamster Veries alone: PENTAMETER.

Part America.

Some of the French and English Poets have attempted to compose in Herosumeer Verles, but without Success, Postelle made the first Effay in 1153, with a Diffich in Praise of Olivier de Magny, which Palquier represents as a Matter-piece. "Tas this, which Palquier represents as a Matter-piece."

Phabus, Âmour, Cypris, veut Sauver, nourrir & orner Ton Vers, & son Chef, d'Umbre, de Flamme, de Fleurs.

But this Kind of Poetry pleases no Body. The Modern Languages are not at all fit for a Kind of Verse whose Caderce depends altogether on long and short Syllables. See QUANTITY, VERSE, Sec. The Word is Greek, composed of \$5, Six, and surrey,

Mensiure, Measure, Foot.

HEXAMILION, EXAMILLION, in Antiquity, a celebrated Wall built by the Emperor Ensures, over the

Ifthmus of Corinth.

Ithmus of Coristo.

It took its Name from \(^2\xi_5\) Six, and \(\triangle \text{abset}\) which in the volgest \(\text{Greek}\) fignifies a Mile; as being fix Miles long. The Defign of the Hexamilton, was to defend \(^2\text{Pelos of the Tarbarians.}\) — Amuse from the incurfions of the \(Tarbarians.\) The manufact bill. having raised the Siege of Confignition for the pall defined in \(^{1}\text{Line of the Anomalitons.}\) which is had before

rath II. having raisd the Siege of Confentinuite, in the Vera 1944, deconflikt the Histonnilion, tho the had before concluded a Peace with the Greek Emperer. The Festimist relieved it in the Year 1965, by thirty Thoufand Workmen, employed for fifteen Days, and co-vered by an Army commanded by Bartholds of Fiftee, General of the Land Forces, and Lonis Lovedane, Go-

neral of the Sea.

sord of the Sos.

The India's made Everel Artempts upon it, but were spalled, and obliged to retire from the Neighbourhood thereot. But Bernstein being killed at the Stage of the Control of the Stage Stag

after his Return from Rome under Caracalla, applied himfelf to learn Hebreve; and began to collect the leveral Vertices that had been made of the facted Writings, and of theft to compose his Terrapis and Hexapla: Others, however, will not allow him to have begun till the Time of Alexander, after he had retired into Palegino, about the Year 231.

the Year a31.

To conceive what this Hexesple was, it must be ob-fere'd, that beside the Translation of the facred Writings, call the Septragiur, made under Prolonging Philodoglas, above 230 Years before Cariff; the Scripture had been fince translated into Greek by other Interpreters. The first of those Versions, (or, reckoning the Septinggian, the second was that of Aquila, about the Year of Christ 140: The

third was that of Symmachus, published, as is commonly

fuppoied, under Mareus Ameritus: The fourth was that of Theodolpus, under Gommadus: The fifth was found as Tyrizob, in the Keign of Genedic Mit this was found as Tyrizob, in the Keign of Genedic Mit Nicophilis, about the Kus as S. Latilly, Origen himself recoverd Parts of abeenth, containing only the Pfalma. See Visances. Now Origen, who had hed frequen Official Conference of the See Mit Nicophilis and Conference of the See Mit Nicophilis and Conference of the See Mit Nicophilis and Conference of the Mit Nicophilis and Conference of Serious equations.

the year of hyper and Proceeding deferring that they always opined against those fulfages of ferrigare queed against them; and appeared to the Hisbyree Text; the beater to vindente their butthers, and contoured the frequency by theoring that the other beater desirable they have been proceeding that the other beater to the force of the first their beater of the first the first the first their beater of the first t

the Columns answering Verse for Verse, and Phrase for stasse. In the Pfalms there was a ninth Column for the Phrase. In the

This Work Origen call'd 'Egana, Hexapia, q.d. Sex-taple, or a Work of fix Columns; as only regarding the first fix Greek Versions.

Indeed, S. Epiphanius, taking in likewife the two Co-lumns of the Text, calls the Work Octapia, as confifting of cipht Columns. See Octapia.

lamms of the Lexic cause for the control of cight Columns. See Occapila.

This celebrated Work perified long ago: The feveral of the antient Writter have preferved as Pieces thereof; particularly S. Chryfoftom on the Hfalms, Philopomes in his Hexameron, &c. — Some modern Writters have endeavoured Hexameron, &c. — Some modern Writters have endeavoured.

and Fa. Montfaucon. HEXASTYLE, HEXASTYLOS, in the antient Archi-

HEADATALE, REASTING, in the states Archive, the first Sec Column.
The Temple of Honour and Virtue at Rome, built by Matinit, was a Headque, Sec Trantiz.

The Word is composed of \$\xi_2\$, Six, and \$\xi_2\$\pmod \$\xi

HEYRS, in Husbandry, are young timber Trees, ufually left for Standards in felling of Woods or Copies. See Timber, Felling, Standard, Sc.

Therein, Friction, Standards, &c.

III/ATUS, a Jerin Term, propagy figuilying the AperIII/ATUS, a Jerin Term, propagy figuilying the
I is variously side in Weeks of Literatus, &c. to deson a Chefa, or &Gey, Particularly in Verfa, where there
is a children of Vowela, by four. Weeks ending with a
——The circ the Earth oper Vowela with a
—The circ the Earth oper Vowela by the
That schings of Vowela, by differenthe to the Eart, is
worf to very careful to avoid it, that they always fuperful
the preceding Vowel oven in Profe; as is observed by
Gerry in his Orenz, also cold for a 1946 it in a Meno.

Geero in his torsoro.

The Word Hasson is also used for a Defect in a Manafeript Copy; where founching is loft, or efficed, by the
laparies of Time, or otherwise, and the defended on the arms, when
a Scene is not well connected to the next, but leaves the

Action interrupted. See Scene.

In Matters of Genealogy, Hassus is an Interruption in a Line or Series of Defeendants. — Those Proofs of eight

Hundred Years are impossible, by Reason of the frequent Histor's occasion'd by Civil Wars, Gothic Inundations, &c. Hiener's excellend by Civi Wars, Gestric Insudations, Tec.
HICKUP, Hiccoreson, or Hicaras, Singuilar, in MaHICKUP, Hiccoreson, or Hicaras, Singuilar, in Mamatch, and the Parts contained in the lower Venter, are
deliver from below, superation, for the Stemarch, as it utility! imagined, but a convalier Motion of the Sinephysicans, whethough that Madic certific impressuedly downters, imagined by Chrystenia. In the SineHickory of the SineMarket of the SineHickory of the Hickory of scorling to HighTime Remerly for the Hickory's according to High-

irritating the Nerves of the *Draphragma*. The Remedy for the Hierough*, according to Hippocrates, is to fetch the Breath very long, or even to itop the Breath for foom Time. A Sneezing happening upon a *Hierough* generally cures it; the Diaphragin, thouch by the violent Expiration, being apt to throw off what hefero interiors. ne irritated The Word is form'd of the Flemish Hick, which figni-fies the same Thing. Others derive it sb historndo; others,

HIDAGE, or HYDAGE, was an extraordinary Tax; an-tiently payable to the King for every Hide of Land. See

Sour citian quedau commons Prefixience, que Serveita un décentrar, nec de Codivirialme consect, pro-fort four Monday, cozági. Caravagi, é dissipar-tes necessarios, cozági. Caravagi, é dissipar-cialita, e par de dinatura una primirant, co. Enciola-tica, e de dinatura una primirant, co. Enciola-to, e de dinatura e de la consecución de la King Abbeted, in the Xur of Chrill 1984, upon the Laning of the Dener at succionida, usua el alhi Land-by Heldt. Every 310 Heldt of Land Itondo ore Ship South Contraction of the Contraction of Singapara, and the primira de la contraction of the singapara of the con-lation of the Christian of Land Itondo or Ship Singapara (Singapara). The West Haday is also del for a being quie of that HIDE. the Skip of & Redit, Soutchaller that of a

HIDE, the Skin of a Bealt; particularly that of a Bullock or Cow. See Sexus and Leavarea.

We have Hides of divers Denominations, according to their State, Quality, Ec.

Resu Hide, or Green Hide, is that which has not undergone any Preparation; being in the fame Condition as when taken off the Caracia.

Salted Hide, is a green Hide, feafon'd with Sea-Salt and Alum, or Salt-Petre, to prevent its spoiling and corrupting, either by keeping it too long in Cellars, or in

There are also Hides dried in the Hair, fent fr.

America; particularly those of Buffelo's, Sc. Sec 1 See Bu-

CANNER.

Tom's Hide, is a Hide either green, falted or dried, further deefled and prepared by the Tanner, by paring off the Hair, and fleeping it in Pits of Lime and Tan. See Tanning.

Sec Tanning.

Carried Hide, is that which after tanning, has paffed thro the Curriers Hands, and has thus received its laft Preparation, and is fitted for Ufc. Sec Centaving.

Hide, Hyde, or Hyde, in our antient Culloms, was a Measure, or Quantity of Land, containing fo much as could be yearly till d with a fingle Plough. See Pacoust

Bess calls the Hide of Land Familia, and defines it to be fo much as was fufficient for the ordinary Maintenance

be for much as was inflicted for the collustry Maintenance of one Family. See Familier.

In other Aurhors it is called Moniform, Minester, Galen, Cormoster, Smilings, Son. See Character, No. 18th of Carmoster, Smilings, Son. See Character, No. 18th of Larie, Occuping one handred Aures He side, that eight Holden make a Registry Fee. In an antern Manufarity the Hole is fixed at size Avec.

18th of the Aurest Aurest, August 18th of the Minester of Land do not contain any certain, determinate Number of Land do not contain any certain, determinate Number of Land do not contain any certain, descriminate Number of Land do not contain any certain, descriminate Number of Land do not contain any certain, descriminate Number of Land do not contain any certain, descriminate Number of Land do not contain any certain, descriminate Number of Land do not contain any certain, descriminate Number of Land do not contain any certain, description of the Number of Land do not contain any certain, description of the Number of Land do not contain any certain, description of the Number of Land do not contain any certain, description of the Number of Land do not contain any certain, description of the Number of Land do not contain any certain for the Number of Land do not contain any certain, description of the Number of Land do not contain any certain for the Land do not contain any certain any c

Angile riri SM. Spelman. A Dirbodry of a Hord, or other Beeff, wherein his Shin flitles to tight so his Jibbs and Bist, a Hint-Bissoni, a Dirbodry of a Hord, wherein his Shin flitles to tight so his Jibbs and Bist, a The Dirbodry is founctions owing to Poverty and back keeping; at other Times to over Riding or a Suntist, the Hort being fedfred when he is hon, to final Disposition of the Hort being fedfred when he is hon, to final Disposition of the Hort being fedfred when he is hon, to final Disposition of the Hort being fedfred when he had been to the Hort being which not having its natural Gourd, cludes the Shin to finish up, and Geave to the Bocca.

Hitts: Ziezzańa among Hushandmen, — Thera are faid to be it when the Bach inkis to ceich Gen Bacan.

HIDEL, in our antient Statutes, fignifies a Place of Protection, or a Sanctuary. See Sanctuary.

Procedine, or a Sanchaury. See Sancevan, is explained by Pretitum redemprent sear memoralismi Servey, from the Staves boby, i. et de Sila, and gyle, Pretium, from the Staves boby, i. et de Sila, and gyle, Pretium, being whipped. See Otto. redeemed his Solan from being whipped. See Otto. redeemed his Solan from Si liber fight delli operator, perdat liberatems y fi ferum, cornum ferder, cel Hidgildom, i. e. let him be whipped, which was the Punifimmes for Servans. Fel

Hidgildum, i. e. let him pay for his Skin; by which Payment he is to be excused from Whipping.

Payment no is to be excused from wintpping, HIDROTICKS, or rather Hymnoricks, in Medicine, are the fame with Sudorificks. See Supentpicks, Cardeaus Eenedickus, Zedoury, Gayae, Angelica, ¿G. are of the Number of Hidroticks, or Hidrotic Medicines.

The Word is composed of the Greek, 1898, Sweet. HIERACITES, HIERACITE, a Soft of antient He-reticks; denominated from their Leader Hieracas. This Herofacch was by Nation an Egyptian; and, bettle his Monber-Tongon, was Mailte of the Greek, and well from in all the polite Paris of Learning. Heigh power of Learning, bettle polite Paris of Learning. Heigh power of Learning to the Stady of the Acquisitance; and the state of the stady of the Company of the stady of the Company of the Stady of the Company of the Stady of the

among the Books of Egypt procured him Abundance. He abblancy benied he Refurericies of the Body, malasting that the Soul above role again; and that the Reduction and sungenfor febricals.— Epiphonium Learner and Abundance and the Landers of the Refurericies and the Reduction of the Reduction of

Death they degenerated space.

HIERA PICAL, in Pharmacy, a Kind of Elechary, first defirthed by Gatera, composed of Aloca, Cinamono, first defirthed by Gatera, composed of Most, and Hongy, it is used to purp and cleanly the Mante and Hongy, it is used to purp and cleanly the Company of the

It is eenominated from the Greek, 1957 Jecht, 1969, by Reafmo of its rare Virtuze, and wrach; marrat, bitter; Alocs, which is the Bafe thereof, rendering it extensive bitter. See Aloss.

**Packet is arother Herrs, call'd Hiera Discologynthids

Packet, by Realm Cologynthis is the Bafe thereof, and that it was fifth afed with good Success by **Packets of Marisch, in Steven oblistate Diffacts.—It is composed of Amisch, and Steven oblisates Diffacts.**—It is composed of Colecynthis, Opoponax, Arifolochia rosunda, Agaric, and

It is used in Epilepfies, Apoplexies, Palfies, and Lethargies, to excite the Mentes, and promote the Expulsion of the After-birth.

After-brith.

"There is also a third Sort of Hiera, call'd Liberanna; but rately wisd.—Dr. Quincy says, 'its one of the most relications Medleys ever contrived. It passes for a Cordinl, &c. HIERARCHY, HIERARCHY, in Theology, the Order, or Subordination, among the several Choirs, or Ranks of Angels. Soc Alwarz.

Angels. See Andre.

Sr. Dionylins, and other of the antient Writers, effablish
nine Choirs, or Orders of celefilal Spirits, vizs. Scraphim,
Cherubim, Thrones, Dominions, Principalities, Powers,
Virtues, Angels and Archangels: And these he divides
the throughts. See Nation, Christia, 85. into three Hierarchies. See Senapii, Chen'us, Co.

nno unce specialentes. See Seranti, Cherdus, Ec.
The Word is Greek, formed of tiels, facer, body, and
dysh Principatrus, Principality, a. d. tied dysh, facer
Principatrus, Body Principality or Command; and Principality in body Thinga.
Hiranactry, is allo used on Earth, for the Suberdination between Principal and other Eccledificks. See

ECCLESIASTICAL Polity.

nation between Prelatus and other Rectefinities. See Rechards of the Rechards of Rechards

Collet will not admit of any Difference between these there Expressions. To prove that they all denote the fame Thing, be instance in the Case of Monacrity, alleded for the fame Purpose by 9°, durathus: Ursing, that in a contract of the Monacrity, and the Monacrity, of the Monacrity, and that none are excluded but Foreigness. And that the Case is the last the Monacrity of the Monacrity of the Monacrity of the Monacrity and the Monacrity is and that none are excluded but Foreigness.

the encluded bill recipiers: And that the Cufe is the tame in the Harverdy.

HIRRATIC Paper, among the Antient, was the fineth Survey of the Cufe of t

Henthen Thootoey; from whose they have been transline to the proper and Coryglian.

The Weal is large and the proper and the proper and profits and profits and profits and proper and the property of the property of

Byphic. See Hirrogevertic.
In Egypt are ftill found divers Obelifits, Figures, &c. full of Hieroglyphical Figures or Characters. See Hirr-OGRAMMATEI.

From the insufficient of the state of the st

*Rrr

thereof.

The Harry-numeri invented and wron. Heroglyphicks,
The Harry-numeri invented and wron. Heroglyphick,
with other Matter relating no the Dually explaint can,
with other Matter relating no the Dually explaint can,
for wany below calculate, may were all Propulses; as relating
to we may below calculate, may were all Propulses; as relating
to white the Harry-numeri were always near the King, or
The Hirtogrammari were always near the King, or
better to fit them for this, allows and Cancilla. The

affilt him with their Informations and Councils; The better to fit them for this, they made ut of the Skill and Knowledge they had acquired in the Stars, and the Morions of the heavenly Lights; and even of the Withings of their Predecediers, wherein their Funditions and Duties were delived. They were exempted from all civil Em-ployments; were repared the first Perfors in Dignity next plantages, and the start of Secret in form of a Drough & San Start of Secret in form of a

After Egypt became a Province of the Roman Empire, the Hierogrammatei funk into Negleck.

the Henrogrammates fasts into Negect.

HIEROMNEMON, an Office in the anderst Greek
Church whole principal Fundion was, to thand behind the
Perturbed at the Searmann, Corronois, Ge. and have him
the Prayers, Pillms, Ge. he was to rebearfs. — He alife
could the Parieratch in his pendical Robes, and
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of t of the Ceremonies now does to the Pope,

The Hieramonemon was commonly a Deacon; when he was in Phäris Orders, as it fometimes happend, he was excited from derfling the Pope in his positional Habits. Whether he were Deacon, or Fried, he had under doffere named delarfular. He had also Continued Description that all also Continued Contacton, or Flook of Continued Contacton, or Flook of Continued and the Continued Contacton, or Flook of Sort of Rival.

The Word is composed of the Greek, 1491, facred, and μείμεν, one who advertifes, or puts in Mind of, HIERONYMITES, or Hermits of St. Jerom.

The Word is compounded of legle, holy, and erous, Name.

The Weal is compounded of thele help, and sense, Name. HIRROPHANCHER, CHIRROPHANCHE, CHIRROPHANCHE, IN THE AND THE METHOD THE METHOD

and Ceremonics. The Word comes from Itels, boly, facred, and ourse,

I appear.

HEROPHYLAX, an Officer in the Greek Church.

—His Quality is that of Guardian, or Keeper of the hely
Things, Unenfit, Vediments, E.a. answering to our Sacri
plan, or Sexton. See Sacri-Hax.

The Word is composed of Isple, facer, and others,

Keeper, of condulo, I keep.

HIEROSCOPY, HIEROSCOPIA, a Kind of Divination, perform'd by confidering the Victim, and every Thing that occurs during the Course of the Sacrifice. See Sa-

CRIFICE and VICTIM.

CRIFICE and VICTIM.
The Word is form! of ityle, facer, and eurola, I emilder, HIGH, Missi, a Term of Relation, applied to a Body, consider! according to its third Dimension, or its Elevation above the Horizon, or even above the Ground. See Histoitt. Thus, we say, the Pike of Yenoriff is reputed the highest Mountain in the World. See MOUNTAIN.
The Monament is one Four high from the Ground. See

The MORNHERS BLUE AND AND THE MORNHERS AND MONNHERS.

The Tower of St. Pearls, before its first burning down in 1854, was 110 Foot high; on this was a Pole of Copper, and on that a Coff it; it for the high, the control of the contr

HIGH, is also used to denote a Perion in Power, Dig-nity, &c. See Title and QUALITY.
Thus God is frequently called in Scripture the most high.
So on Barth we say, high and pulliant Lord, Prince, Sic.
—The States General of the United Provinces, are called their High Maghrinoffee. See Status, &c.
So in Engiand we say, High Court of Parliament. See PARLIAMENT.

SCE PARLIAMENT.
LOTH High Chancellor,
LOTH High Treasurer,
High, in Monetimes wifed in the fame Sende
with load, in Opposition to low: And Sometimes in the
fame Sende with Acute, in Opposition to Graw. See
Sound, Activities, and Acute, and the Sound Sound, Acute, in Opposition to Graw.

Sornin, Accessing, Galviry, Gr.
Hen Buring, Geh, is a Tem und with Keipfer G.
Filphing Cocki, denoding one larger than the Cock he
real properties of the Cock he control of the Cock he
manded for height. Low Buring Cock in or overmented for height. In the German Tergue in its greated
Papir, Gr. as please in Militia, So. See Lancoura.
Hen of peration, in Chilupper, is a Mende of extracting
the Some; thus called by Nacion the Some is taken use
at the upper Part of the Blacker. See Sovens.
Soc Lancoura.

HIGHNESS, a Quality, or Title of Honour given to

THORNESS, a Capacity, 6 I rise on Indoors give an experience. See Title and Quality.

The Kings of Englands and Sparis had formedly no other rise but hat of Highway 1 the first, little but that of Highway 1 the first of Highway 1 the complemented with the Title of Highway 1 in the Xear 1650.

The Dake of Orleans sillimed the Title of Highway 1 in the Xear 1650.

The Dake of Orleans sillimed the Title of Highway 1 in the Xear 1650.

— The buke of Orleans affuned the Tible of Regist Highgard, in the Ver 1533, to dislignally himfulf from the other Prince of France. King of Serbinis, bore the Tible of Regist Highendy, on Account of this Prentines to the Kingdom of Cybran. — The field that Duke only root the Tible of Regist Highendy, to put himfulf above to the Tible of Regist Highendy, to put himfulf above great Duke has fine at function of Regist Highendy, the Prince of Conde full took the Tible of Meyer Mighand, Lingdom, Leving and of Singh Highendy, the Righton, Leving and of Singh Highendy to the number of Righton, Leving and of Singh Highendy to the number of

Hills Testibus, q. d. These Witnesses; was a Phrase antiently added in the end of a Deed that was written in the farm Hand with the Deed; a pon which the Witnesses were called, the Deed read, and then their Names entred. See Deep and Witnesses

See Data and Wirstan.

This Linke of this relation, in Subjects Deeds, continued till, and in, the Kidgin of Him. VIII. but is now Hill. And in, the Kidgin of Him. VIII. but is now Hill. ARIA, in Analysis, Feath coherent every Year, by the Remont, on the eighth of the Calendo of April, in Henmon of the Morter of the Gold. See It serve, and the Hill of Hill of Hill of the Hill of the Hill of Hill of

who call'd it ANABAZIE, q. d. Afterfus: The Eve of that Day they fpent in Tears and Lamentations, and thence denominated it KATABAZIE, Defension.

denominated it Anianalas, Defengues
Afterwards, the Grooks took the Name IAAPIA, from
the Romens; as appears from Photius, in his Extend
of the Life of the PhiloSopher Histore.
Cafaubon maintains, that befue this particular Signifi-cation, the World Historia was also a general Name for all

culin, the Worl Halter's wa all 6 a genical Name for all Softens, or Feat Days, whether public or private and dometic. But Softenshire does not allow of Triffens, 'I. I. p. shot, distinguished between Halter's and Halter's. The form halter, Preyers made in Configurate intending to the control of the Configurate children's and Mericing, 6c. The public hilled feveral Days, during which, all the configuration of the configuratio

Birth of the Goods.

HILARODE, or HILARODW, in the anticot Muficand Peerry, a Sort of Foot among the Greek, who were about finging little pay diversing Poems, or Songs; the fonewhat guave than the four Picco. See Rayasonus. The Historica appeard durith in white, and were crowned with Good. At first they wore Sines; so hat afterwards affected the Crystology, which was only a Sond; ford over the

famed the Creptes, which was only a load.
Foot with Straps.
They did not fing alone; but had always a little Boy, or Girl, to attend them, playing on fome Influement.
From the Streets, they were at length introduced into the

Tragedy; as the Magodes were into Comedy. See MARODES, TRACEDY. UC. The Hildrodes were afterwards call'd Simodes, from a Poer named Simus, who excell'd in this Kind of Poetsy.

The Word is compounded of langes, joyful, and all, inging, Song. See HILLERODIA. HILARODIA, a Poem, or Composition in Verse, made, fung by a Sort of Rhapfodists call'd Hilarodes. See

HILARODE. Scaliger holds Hilsrodia, Hilsro-Tregedia, Phlyaco-graphy, and the Rhintonic Fable, to be all Names for the fame Thing. See HILARO-TRADEDIA.

So. L. Prince and the properties of the properti

Stilds; mentions one Rhinton, as the Inventor of this Kind of Poem: Whence it was also called Rhintonics

JADDIE.

HILARY Yerm. See TRRM.

HILLOCK. See MOUNTAIN.

HILLOCK. See MOUNTAIN.

HIN, a Hebrew Measure, containing the fixth Part of
an Ephsa or one Wine Gallon and two Pints. See Mea-

RSDBS 3 OF ONE WHILE CALLON AND TWO PIERS. SEC MAEA-RE, ENTA, VE. HIND, a Fernale Stag of the third Year. See HUNTING. HIND Caff, a HART Of the first Year. See HUNTING. HIND HORS, in the Manage. See HAND.

HINDENI Homines, antiently fignified a Society of Men; from the Saxon binbeue, Societas.

In the Time of our Sour Anothers, all Men were ranked into three Claffes; the Longit, the Middle, and the Highelf; and were valued according to the Claff they were in; that in Cafe an Injury were done by any one. Satisfaction might be made according to the Value, or

Satisfaction might be made according to the Value, or Worth of the Man it was done to.

The Leavily were those who were worth ten Pounds, or two hundred Shillings; call Viri ducarnini, or Teybindemen, and their Wives Teybindets.

The Middle were valued at fix hundred Shillings; and were called Sixbindeneen, and their Wives Sixbinads.

The Highest were valued at twelve hundred Shillings; and were called Twelvebindimen, and their Wives the Twelvebinda's. See Twining, and Twelvenings.

HINE, or HIND, in the Saxon Language, fignifies a Servant, or one of the Family: But it is now taken in a

Serrant, or one of the Family; But it is now taken in a more entitificities Sonds, for a Servant at Hashandry; and more entitificities Sonds, for a Servant at Hashandry; and HINGER, in Building, those secondary lines, by Mean whener Deen, Lide, Rodd of Thisbe, See ones better Meeting, whether of opening, thusting, or Holden, See. See Doon, See. Collement; Luceophire, and finoni-rible; Colling, Cattle-black, Luceophire, innon-facile, Conde, Deth. Durennin, Weighystopol, Wolleys-Hort, Lumbe beach, Pere, Sile-Lancaphere, Side innoch field, Side with riling Joyne is Scattle, Sharer; Luncephere, and Innon-if field, Scall, Trank of fandey Sorts, Joynes Luceophere, Decem-ware loop, Weighystopen, Workers Eng. Discouse feel, Weighty

Weighty-fhort. P. See HAUNCH. HIP. See 'Harnett.
Hirs-Stort, a Diffeder of a Horfe, when he has wrung or fprained his Haunches, or Hips, to as to relax the Lighments, that keep the Bose in its due Plear.
The Signs are, that the Horfe will halt much, and go dide leng, trailing his Leg after him; and the Hifs which is hurt will be lower than the other; the Flesh falling away on the Side of his Buttock.

HIPS, in Building, are those Picces of Timber, placed at the Corners of a Ruof. See Roor. The Hips are much longer than the Rafters, by Reafon of their oblique Polition, and are placed not with a right

or figure Angle, but a very oblique one; and by Confe-quence are not, at least ought to be, figure at any Angle, quence are not, at least ought to be, I quare at any Angle, as Rafters are not at all, but Level at every one of eng, and which is yet more, as Rafters have but four Plains, there commonly have five. See Rapyers.

They are commonly, by Country Workmen, called Corners i Some call them principal Referen, and others Steepers, Indeed Hitts and Classes are much that Control Seepers.

They are commonly, by Country Workston, called Conmari Some call them primage Raffers, and obers Solgeries.
Selected in the Palles, and Joya at Top with the
High; has their Souriesce or Plains, which make the Back
The Rades of a Mile, are their two Superficies, or
Plains, on the outline of the High which has two the
Pallian, on the outline of the High, which he turnuit both
His-Andrel, is by Home used for the back of the HighHis-Andrel, is by Home used for the back of the HighHis-Andrel, is by Home used for the back of the HighHis-Andrel, is by Home used for the back of the HighHis-Andrel, is by Home used for the back of the HighHis-Andrel, is built to the High and the HighHis-Andrel, is built in the High and the HighHis-Andrel, is built in the High and the HighA High-Red Jan Raffers as long, and with the Angles
at the Top, Gir. as of the High and the HighA High-Red Jan Raffers as long, and with the Angles
at the Top, Gir. as of the East of the High and
A High-Red Jan Raffers as long, and with the Angles
at the Top, Gir. as of the East of the High and
the High High and the High and the High and
High-Tyles See Tyres.
HIPPUIN, or Explains, In Problem, we can be conHippuing to Explains, In Problem, we con-

HIPPEUS, or Equinus, in Physiology, a Sort of Comet hich fome Writers suppose to bear a Refemblance to which fome

a Horf

But the Shape of this Kind of Comet is not always alike; being fometimes oval, and fometimes instituting a Rhombiodes.— So its Train is fometimes forest from the Front, or Fore-part, and form-times from the high Part.

Hence, this Class of Comets is diffinguished into Equipme 18.

**Common Constitutions and Familiary Educations of Equipme 18. Equinus Quadrengularis, and Equinus El-

Barbasus, Equinos, Prictic. See Conser.

HIPPIATRICE, the Art of curing the Diffacts of rutes, and particularly Horfes.

This we rather call the Forrier's Art. See Farrier.

The Word is composed of lawe, Horse, and lares.

HIPPOCENTAUR, in Actiquity, a fabulous Monfter, fuppofed to be half Horfe, and half Man. What gare Occasion to the Fable, was, a People of The fluty, inhabiting near Mount Pelion, who became thus ated, by reason they were the first that taught the Act of Mounting on Horfeback; which occasion'd fome of but one Animal. See Horsemanning.

The Hoppocentaurs differ d from the Centuurs, in this,

The Word is pure Greek, form'd of Town, Equus, Horfe, and 20076, punge, I prick, spur, and 20076, Bull

Towns, Bell.

HIFPOCRAS, or Hypernas. See Hypernas, a Kind

HIFPOCRATESS Steep, Monica Hippernasis, a Kind

Filter, or Hirosal Egg, form the by joining the opposite

of Pitter, or Hirosal Egg, form the by joining the opposite

mid and stift to perceive, the Joining of Pyter
mid and stift to perceive, a See Extras Hippernasis.

HIFPORORNE, OF Extras, Pittras, Troop, Egg.

HIFPOCRATICA Facisis, See Extras Hippernasis.

HIFPORORNE, Hyronomewa, In Antiquitys, Laif, or Goodfe, wherein their Hofe Racon were perferned a

see that Hiff Gold corrected.

The Word is Greek, composed of Tire, Equus, Horse,

and Seipe, Curfus, of the Verb Sidepune, curro, I run. HIPPOLAPATHUM, in Natural Hiffory, a Species of Lapathum, call'd alfo Afonk's Ronbarb. See RHUBARE, HIPPOMANES, a Sort of Poifoe, famous among the Anticots as an Ingredient in amorous Philters, or Charms,

Anisotis as an ingredient in amonous Finitiers, or Chairms, See Folioso, Philitras, and CitaM.

Naurallitis are not agreed about the Nature of the Happenamer. — Pliny deferribes it as a blacklift Caronicle, found on the Head of a new been Golfs which the Dam histo off, and cuts, atfoom as the is delivered. He adds, that if the be prevented herein by any other carding it of better, the will not take to, nor bring up, the young.

the young, and Columnello describe it as a poissonous Matter, Servius and Columnello describe it as a poissonous Matter, trickling from the Prodendum of a Mare, when proud, or longing for the Horie. At the End of Mend. Bayle's Dictionary, is a very learned Differsion on the Hippomanus; and all its Vir-tues both real and pretended.

The Word is Greek, Imaqueres, compounded of Imag., Equus, Horfe, and pana, Furor, Fury, Madness.

HIPPOPODES, or HIPPOPOPOS, in the antient Geo-graphy, an Appellation given to certain People, fituate on the Banks of the Soythian Sea; as being supposed to have Hard's Peer.

The Hippopeder are mention'd by Dionylfut, Geogr. v. 510. Melsi, L. III. C. 6. Phirry, L. IV. C. 3. And St. Angulfin, de Civit, L. XVI. C. 8. But the Truth is, by had this Appellation given them on Occasion of their Swiffness, or Lightness of Feot. The Word is composed of Invo. Horse, and wie.

Foot HIPPUS, in Medicine, an Affection of the Eyes, wherein

they continually shake and tremble; and thus represent Objects as if continually fluctuating. See Eye. It is thus called from the Greek, ixx@, Horfe; in regard the Objects appear to shift as much as when we are riding Blanchard.

thing. Bianceory, a Part of the Auricle, or ter Est. See East. The Hirens is that Emisence next the Temples. See

Auguste.

The Word is Lasin, and fignifies Gost. HIRCUS, in Aftronomy, a fixed Star; the fame with Capella. See CAPELLA.

Hincus,

His ces, is allo ufed by some Writers for a Comet, Thussun, Bishop Burner, &c. the History of their own excompatible as it were with a Main, feeningly rough Lives and Times.

His SINS, an Appellation given by Grammarians to the Charact, Bishop Burner that of the Exchangian, the Charact, Si, X, and Z. See Consumants. See

three Conforants, alfo S. X., and Z.

three Contonines, S. A., and E. See Southern and Z.
HISTERIC, See Hysteric.
HISTIODROMIA, or Hystiodromata, the Art of Sailing, or of conducting Veriles on the Sea. See Sattino.
Histophymia is the fame with what we otherwise call
New Yorks and See Navignation.

Hiji.00700010 is the lance with water whereof be-free principles from the state of the control of the control

The Louise Things are, the Difference of Latinde, Difference of Louised, Difference of Louised, the Coarfe, and the Diffarence of Louised, the Coarfe, and the Diffarence. The Word in Greek, composed of rains, a Sath, of resk, the Afigh of a Ship, which come from hups, fig. 4 finand, and deplore, Charle, of Frign., I rank.

HISTORICAL, functhing that relates to Hiltory. See

HISTORY.

Historica Style, Rifferical Truth, Historical Style, &c.
The Donation of Combanin, the Reality of a PopSpan, &c. are Historical Folias, very much controverted.
Herry Screen has published a Historical and Pecical
History in Section in Provided and Sugmented by Morrey,
Mr. Beyle has given us an Historical and Critical Distinmary Lindowin Sicular, Fauler, and Billow Nikologia,
mary Lindowin Sicular, Fauler, and Billow Nikologia,

nny: "Dieleven' Steulus, Viginer, and Bilhop Nicholfon, Ellevieral Librards Art conflict hiefy in the arranging and Tipo Hillories are various incident, for as re conflicte one diffusing of the various lincident, for as re conflicted The principal Qualities of the Hilloriesal Style, are Perficulsity and Berviley. See Struck. Shaft is adorted the Hillories are the structure of the Hilloriesal Hillories are Colomos, is that whole Sant is adorted with BelioSchieto's circuit all around from Bertom to

Top, representing the Hittory and Actions of fome illa-firious Person. See Corems. firions Perfon. See COLUMN.
In Historical Columns, the Figures may be either difposed
in a spiral Line, continued from one End to the other;
as in the Trajens Column at Rome: Or in diffined Bands,
or Gircles, containing to many different Subjects.

and general Knowledge. See Pour'uirron as.
Hispays is divided, with Regard to its object, into the
Hispays of Martine, and the Hispay of Histor.
Hispays of Nature, and the Hispay of Histor.
Hispays of Nature, and Hispays of Hispays, and heimid,
Hispays of Hispays, and Hispays, and Hispays, and heimid,
Vegenthey, Beilli, Fire, Witter, A. H. Wartherland, and Admind,
Hispays, Leilli, Fire, Witter, A. Hispays, Admind,
Hispays, Leilli, Fire, Witter, A. Hispays, Allerson, Leilli, as the Burn, Hannes, Comes, of the See Nature, Reg.
Burlin are Arightist, Disposition of Beile, Hispays, and
Hispays, Lander and Hispays, Allerson, Leilli, and Hispays, Leilli,
Hispays, Lander and Lander and

outh, anny, are not reampres a fittoria celefit, or History of the heavenly Bodies.

Natural History is the fame with what we otherwise call Physiology. See Physiology.

call Physiology, one Physiologo, History, With Regard to Actions, is a continued Relation of a Series of memorable Events, in the Affairs, either of a fingle Perfon, a Nation, or feveral Perfons and Nations; and whether included in a great, or a lattle Space of Time. and whether incured in a great, or a must opace of a me.
Thus, Theogradies has wrote the Highery of Greec;
Livy of Rome; Mesersy, and Fr. Daniel, of France;
Tyrrel, and Echard, the Highery of England; Buchanan
of Scotland; Clarendon, the Highery of the Rebellion;

Thusans, Billoy Burners, See, the Highery of their own Lephons, 2 meria, See, has view the Highery of the Church, Billoy Burners that of the Reiomation, See, Seeval Authors have worse on the Hothool of Reeding, Seeval Authors have worse on the Hothool of Reeding, See, Seeval Authors have not to the state of the Seeval Authors, Seeval and Lephons, See, Seeval, Seev Natural History, is a Description of the Singularit

Gosta, Reveration.

Natural Hirococchilette and Positiques of the Singulation
Natural Hirococchilette and Positiques, and field netrations is undergoes in the Birth, Frogress, End, and Ute of Things—South in Artificial Highing of Indianals; and the Artificial Highery of the Minds; and the Artificial Highery of the Highery of the Minds; and Highery of the Minds; Natural Highery of the Highery of the Minds; Polity Highery of Minds; Minds, Minds,

Sough I Illiony, is that delived without any Art or foreign Crimmore, being only a tack, and fifthing Re-ctial of Things, juli to the Manner, and Outer wherein they the property of the Company of the Company of the Faity, the composited Thies, Jonesson, &C., See Parra, Figurest Hilbery, is that which is further entirely with Millerian.—So the set the Politicals, and Molez Highers at the Great, Romans, and mod of the Modera, with-cut injoying at the Solid or Outhin, the Apparame of Things, difference the Solid or Outhin, the Apparame of Things, difference the Solid or Outhin, the Partial Company of the Parket or Washers, wherein the Parket or Control therein the Parket or Washers, wherein they and Views; and by the Refer to Research, wherein they There are much the mod utiful, and entertaining Hijo-rian.—To this Glaff, may be precisitely referred the High-Trace are much the mod utiful, and entertaining Hijo-rian.—To this Glaff, may be precisitely referred the High-Trace are much the mod utiful, and entertaining Hijo-rian.—To this Glaff, may be precisitely referred the High-Trace are much the mod utiful, and entertaining Hijo-rian.—To this Glaff, may be precisitely referred the High-Trace are much the mod utiful, and entertaining Hijo-rian.—To this Glaff, may be precisitely referred the High-Trace are much the mod utiful, and entertaining Hijo-rian.—To this Glaff, may be precisitely referred the High-Moderns.

Moderns.

Maé Hiltory, is that which, befole the Ormanusco
of agend Hiltory, calls in the Proofs and Authorities of
a figured Hiltory, calls in the Proofs and Authorities of
Letters, Martickly, Octavation, Ge, to wood the Trush
of what is fink — Such are the Hiltoritie, we Collections
of Regloward's Month Argia Therpark Hiltory of Early
Martin and Collections of Regloward's Month Argia Therpark Silver
of Advance's Hiltory of Bearing, the
Authorities Hiltory of Bearing, and
Authorities of Martine
Authorities of the Silver Silver Silver
Authorities of Martine
Authorities of Martine
Authorities of Martine
Authorities of Martine
Description

Millery of the Civil Wass of Greatest's the Hiltory of
Don Millers of the Collection

Hiltory of the Civil Wass of Greatest's the Hiltory of

Millers of the Civil Wass of Greatest's the Hiltory of

Millers of the Civil Wass of Greatest's the Hiltory of

Millers of the Civil Wass of Greatest's the Hiltory of

Millers of the Civil Wass of Greatest's the Hiltory of

Millers of the Millers, is a Pillers or completed of dues

Hiltors of the Millers, is a Pillers of commetted of dues

Sex Rohanci.

Hirrows, in Palanting, is a Pichae compoded of divers
Pigues, we before, repredicting time Translation, or Pice
Pigues, we before, repredicting time Translation, or Pice
Pigues, we have been predicted by the Pigues and Picel Pigues and Pigues Picel Pigues. The first picel picel picel Pigues and Happer Picel Pigues. The Rohancia Pigues Picel Pigues and Happer Picel Pigues. See Chanotava, etc.

HASTRIO, in Sec Contrary.

HADRA.

HADRA.

HOAR-Froft, Pruins. See FROST and PRUINA. HOARSENESS, Rauceso, a Diminution of the Voice.

SECTION SECTION AND ASSESSED AS A SECTION ASSESSED AS A SECTION AS A S

CAYARAN.
Septem Cett, Decel. Rapar. & Reh. Paffaler, are space septem Lett. Control of the Contr

HOC-Tuesday Messy, or Hoxx-Day Meney, a Tribute anciently paid the Landlord, for giving his Tenants and Bondmen Lave to celebrate Med-key, or Hoke-day; in Memory, of the Expulsion of the domineering Danes. See

HORE Day.

HOD, a Sort of Tray for carrying Mortar, in use among Bricklayers

Bickluser.

HODBGOS, a Term parely Greek, figuifying Guide.

The Wood is chiefly afed as the Thie of a Book composed by Antiplien the Guinari, toward to Chief of the Windpost of the Guine the Guine of the Chief of the Windporticularly the Acophali.

Mr. Flades has also published a Difficultien under the finer

Title. In Subject is the Piller of Fire, &c. which went beforce the Pillerlier, as Guides in the Delth of Most cut or

Pillerlier, as Guides in the Delth of Most cut or

Pillerlier, as Guides in the Delth of Piller of Piller, as the Chief of Pillerlier.

ther

Honer page, or Hoven pag, in Law, is the putting to-gether of Lands, of feveral Tenures, for the more equal di-viding of them. See Hoven pag.

HÖDMAN, a young Scholar admitted from Westmisseless
School to be Student in Christ Church College in Oxford.

See Scitioni.

HOE, or How, a Husband-man's Tool, made like a Coorce's Ada, to cut up Weeds in Gradens, Fields, 1%.

This Influences is of great Ufe, and thouch be more employed than it is, in backing and clearing the ferend Corners, Creeks, and Patches of Lond, in fupur Times of the Year, which would be no final! Advantage thereto.

HOG-flors, acong Hausters, a will Boar of three Years.

See Henrine

HOGGET, or HOGREL, is a young Sheep of the fecond Year.

HOGINHINE, or rather Adrinnine, q. d. ferous propriets, or third Night were Servent; is be that comes Guellwife to an Inn or Houfe, and lies there the third Night; After this he was accounted of that Family; and if he offended the King's Peace, his Holl was answerable for him. See Third Night was Him.

HOGOE, properly, HAUT-GOUT, a M. a Mess in Cookery.

denominated from it whigh Sorour or Relift.
In Preparation, In guide and Care vive an envir with a usually four properties, and the second of the second of

containing the tourth Part of a Tun; or 63 Gallons. See Measura, Tun, Gallons, &c. Two of the Hoghests make a Pipe or Bur. See Pape. The Diffillers weigh their Veffels when full, and for a Haghest slive a hundred Weight, 2 Quarters, and 22 Pound, Cask and Liquor.

Cik and Liquor.

INON 5.6/p. or Hone. See, or Hone. Norfolgs, in our suchers Calborn, Diet Moris seen minderma Plathe so, consistent Calborn, Diet Moris seen minderma Plathe so, cast, the found Telipfolg stree Eagler Welfnes, informed as to be seld on the fine Fooring with Michaelman, to a goneral Term or Time of Account. — We find Leafle without Diet Calborn, and the seen of the seen of

In Accounts of Magdalen College in Oxford, there is year-ly an Allowance, pro mulieribus Hockantibus, of fome

Manors of theirs in Hampfore, where the Men Buck the Wo-men on Mandyn, IS contra on Muldery.— The Mensing Ways will not that Day the Women in Merriment Ope to Ways will not that Day the Women in Merriment Ope to Ways will not be the Section of the Section of the Ways will not be the Section of the Section of the HoLld of a Silv, the local Har of the Ship includ-ing all that Part Jying between the Keilfon, and the lower Day of the Section of the Section of the Section of the I all the Holl of the Section of the Section of the Section the Bread Room, and the Boardwain's Room, divided tone the Bread Room, and the Boardwain's Room, divided tone and other by Bells Head.

the Bread Room, and the Boatfwain's Room; a divided from cach other by Bulk-Heads.

The Hald's is the Store Room in a Merchant Ship, or the Place wherein the Goods, at leaft all the heavier and more cumberfome, are flowld. The reft are disport'd between the two Decks; at elast in "Burde Ships, which have their Hald's very shallow, and the Space between the Decks; the

To find the Burthen of a Ship, the Hold is to be measur'd.

See Bux x 1 18 18.

HOLD-Fig., an Iron Hook in Shape of the Letter S, fa'd
in a Wall to retain and (upport it.

HOLLAND, in the Commerce of Linnen, a fine, white,
even, clock kind of Linnen Cloth, chiefly afted for Shires,
the Charles Linnen.

It is wrought Linnen.

It is wrought the Charles of Holland, Frizedond, and
other Parts of the United Provinces; whence the Appella-

The principal Mart or Staple of this Cloth is at Hacrlem, whither it is fent from most other Patts as foon as wove; there to be whiten'd the enfaing Spring.

That manufactur'd in FrizeIsms is the nost effected, and tall'd Frize Holland. It is the firongest, and the best co-lour'd of any of that Finencis. — It is never callender'd, not thicken'd with Pap, as the reft; but is imported in as to comes from the Whitter. — It is diffinguished by its being Xrad, Quarter, and half wide; which is half a Quarter more than those commonly call'd Frize Hollands, which are

Guitz Holland is very white and fine, and is chiefly used for Shirts; being the frongest of any for its Finences, except true Frice. 'Tis just Yard wide.

true Fries. "Tis jett Yard wird.

Alkeanwe Helband, in a very firong Cloth, and wears excerding well. "In about Yard, Quatter, and half wide.

HOLLOW, in Antenichum, a Canarer Modaling, about

an Ament. See Cassasser, "Edit Gefineer, by others

an Ament. See Cassasser, "It is alloy of Fore of three up with an

empty Space in the Middle, for the Coloura, Dumas, and

empty Space in the Middle, for the Coloura, Dumas, and

empty Space in the Middle, for the Coloura, Dumas, and

empty the Herbert, See Sayasse.

Hollow Timer, in Furnication, it a Rounding made of

the Remainder of the Brifers, to join the Currian to the

the final field for any ply'd, that they may

not be for mach appeal in the View of the Energy, See

Towns, the Holmes, fignifici as much as Jostila ammina, a River Hand, according to Bede 3 or plain graftly Ground upon the Water-fades, or in the Water, according to Combaden — Com deadury Holms in Campia de Wedone, Mon.

ein — Cons Andres Helmis in Campis de Wedner, Mon-Hence, where any Place is call by the Name, or where this Spillable is joind with any other in the Name of Place, it signifies a Hac forwarded with Water. — As the Bra-babuts, the Spiploiners, near Bright. — If the Silmation of the Place been term the Water, it may fought as hilly Place for Hilder in Owen, is in Deptily as 11th, or Cliff. for Hilder in Owen, is in Deptily as 11th, or Cliff. Official is bount as the off Section, wherein the whole Official is bount as the Official by Pire; call'd all in the Scripters, Brante-Glorieg, See Sharters and Opras-

The Word is Greek, shipsonow, shappinum, compounded of ship, totus, whole; and nais, Uro, Igne Abfamo, 1 confune with Fire.

funic with Fire.

HOLOGRAPH, in the Civil Law, fornething written
wholly in the Hand-writing of the Petfon who figns it.

The Word is chiefly uted in fpeaking of a Testament,
written wholly in the Testamor's own Hand. See Testa-

The Romans did not approve of Holographic Testaments ; and the Valentinian authorized them by a Novel, they are not used where the Civil Law is in full Force.

The Word is Greek, compos'd of SAG-, all, and 20000, I HOLOMETER, a Mathematical Infrument, serving univerfally for the taking of all Sorts of Measures, both on the Earth, and in the Heavens.

The Helameter is the same with Pantometer. See Pan-

OMETER.
The Word in Greek, composed of \$10, and parps , I ea fore HOLSOM. -- A Ship is faid to be kolfow at Sea, when he will hull, try, and ride well without rolling or labour-

* Ppp

HOLYNESS, or HOLINESS, Sandity; the Quality which relitutes or decommates a Person or Thing buy; i.e. free

HOLNESS, or Houses, smalley, the Quality which conditione or decomines are factors or ling flowy is to. the or exempt of Sta. See Six. or exempt of State are farred, i.e. the spars to the Service of Code, and the Use of Religion. See Sa. can, and Sa. var. or the state of State are for the state of State and the Use of Religion. See Sa. can, and Sa. var. or the state of State are state are state of State are state of State are state of State are state are state of State are state of State are state are state are state of State are state are state are state are state of State are state

CROISADE.
In the Romijb Countries, one Third of the Year is taken
yn is hely Days, Saints Days, &c. In Scotland, they obferre on thard hely Days, bende Sundays.
Hely Wesk, is the laft Week of Lent, calld also Perffers
Week. See Leny and Passion.

Haspy pers, Work. See Lent and Passion.
Holy Thinflay, is what we otherwife call Maunday
Thinflay, See Mannay.
Holy Year is formetimes us'd for the Year of Jubilee. See

HEY ASST IN CONCERNMENT OF THE PROPERTY OF THE

kept. See Ark.

Horness is also a Tide or Quality attributed to the Pope; as that of Majeshy is to Kings. See Title, Qua-LITY, Ec.

Let're, Eg., artising to the Figs., added him under the Keven Kings, artising to the Fig. 19, or 4 MeV There; a Keven Kings, or 4 MeV There; a Lamic Sand-Highen, or Breatlignes Fater. See Vorz. Ancieculty the Inter Title, Hebrughy, was given to all Bi-flows a supera to St. Ampolin, Jarensson, Nicholan L. Comparer Silbergh with Bull Bentines, Fater Highery, The Greak Emperos of Confinentiately were also Addeded. The Greak Emperos of Confinentiately were also Addeded. The Greak Emperos of Confinentiately were also Addeded Silbergh Emperos of Confinentiate Silbergh S

it to the Pupe.

Order of the Holl Ghod, is a military Order in Prance, the principal, in Point of Dignity, in that Kingdom. See Order and Kniohr.

URDER and KNIONT.

It was infilitated by King Henry III. in 1569, in Memory of three great Events happening on the fame Day, etc. bis Birth, Accellion to the Crown of France, and Election to that of Podersky, and is to conflict of roc Knights only, who, to be admitted, are to make Proof of their Nobility Events Electrons. r three Defoents, The King is the Grand Mafter or Sovereign, and takes

the Oath as fach on his Coronation Day; whereby he fo-lemnly yows to maintain for ever the Order of the Holy Ghoff, without ever fuffering it to fhrink, fall, or diminish, fo long as it is in his Power to hinder it; and never to attempt to alter or difpense with any of the irrevocable Staof the Otder.

The Knights are all to wear a Gold Crofs, hung about the The Knights are all to wear a Gold Corfs, bug about the Neck by a blac Silk Ribbon or Collar; a and the Chicar Rock by the Silk Ribbon or Collar; a subsequent of the Silk of Silk of the Silk of Silk of the Silk of Silk, that of S. Michael is conferred, as a excelling Disprec; for which Silk of Sil

aurrous from the Centre, and widening to the Ends, where the returning Lines divide each of them into two fharp Points, upon each of which is a Pearl. See Ca oss.

From the Intervals of the Circle between the Arms, iffue

From the latervals of the Circle between the Arms, silve four Flower-de-luces. — This is the Crofs worn by the Knights of the Order of the Holy Ghoft in Frence. How.* Rocat Days, a Feltical oldered by the Ramana Catho-licks, in Memory of the Exaltation of our Savious's Crofs. See Exacraziones of the Croft. Hours-water Sprindle, among Hunters, figuifies the Tail of a Post. See LAIL.

of a FOX. Sec TAIL.

HOMAGE, Or HOMMADE, in its general and literal
Scafe, denores the Reverence, Refpect, and Submiffion
which a Perfox yields his Maller, Lord, Prince, or other
Superior. Sec LOAN, 650.

HOMAGE, HOMAGERM, HOMMINUM, in Law, is an Engagement or Promise of Fidelity, which the Valid or Te-

nane who bolds a Fee, winders to the Lord when admitted thereto. See Flee, Vassal, Lonn, &&.

The Word is formed of the Latin, Home, Man; by reafon when the Tenast takes this Oath, he Lays, £29 accessing the Control of the Control of the Control of the Tenast, Homoge of this Tenast, Homoge is call'd Mandows! So the Homoge of this Tenast, and the Mandows! of this Tenast, is all enc. &&e of £111.

fol. 64.

In the original Grants of Lands and Tenements by Way of Fee, the Lord did not only tye his Tenants to ecreain Services; but also took a Submission, with Promise and Oath to be true and loyal to him as their Lord and Bene-

"This Submittion, Etc. is called Homoga, the Form whereof, as a spapinted by Start, *I Zelon*II. is in nick Wordst Where I Freemen final do Jounge to his Lord, of whom he hold-like the property of the start of the start of the Hondon final the John of the Lord, and thall by whites, "I become you." Man from this Lby forth for my Life, for Member, and it was well been start of the sew thy Brooker, and thall may be un by Etils for the or worldy Brooker, and that low you my Etils for the and the sew of the Hondon for the world with the Lord of the Etc. for which Homoga in the Lord of the Etc. for which Homoga for the Lord of the Etc. for which Homoga for the Homoga for larged the large of the This Submission, &c. is call'd Homoge, the Form whereof,

ispord to have a none immediate Relation to Service in War ja har likewister disacts the Exception, Not. 2007.

Me side, and the side of t

Fidelity is taken storage, which is a Donation made the Homoge of Dessites, which is a Donation made the Church, and does not import any Daty or Service at all. Hamoge of Freeze, which a Person makes to another after a Reconciliation, as an Affarance that he will no longer

Affiding by Frame, wanter a person manes to among aner distinbub like see, 16c. Militarose that he will no longer for Minning, again, in divided into over, i.e. that perform'd spec the Grant of the Fee 3 and Angelon And his Amerikae. Time out of Minch, have held that hand of the Lord soft in Ancesten by History. History, is in bound to sequit the Trauma again all other Lords show him, of every the Trauma again all other Lords show him, of every to his Lord, and is impleated, and vouches, the Lords to surrently, the Lord is bound to surrant, him; and if the Teams goals, it is bound to surrant, him; and if the Teams lock, he thalf recover in Value against the Lord, fo case livel, he thalf recover in Value against the Lord, is

much of the Lands as he had at that Time of the Voucher, casy Time after. See Veneurs, 1 as Court Enrag.

Hossac is allo wide the Jury in a Court Enrag.

Hossac is allo wide the Jury in a Court Enrag. to the Lord of the Fer. See Jury and Court. Enrag.

Hossac is allo taken, in some Catte, for the particular Hossac is allo taken, in some Catte, for the particular HOMAGER, a Yerfen that does, or is bound todo, Homego to member, See Hossacs, was the part as the property of the Catter of the

mage to another. See Homage.
This Lordship is so extensive, that there are above 120 This Lording is to extensive, that there are above 120 Tenants or Homogory therein.

HOMAGIO respectiveness, is a Writ issued out to the Effichences, commanding him to deliver Seifin of Lands to the Heir that is at full Age, notwithstanding his Homogo not

being done. HOMESOKEN. HOMESOKEN, or rather Hamsonen, the Privilege or Freedom which every Man bath in his Houfe. — Hence he who invades that Freedom, is properly faid fasere Home-Sec HAMSOKEN.

Johan. See Haisdern.

This ferms to be what we now call Burglary, which is a
Crime of a very heisder Nature, as being not only a Breach
of the Kingle Yeace, but a Breach of that Liberty which a
Man hath to his Houfe, which, as we commonly flay, floodl
be his Calle, and therefore ought not to be invaied. Bradlow
life, N. See Burglan.

06 his safter and safter and safter an impunity to those who have The Weed is allowed and for an impunity to those who have committed this Chine—Hamilohne, for est quience off the security and the safter of the safter safter of the security course passen Regis, Garage of the Security transportations in course suffer. W. Theore, 20, 20, HOME-fall, a Mantion House or Seas in the Country,

HOMER, or OMER, a Jewis Measure, containing the tenth Part of the Epita. See Mrasure and Epha. HOMICIDE, in common Law, the killing of a Man.

HOMICIDE, in common Low, the killing of a Man. It will wide more estimates and witherbears, and communication with a feet Furgist and Mind to Juli 3 and is citized with a precedent blade, or without. The Somer is Marsh a precedent blade, or without. The Somer is Marsh a precedent blade, or without. The Somer is Marsh a precedent blade, or without. The Somer is Marsh a Perfor in the Realm, bring under the King & Percellon. See Warnara and Marshaccurras. Canal or mixtd—Mercily optical, is where a Perfor kills another by pure Mild-Annex, being about his land/in Cactions; a sin the Cale of an Ast Hipping out of a Marsh Hand, or dailing off the little and the state of the Marshace, being about his land Cactions; as in the Cale of an Ast Hipping out of a Marsh Hand, or dailing off the little It is accounted main's, when there is Negligeron, or for most object with a fine of the Percellon, or Sermon deliveral to the People. See Saxuon. The Carel Word, January and Carellon, or Sermon deliveral to the People. See Saxuon. The Carel Word, January and Carellon, or Sermon deliveral to the People. See Saxuon. The Carel Word, January and Handward and Carellon, or Sermon deliveral to the People. See Saxuon. The Carel Word, January and Handward and Marker to Milestand with the Carel to the Discopling, or a Pather to the Children. It is divided into voluntary and caftual,

his Children. All the Homilies of the Greek and Latin Fathers are compos'd by Bishops, ... We have none of Tertullian, Clemens Alexandrimus, and other learned Persons; by reason, in the

Alexandrinin, and other learned Perfon; by reafin, in the first Ages, none but Billops were admitted to preach. The Privilege was son ordinarily allowd to Prefets rill roward the Vth Century.— St. Chrysfews was the first privilege was the property of the Privilege.

Photins diftinguifhes Homily from Sermon; in that the Homily was perform'd in a more familiar Manner; the Pre-late interrogating and talking to the People; and they, in their Torn, answering and interrogating him: So that it was their Torn, answering and interrogating him: So that it was properly a Conversation; whereas the Sermon was deliver'd with more Form, and in the Pulpit, after the Manner of the

There are several fine Hamilies of the Fathers still extant; and particularly of St. Chrysosum, St. Gregory, Sc.
The Word is Greek, suniz; form'd of sun@, Catus,

Affembly, Council.

HOMINE capto in Withernamium, a Writ for appre

HOMNINE capto in Withernamium, a Writ for appre-hending him that has taken any Bondinan or Wenna, and led himse her out of the County, in that he of the camor Houses Replaceds, a Writ for the Balling of A Man our of Frifes. See Bart, Retraver, 65: HOMNINCLAE, Housescott, an Intelligent of Mon-oried Prifes. See Bart, Retraver, 65: HOMNINCLAE, Housescott, an Intelligent Name when Workingsort of a Mon. See Appetition whose them Workingsort of a Mon. See Appetitional Principal As the Orthodox minimized that I Fair Carrier was God-ma; the Application of the Monor and the See Applica-tion of the Principal Company of the County of the County of the Principal County of the County of

call'd them Hamintowist.

The Word is form'd of the Latin, bana, bominis, Man, and cots, I worthip.

HOMOCENTRIC, in Aftronomy, a Term of the fame Import with emecuritie. See Goncanyrate.

The Hypothesis of Pallowy is replaind by means of divers benneemeric and executive Circles, See Exernyrac, Ec.

The Word is dreek, comproid of fast, alke, familiar, and

navor. Centre.
HOMOSOPTOTON, samernera, a Figure in Rhetorick,
HOMOSOPTOTON, samernera, a Figure in Rhetorick,
where feveral Members of a Sentence end inlike Cafes.
HOMOSOFTELEUTON, againstance, a Figure in Rhetorick, where feveral Members of a Sentence end allke.
HOMOGRASOUIS, or HOMOSOR SEATE, is a 7 Term apply'd to various Subjects, to denote, that they confift of
ministr Pater, or Pater of the Earne Neater and Kind.— In

contra-diffusction to Heterogenesis, where the Patrs are of

contra-diffaction to Hetergenesus, where the Parts are of different Natures, on the generality, are composed of the measurement of the property of the propert

Nature. See NUMBER. Homogeneat Shrift, are fuch as have one common radi-

cal Sign; as $\sqrt[4]{:27}$, and $\sqrt[4]{:3}$. See Surn.

HOMOGENEUM, Composationis, in Algebra, the known
Quantity in an Equation; call'd also Absolute Number. See
Equation, \$60.

Quanty is an aquation; a see a new party in a Requestion; for Comparition, to Requestion Comparations;, of Comparition, to River Action the other Terms; which the Eurogeostous as well as this, i.e. a luways rain'd to the fame Degree of Power, are not the Quantities to which Things are here conspared or referr'd.

Compar's or referred.

HOMOIOMERICAL Principles, a peculiar Kind of Principles, fuppord, by Anaxogorss, in all mix'd Bodies; being determinate Numbers of fach fimilar Principles, as, when they came to become Parts, e.gr. of an Animal Body, would there make fuch Maffes and Combinations as their

would more made just haites and Combination as their about my circle to Sungillary Particles would then because greatly circle to Sungillary Particles would then because the conflicted Union, the Officess ones Benes, the Camerous Fifth, §65. See Banker 124.

HOMOLOGATION, in the Civil Law, the Act of comming or rendering a Thing more valid and following, by a Pablication, Repairition, or Recognition thereof.

Pablication, Repairition, or Recognition thereof, monthly the property of the Committee of the Committe

nothing but to get it beworkgared.

The Word conves from the Greek, διακορία, Confirst, Affent, form do f sisk, fimilis, allee, and λογ. ο λίγρος, deeve, to iay, q.d. to fay the fame thing, to confirst,

agere.

HOMOLOGOUS, in Geometry, is apply'd to the Sides

HOMOLOGOUS, in Geometry, is apply'd to the Sides

of fimilar Figures; which are faid to be hemologous, or in

Proportion to schotcher. See, Shanilan.

Thus, the Bale of one Triangle, is homologous to the

Bale of another fimilar Triangle; So, in fimilar Triangle, it

the Sides opposite to equal Angles, are faid to be homologous.

One of the National Conference of the Sides of the Sides

Equiangular or fimilar Triangles, have their homologous

Equinoplas or finales Triangles, have their honologues folial proportional, and folial red to the control of t

See Proportion.

Homologous Things, in Logick, are fuch as agree in Name, but are of different Natures. — These coincide with what we otherwise call Equivocal Terms. See Equi-

HOMONYMIA, in Logic, an Equivocation. See Homo.

HOMONYMUS, or HOMONYMUS, in Logic, is applyd to a Word which has two different Meanings; or experies two Things of different Nature and Quality.

Homogeneous is the fame as Epinical. See Equivo-

The Word is composed of sust, finilis, and the Ionic oruses. tor orans, Miller, Ivame.

HOMOOUSIOS, quasifor, among Divines, a Being of
the fame Substance or Effence. See Substance. See also amc.

Person, §6.

HOMOOUSIANS, HOMOBSIANS, HOMOUSIONS, HoMOUSIONSTE, HOMOUSIANS, are Names which the Arians
anciently gave to the Orthodox, by reaffor they held the
God the Son is Homocouffest, i. e. confubitiantial with the Fa-

ther. See HETZROUSIANS. Hinneric, King of the Vandals, publish'd a Reteript, directed to all the Homansian Bishops. See Prason, &c.

The Word is Greek, busines, or susinas, fignifying of

HOMOPHAGI, among the ancient Geographers, a Name given to certain Nations who fed on raw Flesh; as the

cythians, Ec.

The Word is form'd of sup, crade, raw; and suy, I

HOMEIN.

HOMUNCIONATES, a Name the Arians gave to the Orthodox, in the IVth Century; by reafee they admirted uso Sabilances and rewo Natures in Jefas Chrift. Followers of Poteins and from him alto call'd Photninius. See of Poteins and from him alto call'd Photninius. See

PHOTENTANE

They had this Appellation in respect of their denying the two Natures in Jesus Christ, and holding that he was only mere Man

mere Man,

The Word is form'd of the Latin, Homuncio, a Diminutive of home, Man 1, 9.5. little Man.

HOMUNCIONITES, were a Sect of ancient Hereticks,
whosh diffingulifing Dogma it was, that the Image of God
was impress d on the Body, not on the Seul or Mind of

Man.

HOND-babend, in our ancient Curious, from the Streen,
bend, Hand, and babens, having; a Circumitance of a menifest Thefi, when the Parry is taken with the Mainor, or
Mainover, i. e. the Thing folion in his Hand.

Brofton also are should be the days of the should be the shou

See HAND-habend. manifights. See Hann-Babend. So in Flets, Eurstom manifightus oft vibi aliquis latro de-prehenfus feifitus de aliquo latrocinio Hand-habbind, es Back-berinde, es infectutus fiveri ser aliquen cojus res aliquo fiveris, que dicitur Sectorgh, es tune lices insfectueri reus fiam petere

initialiter us firstam.

It also fignifies the Right which the Lord hath to judge ad determine of this Offence in his Court,

HONE, a fine Surt of Whet-flowe, whereon to fet a Razor or Penknife It is of a yellowish Colour, being Holly-wood petrify'd or chang'd into Stone, by lying in the Water for a certain

or changed into Stone, by lying in the Water los a certain Scrifton. See Paralifaction. Of thefe there are faid to be force in Onfort@firet, that will be that sperifyd in a very thort Time. HONEY, Mol, a fweet fort of Juice fackld from Vegeta-bled by the Beer, and reportied in their Combs. See Wax. Honey is properly one of the Juice affected by the Beer, and it leads to exactle from all Scotts thereof; the Bookers and it leads to exactle from all Scotts thereof; the

Flowers, and is found to exade from all Sorts thereof; the very bitterel; as Aloes and Golosymb, not except the Bottom of the Petals, is 'found a vikid, raddy, 'focet Juice in good Plensy; whence it is, that we fee the Children gether Coefflys, 'Beveglova, 'Brusy-fackles, 'get,' and fack the Bresy from them. — The Bees not wifit the Elowers; and putting in their Proboticities, or 'Trants,' fack out the

and gruting in their Probofolding, or Tranks, fact our the Hamily Shiftin, and and their Somantic therewith; a to be Hamily Shiftin, and and their Somantic therewith to that Hamy is a vecetable Shifting. In their Combis — do that Hamy is a vecetable Shifting in the Hamily Villen the Animal Shoft with Villen the Combine of the Hamiltonian Animal Shoft this Villen the Combine of the Head Brune be-veren the van Jaw, which is exceeds wider than ordinary, the work of the Hamiltonian of the Hamiltonian ordinary, the Hamiltonian of the Hamiltonian ordinary, the vector the van Jaw, which is exceeds wider than ordinary, the Hamiltonian ordinary that the Combine of the Hamiltonian Dope Jurgene to the Illigit Cap Hamiltonian ordinary, the Hamiltonian ordinary that the Hamiltonian of the Hamiltonian Probedels, and difference is a new, — When a Cell is filled Was Hoose, they find it as with Villen and Was Hamiltonian ordinary.

WAX. Honey was anciently taken for a Dew that fell or defcended Honey was assecting tracen for a Dew that feel or detected on the Flowers; but what proves this a Miffake, is, that the Bess only gather it after the Sun is up, when there is no Dew left: It must therefore be either a Liquor prepar'd in the Flower, and excreted by its proper Veffick, fike Manna. See MANNA.

Or rather, it appears to be the fine Duft, or Farina Fecun

Orenice, it is pears to be the first Dalf, or Parisa Pean-lanes of the Apheas. Pros, according to the Otherwatenes of M. do Francy, the Been, when in the Search of Honey, for Charles and Charles, and the Charles of the Charles What is very remarkable, is, that Honey, in Virne of Int What is very remarkable, is, that Honey, in Virne of Int Honey, the Charles of the Charles of Charles of Charles (Charles) (Chymical Queffice, view, Whether there is any four the High Teney for the Paris of Soldiess as Extractly careful in the Linds Victors of the Indick, to not void of Inn., we may deligate design perio. So: Gas any affirm — The white, Calle and Fragie Honey, trickles out Fournessonly from the finel Protein Honey of the Charles of the white, Call also Frazie Honey, trickles out Fournessonly from the Complex yearing its post Peanlagh; i.

from the Comb, by turning it up or breaking it.

The fecond is fqueez'd from the Combs in a Prefs, after having first soften'd them with a little Water over the Fire.

having arti tottend them with a little Water over the Fire.

— There is alfo an intermediate Sort, of a yellowift white
Coloar, drawn by Expertion, without Fire.

The Homey left to fland two or three Days, purges itfelf;
shrowing up a Seum of Wax and other Droft, which is to
be taken off,

Some Naturalifis will have the Honey to be of a different Quality, according to the Difference of the Flowers or Plants the Bees fuck it from, — Accordingly Stratio relates,

that there is a Kind of Honey in Poutus, which is a strong Poison; being procur'd by Bees which feed upon Aconite and Wormwood.

Wormwood.

F. Lambetri, in his Account of Mingrelia, affures us of the contrary; and affirms it the best Honey in the World, by reason of the great Quantity of Bawm growing there.—
He adds, that there is another very white Kind of Honey, bard as Sugar, and which does not stick to the Hands. The Ancients rank'd Sugar and Manna among the Species

The Ametents rune a ongot and Manma among the opecies of Honey. See Suo as an OMANNA.

Hency has confiderable medicinal Virtues; being reputed a good Destregent and Clesnife; and in that Quality affed both internally and externally, for the Vifora, Wounds, Ulicts, see 80

Honey is the Bafis of feveral Compositions in Pharmacy.—
Of Honey, with the Addition of Rofes or Violets, Mercurialis, Etc. is made Mel Roglamm, Mercurials, Etc.
There is also a Mol Scillineous, or a Preparation of Squiller: Mol Pagliatum Violences, made with Raisins boild in hot Water: And Mel Antholyanus, made of Rofes

mary Flowers The Chymists also draw a Water, a Spirit, an Oil, &c.

from Honey

room Hausy.

Hency is 60 an Impredient in feveral Drinks, as Manu, Photop in 60. See Mossey, Merriscense, Geo. Berthelle, and the Hency of Hency of the Hency of Honey.

Honex-Dew, is a fweet-tafted Dew, found early in the Morning on the Leaves of divers Sorts of Plants, See

Money Deep collisions, see the very different Name From Bildlings, being caused by the condensing of a fit and the condensing of the condensing of a fit and the condensing of the c

A Shower of Rain faceceding prefently after the Fall thereof, or the Wind blowing stiffly, are the only natural Remedies against it.

Henry Code, is were Struken, fall of Colls, finned by the Bees to depoir their Henry, Engl, the Colls, finned by the Bees to depoir their Henry, Engl, the Sec Cata, The percentage of the Henry Code, and the Henry Labour is distributed requisity surround them, showing the Colls have offen been admird, — Their Labour is distributed requisity surround them, showing the Henry Code of the Hen not be loft.

there as Rine whoth Balancis is to take sheek, that step may
M. Mentall his all the clearly, that the Best hat polish,
the Walls, work lenger than those that baild them as it
flow, work lenger than those that baild them as it
flow that the work of the state of the state of the state
They began the Work as at a Table Hirty, fallening
is to the note floid Pert theoret, Theme it defined downwork, being control for To proper theoret, and from cowwork, being control of for To proper and the state of the state
power of the Cells, of which the Heave flow in made, is
a four of rempt'ed Wars that is percey much like Glas. The
Perror of the Cells, of which the Heave flow in made, is
Square and equitateral Tritingle, but the Advantage of including a general Square within the time for force. Ment of a
Piece of Ordinace when it is ill call, and from conHONT sait from Mad 9 Pieces, 4, at Join to this track
The Lingshow of the General Scharter.

HONOR HONOR ABLE See HONORARY See HONORARY HONORARY (HONORARY.

HONORIACI, in Antiquity, a Species or Order of Soldiery, under the Eaftern Empire.—It was the Houserist that introduced the Gettin, Vanisali, Alani, Sueva, &c. into

Soliton. Soliton products, pattern, soliton, sol

floms, &c. (See Manon, Service, &c.) So an Ho

flums, Gr. (See Mason, Stavics, 26:) So an Homore contained driven Memory, Stalph-Fee, 26: Report Fee 1 being always held of the King in Capitt. Spelmon, Ancient, Homor Signity, the Brace 28 Testing, Memory by the Brace 28 Testing, 10: See 13: The King is improved by By Sent 37: Hin. S. cape, 18: The King is improved by By Sent 37: Hin. S. cape, 18: The King is improved by By Sent 37: Hin. S. cape, 18: The King is improved by By Sent 37: Hin. S. cape, 18: The King is improved as a many other Humans as he will. — The Manner of creating a many other Humans as he will. — The Manner of creating the Humans as he will. — The Manner of creating the Humans as he will. — The Manner of creating the Humans as he will. — The Manner of creating the Humans and the Humans and

Counfellers of Honoura, or leavenery Counfellers, are fuch as have a Right to enter or fit in Affemblies, Couras, &c. to deliberate or give Judgment in the fame, the' they do not

properly and ordinarily belong thereto.

The Honours of the Lowere, are certain Privileges affected

The Humans of the Luness, are certain Pervisions afficied of orders Direction or Offices, permicularly those of Dates, of the Commission of Dates, personal order of Dates, to have the Tibearst or Stool in the Ogoscu's Perfence, Ex-The Humans of the Humps, are certain Correconics ordered in receiving Visin, making Entertainmence, Exp. performed in receiving Visin, making Entertainmence, Exp. performed for that Purpol's a, are, go and receive the Goetile, but conduct them out spain, so for they be well feated, help them to the choice Hus, I.G. And all this in a polite agreeable them to the Commission of the Commission Manner

Diamet.

The Honours of the City, are the publick Offices or Employments thereof.—He has been Conitable, Overfeer of the Poor, and Church-warden, of his Parift 3 Common-Councilman, Alderman, and Laftly Mayor: He has paird all the Honours of the City.

The Honours of the Church, are the Rights belonging to the Patron, &c. As a Seat and Sepalchre in the Chancel, to be first ferr'd with the conferrated Bread and Wine, &c. be first fiered with the conferenced Breid and Wine, Efe.
The Housers is also and for the principal Parts of the
Apparatus of great Certemonies, as Coronations, Conference, Christians, Christians, etc.
Such Lands or Laddes bore the Housers as tach a Ceremony,
In Obscipales, they anciently perfected the Housers, that
is, the Sheid, Crell, Sword, Gantlets, Spain, Banner,

Horie, &c. Husers Honours, are the Ceremonies perform'd at the In-terments of great Men; as Hangings, Hearles, Funeral Ha-rangees, &c.

Criminals.
It confilts in this, that the Offender is deliver'd up to the

It consists in this, that the Offender is delivered up to the common Hangama, who having first just no this Shire, and paids him on the Coart, where he is to beg Pardon of God, the King, the Coart, and his Coarty, Sometimes the Paulifluent ends here, and American Coart, and the Coarty, Sometimes the Paulifluent ends here, and American Coart of the Coart, and his Coarty, Sometimes the Paulifluent end here, and American Coart of Hoston Aste. Orifinatries, in Heriadry, are the principal Ordinaties or Heriad, which, when their full Extent, may petite use Third of the Field.

See ORDINARY.

Some only allow of nine, rice, the Creft, Chief, Pales, Send, Kiff, Cheeron, Ladderr, Green, and Ejinteen and Markey, Green, and Ejinteen and Markey, Green, and Ejinteen and Markey Company, and the Company of the Company of the Company of the Company of the Names Sake, we whost colony and of the Pantis and the Names' Sake, whoster of the Company of the Pantis and Company of the Company of the Names' Sake, whoster of the Company of the Pantis and Company of the Names' Sake, whoster of Company of the Pantis and Company of the Names' Sake, whoster of Company of the Pantis and Company of the Names' Sake, whoster of Company of the Pantis and Company of the Names' Sake, whoster of Company of the Pantis and Company of the Names' Sake, when we want to be company of the Names' Sake of the N

HONOUR. In the College of Physicians, Lossian, are four Honouvery

See COLLEGE Pellows, See Coelege.

The Royal Academy of Sciences at Paris, confifts of four Claffes of Members, eva. Humanary, Pentionary, Affociates, and Adjuncts. See Academy.

The Homerstry are to be rwelve in Number, and all In-habitants of the Kingdom. HONOURARY Servees, are fuch as relate to the Tenure grand Sergeanty, and are commonly join'd with fome

of grand Sergeauty, and are commonly joind with form Limens. See Sarviard for a Lowyri Fee, or a Salary given to publick Profitions of any Art or Science. Hostowanar Yalmer, is a Period of Quality appointed to have an Eye over the Administration of the Admins of a new and the Common Common Common Common Common terms of the Common Common

HOOD. See CNAPEROON and CUCULLUS.
HOOD, in Falcoury, is a Piece of Leather, wherewith the
Head of a Hawk, Falcon, or the like, is cover'd. See

Head of a Hawk, reason, or Hawk, facis to be fitted with a large caff. Hawk, the is to be fitted with a large caff. Hawk, which is to be taken off and put on very often, warehing her two Nights and handling her frequently otten, watching her two Nights; and handling her frequently sod gently about the Head. When you precise the bas to Averdine to the Hoot, under her in an Evening by Candle-light, continuing to handle, hood and muhor her, as heliur; i till at laff the takes no Officne, but will patiently endure headling. See Hawring.

hardling. See HAWEINO.

After unfecting, anoist with the Finger and Spirtle the Place where the fooling Thread was drawn through; then East her, and hold been or your Fit all Night.

As from as fite is well recisim'd, let her its upon a Peech; but every Night keep her on the Fift three or four Hours, tiroxling, doning, and underdefing. See. And than you may do in the Day-time, when the hart he kard to be deed egerly, without Fear.

HOOF, Ungula, the horny Part which covers the Feet of ivers Animals, as Horfes, Bullocks, &c. See Honn. The Hoof ferves much the fame Purpofes as the Nails of

The Hoff serves much the fanc Purpoise as the Nails of tome Animals, and the Claws of others. See Natl. Coffing. The Hoff of a Horff furrounds the Sule and the Coffing Bonc. — To be good, it fround the of a dark Colora, fornewhat thining, high, finoeth, of a round Slape, but a little larger below than above; floot, that the Horff emey result more on the Toe thin on the Heel; sfornewhat hollow within, having a narrow Frait, and broad Heels. See

The Heef should not have Circles, which are a Sign of its being brittle, and that that Horse, having been often should have a hear should be the many Pieces broke our of it. — A white Heef six commonly brittle.

has had his level frowing by the many Freeze broke over of it. To judge winches the Highly tess of and thanh, lift in judge he level, and consider if it have a Stee found to proposely far for the proposely for

The Infirmities to which Hoft are liable, are, the cashing of the Hoff. Hoof-bound, Hoof-hard, Hoof-hurt, loose Hoof,

Ealls off from the Bone. — This may be remedy'd by Care and proper Application 1 a new Hoof being procurable, if the Coffin Bone, 25c, be not hur.

Horfes founcimes eaft their Hooft by reason of some Prick,

Hordes tomerumes call their Hosp by reaton or tome Pricky, Stub, founding, forbating, or other Accident, that caufes an Impolthumation in the Foor; so that the Hosp, and some-times the Cossin Bone, being spungs and easily broken, fall off in large Pieces. The last when it happens is de-

specials.

Hoop-deums, is a flurishing in of an Horfe's Hoof on the Top, and at the Heel; which makes the Skin stare above the Heof, and to grow over the fame, it befals an Horfe divers ways, either by keeping him too dry in the Stable, by strait shoeing, or by some unnatu-

ral Heat after foundering.

rall Heat after foundering Bealls, effecially Oxen, if the Hoof-bear — In labouring Bealls, effecially Oxen, if the Hoof-bear — In labouring Bealls, effecially Oxen, if the Hoof-bear of the State of the Hoof-bear of the Hoof-bear of the Hoof-bear of the Hoof-bear of Cler.

Hoos-beford, is a Difficultion or dividing of the Horn or Cellino at Horse's Hoof from the Flelh, at the fetting on

of the Coronet.

If the parting be round about the Coronet, it comes by means of foundering; if in part, then by a Prick of force Channel-nail, Quitter-bone, Retreat, Gravelling, Cloying, or the like.

or the life.

The Signs of being lootin'd by foundering, is its breaking first in the fore l'art of the Coroset, right against the Tors; becaste the Hammora sleave defends towards the Tor.—If it proceeds from pricking, graveling, or the like, the first will book one of the the constraint of the life will be the life will be the might above the givened l'art, and rarely be feen to go any farther.

go any farther, is an Infrasiry that forevirus helds your Hoo-year! he are covering or wrought hard, which make the property of the property of the property of the Hoof Editing down and fetting there as which if not freedly removal will beget a wet Spavin.

HOOK in Angling, Eds. See Anotine, 556.

HOOKS, in Buildings, Eds. are of various Sorts; formed from, and of seeds, which are concernly of Braft, and

of Irm, and others of Binti.

"A Amour Binti, which are generally of Binti, and are to Isy up Amus upon, and Come, Monkete, half Files, and the state of the Amus upon, and Come, Monkete, half Files, a Helick are made best of Binti and Irms, and of different Fallomes. Their Use is to fee the Tongrand Fire-Horiel algaind. "A Central Bintis", "Holls for Doors, Contral Bintis", "Holls for Doors, Contral Bintis", "Holls for Doors, William and Files, "Holls for Doors, "Holls for Doors, "Holl for Bintis Holling and Hall for Hold files," Holls for Doors, "Holl for Bintis Holling and Holling and

regether,

HOOP, a Meafure of a Peck. See Prex.

HOP, or Hops, a Plant of the repile Kind, whofe
Flower is a principal logredient in Beer, and other Male
Lequors. See Brewing. See also Bern and Mary-

Leques. See BRAWING. OSC BRO BRID BRID CALL.

Lighter, See Const. His Sockwards, unlike it for Bales or Skinks to hange to or which they who cultivas in place Place for the Paragine,— Is Green is long, flexible, rough, and heiry,— In Leaf indexed like that of the Vree, and overved with a kind of prietly Down like that of the Coumber. In Flowers are of a greenifit Tellow, refembling, both as to Form and Sinc, their of the Frende Bling; and grow in a kind of Bonch or Cultire. In this Flower is a Bucklich butter Grint constant, which is the Seed of the

in the Spring time, while the Bud is yet tender, the Tops of the Plant being out off, and boil'd, are eat like Afparagos; and found effectual to loofen the Body: The logs of the rian ocing cut or, and oou on, are cat ink Apparagas; and found efficular to loofen the Body's The Heads and Teodrils are good to purify the Blood in the Scorbutus, and moth extracoss Differies: Decodring of the Flowers, and Syrops thereof, are of the against petiliential Fevers: Julpes and Apparam ser also prepared with Eggs, for Hypochondriacal and Hyldrical Affections, and to promote the Memiles.

none tie Munits.

The Propagation and Culture of High, bring a Point of fonce Nicey, as well as geat Advantage, we full lay down a lair deytime three.— The certain there is soluting in all intelligent to the propagation of the propagation of

Culture of Hors, and Hor Gardens,

Hops are of divers Kinds: Mortimer reckons four, to the evils Gartic Hop, which is not worth propagating; the long and fourer Garlic Hop, which, the valuable, yet on account of the Redness towards the Stalk, does not bear the bell Price; the long white Hop, which is the most beautiful and fertile; and the soul Hop. Another Author diffinguishes the Hops to be cultivated into the white and grey Binds; the latter being a large fquare Hop, more hardy, and bearing a plentifuller Crop than the former; tho it

and bearing a plentifuller Crop than the former; sho it does not ripne to carly.

For the Stil of Hopt.— There is farce any but may ferre, except flones, vocky, and fitif Clay Ground: The bett, however, is that which is light, deep, and rich; which will be the better it Sand be mixed with it; A bask Garden Bload is also excellent. If the Ground be cold, fift, and four, the bett Means of Interportents it to bars-beat it. and four, the bell Means of Improvement is to barnsbeat it. Morrimer adds, that in Keat, where they effects new Land bell for Hops, they place their Hop Gardens with Cherry Trees and Apple Trees, at a good Diffance; that when the Land is past the belt for Hops, (which happens in about the Vears) the Cherry Trees may begin to bear; and 30 Years after, when the Cherry Trees are fpent, the Apple Trees are constituted in the property of the Cherry Trees are fpent, the Apple Trees are constituted to the property in the Property of the Property Trees are fpent, the Apple Trees are constituted to the property in the Property of the Property Trees are fpent, the Apple Trees

Trees and appear error. A proceeding appear is a base tent Yeard) the Cattery Trees may begin to Maria and any Yeard after, who, the Cherry Trees are Spost, the Apple Trees Area of the Cattery Trees are Spost, the Apple Trees Area of the Cattery Trees are Spost, the Apple Trees Area of the Cattery Trees are Spost, the Apple Trees Area of the Cattery Trees are Spost and the Area of the Cattery Trees are the Flates where each Tallesia or little Flasarious is to be concerned Form, where they reneed to plasts; marining set the Flates where sech Tallesia or little Flasarious is to be the Trees, in American Spost and the Tallesia of the Cattery Spost and the Tallesia of the Tallesia

which are new Shotes, and which old over a not cut off all the new outs. — When the Roots at the defectly, the cent to the new control of the Souli, and Strength of the 18th. — To prevent Budgeg, the Pales are to be made to fine occasion; and particularly toward the Souli, to receive more of the Souli and particularly toward the Souli, to receive more of the Souli of the North Control of the North Control of the Souli of the North Control of the

Sometimes in May, after Rain, the Hills are to be made up with a Hoe, or Spade, or by ploughing; which will be a Means to destroy the Weeds: And 'tis necessary, if the

Spring or Summer prove dry, to water them twice or thrice na ocasum.

Haps there toward the latter End of July 3 and the forward ones are ripe by the Gloß of July 9. Their Ripeness is discovered by their fragrams Secus, their changing Colour, being casily pull'd, and by the brownish Colour of the Secd. High one is deputed when they look a linit browells, and that wishout delay 1 the moil expedition Way, 11, to make a Frame with from Provide 20 excited, land on the make a Frame with from Provide 20 excited, land on the make a Frame with from Provide 20 excited, land on the make a Frame with the Linit Cook of your Kills, or a Blanke tanded round it about the Edges. — On this Device, the Poles, with the Edges. — On this Device, the Poles, with the Edges. — On this Device, the Poles with the Edges. — On this Device, the Poles of the Edges. — On the Edges the Work.

the Work.

They may be supported while were less if the Deer Light may be Shower of Rath bas dare them, the below my be flatten, and they'll dry the footer of Hat has been constructed by the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than they led in the supported by the Weight than the supported by the weight the supported b

Colour,
As fift as the Hofs are pick'd, they must be dry'd: Some
among us, especially the Flemmings and Hallanders, make
use of an Onfor Kilo for this burpose: Others dry them
on the ordinary Malt Kilo in an Hair-Colot: But the best
Way, is to make a Bed of flat Ledges, about an Inch
thick and two ne there lecks broad stime, and hid one on the ordinary fluid Kuli in an Hair-Coch; Ear rhe best thick, and two er here Bocker brank, how, and half our across the other, Checkerwise, the that Way, the Dilmeze parties storther, that her Floor may be even and finouch. This Edward may be not not on these pages for edgessife, to This Bell may reft on two or three pages for edgessife, to This Bell may reft on two or three pages for edgessife, to This Bell may reft on two or three pages for edgessife, to This Bell may reft on two or three pages for edgessife, to This Beller's together at each proper, and 6 is order that Ledges believe the search of the third that the Edges of the Kinh to keep up the Bell, only let no see Side be to the Kinh to keep up the Bell, only let no see Side be no High may be maried on the Thi-Bell or Floor with spec-taging, and final Expense of Beat; believe that any manner Edges to the third of the Thi-Bell or the see that the Edges and the maried on the Thi-Bell or in unid not be for-go, to make Colorevances for it at the feveral Corners and The training of High staff the calcifed and much fecure

Sides of the Kila.

The raming of Highs after the caffed and modif forces Manner, is bond to be not only a Walte and higher to the Edward State of the Control of the Control of the Control of High State of the Control of High High State and Control of High High State a Cover that may be let down and rain'd at Retainey, which Cover may be intial' over, by auditing fingle. The which Cover may be intial' over, by auditing fingle and the control of the Cover which a Force and left of the High, which will reflect the Hattapon them, that the uppermit High will be as foon only and force within a Force and left of the High, which will reflect the Hattapon them, that the uppermit High will be as foon only and he lower, and every High High Control of the Walter State State of the High State State of the High State State

can be up and above, and turn and would in it, a two tack as John should be with the Belt read, that it may been the Weights of the High when the Lind and the High with the High was the High with th

HOPLOMACHI, in Antiquity, were a Species of Glaators. See Graniaron.

The Hoptomachi were those who fought in Armour,

either complexity arm'd from Head to Foot, or only with a The Word is compos'd of the Greek Forase, Armour, and

HOPPER, a Veffel wherein Seed-Corn is catry'd at the

HOPPER, a verific wherein sector-torm is carry a at the Time of Sowing. See Sowing.

The Word is also used for that wooden Trough is a Mill, into which the Core is pure to be ground. See Bill.L.

HORARY, formething relating to Have, How. See

HORARY Circles of the Globe, See GLORE, HORARY Circles, or Lines, in Dialling, are the Lines or Circles which mark the Hours on Sun-dials. See DIAL. Circles which mark the Hours on Sun-dials. See DIAL.
The Harry Marine of the Earth, i.e. the Arch the deferible in the Spice of an Hour, is 15 Degrees 1 oot accurately, feet the Earth movers with different Velodity, and the Arch movers with different Velodity, or the Earth movers with different Velodity on the Company of the Company o

vince is eaten bare

vince is eaten hare.

Herd is properly the Name which the Tarners, who is—
Herd is properly the Name wingdoms of Jiphene used
Zingherin, give to bein' Village.

Singherin, give to bein' Village.

A 16rd confide of yor of or Tors rangle in a Circle,
leaving an open Pales in the Middle, — The Jeahhireans of
cleffed where of is commonly the Capania, and depends on
the Clerard, or Prince of the whole Nation.

The Term Herd Herd is a Tarnerium Word, and literally de-

notes a Minimise.

HORDENTUM, a liquid Medicine, made of Barley, beat and hoild with other faitable lagredients.

HORDENGLUM, in Medicine, a innall Tubercle arising on the Palpebra or Eye-lids. See Palpebra.

It is thus call of from the Levin, Horsteam, Barley, as re-

fembling a Barley Corn.
The Cure of the Hardsolum and Grando, is by Difcutients

ted Suppuratives.

HORDICALIA, or Hordicidia, in Antiquity, a reli-rious Feath held among the Romans, wherein they facrific'd

Carthe by with young. See Frant.

This feath fed on the 19th of John and May by they cannot be presented to the present of the

Finither. The Horizon is either Rational or Souffile.

The Horizon is either Rational or Souffile.

The rational, true, or Affirmantical Horizon, which is all all display and absolutely the Horizon, is a great Cartic, whose Place paties that the Centre of the Earth, and whose Poles are the Zemith and Masir.

South is the Cityle H. R. Cityle B. R. Comput. Wires, which of the Control of the Rational Control of the Centre of the Rational Control of the Rational Control of the Control of the Rational Control

whole Foles are the Zemiso and Nation.

Such is the Circle H R (Tab, Aftronomy, Fig. 52.) whole
Poles are the Zenith and Natir: Whence it follows, that the
feveral Points of the Harizon are a Quadrant diffant from the Zenith and Nadir

the Zozith and Natir.
The Meridian and Vertical Circles, all cut the ratiocal Tree Meridian and Vertical Circles, all cut the ratiocal Tree Meridian and Vertical Circles of the Option of the Option of the Option of the Option of the Option, as by, which divide uthe visible Part In Police of Option of the Opti

Verticals.

Verticals.

The ferefile Horizon is divided into Eaftern and Western.

The Edstern or Ortion Honzon, is that Fart of the
Horizon wherein the heavenly Bodies tife. See Risino.

The Western or Occident Honzon, is that wherein the
Stars set. See Setting.

HORIZON.

EARTH.
The Altitude or Elevation of any Point of the Sphere, an Arch of a Vertical Circle, intercepted between it and the fenfible Horzon. See ALTITUDE and ELEVATION.

istable Heracon. See Arrivers and Exevation. This is peculiarly demonitated forfills Heracon, to difficult the non-the rational or true, which patter through the true the Centre of the Earth, as already other'd.

By furfille Horizon is also frequently meant a Circle, which determines the Segment of the Surface of the Earth, over which the Eye can reach; call'd allo the Physical over which the Eye can reach; call'd allo the Physical

In this Sende we fly a funcions Herican, a narrow Star-y Herizan. To find the Lexical of the Menton, on boot of his Egy, fagrading the Laxth on uninterrupted Gibbs, in a common California of the control of the California of the Egy, fagrading the Laxth on uninterrupted Gibbs, in a common California of the California of the California in California of the California of the Laxth of the California in California of the California of the Laxth of the California california of the California of the Laxth of the California of the California of the California of the California of the Maltin California of the California of the California of the Maltin Ell California of the California of the California of the Maltin Ell California of the California of the California of the Maltin Ell California of the California of the California of the Maltin Ell California of the California of the California of the Maltin Ell California of the California of the California of the Maltin Ell California of the California of the California of the Maltin Ell California of the California In this Senfe we fay, a spacious Herizon, a narrow stan-Herizon. To find the Extent of the Herizon, or how

Fars to the I rangle, — And hill, for the Angle at U, in other to find the Side HE, the Froportion is, as the Side CE to the Angle at H, fo is the Side HC to the Angle at E; which being fibblitractive from 50 Degrees, the Remainder is the Angle at E. Then, as the Angle at E is to its opposite Side CE; fo the Angle at the to its opposite Side CE; fo the Angle at T is to its opposite Side CE; fo the Angle at T is to its opposite Side EH, the

visible Horizon.

visible Harrison.

To the Lakes may be fluenced by adding together the Dr the Lakes Sum of two given Sides, and the Logarithm of their Difference; the half of which two Logarithms, is the Logarithms of the Logarithms will fere us any farther; the Semi-distincter of the Earth is 7,027,550 Yardis; the Highest of the Epis is two Yardis unce, the Sam of Logarithms and the Highest of the Epis is two Yardis unce, the Sam of Logarithms and the Highest of the Epis is two Yardis unce, the Sam of Logarithms and the Logarithms and Sides is 14,023190.

Logar, of which Sum is 7,1468468 Logar of two Yards, the Differ is 0,5010300 Sum of both Logar, - - - 7,4478768 The balf Sum - - - - 3,7239384

is the Logarithm of 5296 Yards := three Miles, which is the Length of the Line E.H., or Diffunce the Eye can reach at fix Feet Height.

ar its Feet Height.

This, at leaft, would be the Diltance on a perfect Globe, did the vifial Raye come to the Eye in a firsit Line; but by means of the Refractions of the Atmosphere, diltant Objects on the Horizon appear higher than really they are, and may be feron at a greater Diltance, effectally on the Sea, which is a Matter of great Uie, effectally to dislover

Sea, which is a Master of great Uis, effectably to discover the Land, Rocks, Foolfille of Hydrography at Marfiller, foolfiller, Foolfiller of Hydrography at Marfiller, found that the Haritan of his Objectusory to the Sea want was never more than 1 Minness, nor left shan 3½ shats, is, the Arbi of the Carcamference of the Earth, intercepted to the Carcamference of the Earth, intercepted when the Carcamference of the Earth of the Carcamference of the Earth of the Carcamference M. Caffigui deducer, that the Eastern of the Haritan is fiven Franch Lengues of there Mules each is and that the Objectusory is 175 point there Males each is and that the Objectusory is 175 point.

bith.
The Farries of the Infrance, are fine Piace, and the Ten Farries of the Infrance, are fine Piace, and the reason in the Ameriphere, which occiding other than the Reference in the Ameriphere, which occiding others in the Reference, because No. 88, Accessors.
Northwest of the American Control of the Infrance in Infrance

molphere, befide the Air titell.

The farme Author obferves, that at a Height much greater than that of P. Land's Obfervatory, he found the Artherinated by the Herizar on the Scaussic, Arthur the Arthur terminated by the Herizar to the Scaussic, Arthur the Arthur than the Arman are the greater, as the Height is the left; which may feem contrary to what he had afterted in another

Haranou in Gogondyn in Sorie pulling area aprim. Plans, cit. that the Variations in the apputer Altitudes. Pure of the Earls, and detailing, the unital Part of the Office are present, as their Chylicia are more Earls and Heavens, from that which is iovifible. See more, by reason they are feen they the larger Quantity of Air, which is all lables to be varyel.— But the Company. Air, which is all list diction may be folv'd.

HORIZON of the Globs. See Grons. HORIZON TAL, forsething that has a Regard to the Horizon, is taken in the Horizon, or on a Level with the See HORIZON

Horizon. See Horizon.
In this Sensie we say, a Horizontal Plane, Herizontal Line,
Horizontal Dillance, Ele.
Horizontal Dillance, Ele.
Horizontal Plane, is that which is parallel to the
Horizon of the Plane, or nothing inclind thereto. See PLANE

The Business of Levelling, is to find whether two Points be in the borizontal Plane; or how much the Deviation is. See LEVELLING

HORIZONYAL Plane, in Perfective, is a Plane parallel to the Harizon, passing thre' the Eye, and cutting the Perspective Plane at right Angles. See Perspective

Horizonyal Line, in Perfective, is a right Line drawn thro the principal Point, parallel to the Horizon: Or, it is the Interfection of the horizontal and perfective Plance. Such is the Line PQ (Tab. Perfective, Fig. 12-) pating thro the principal Point F.

HORIZONTAL Dial, is that drawn on a Plane parallel to the Horizon having its Gromon, or Style elevated ac-cording to the Altitude of the Pole of the Place it is de-

fign'd for. Havizoutal Dials are, of all others, the most simple and easy. ... The Manner of describing them, see under the Ar-

ticle DIALLING.

title DIALLING.

MORIZONY DE 2009, or Love Power of a Ficer of Morizony Law to Lender thefries, when directed parallel to the Horizon, or karisantel Line. See Ranno D. I. Hally gives two very ready Theorems, the one to find the greatelt horizontal Range at 35 Degree Elevation, or the Company of the Compan

varien.

1º A Shot being made on an inclin'd Plane: having the
korizontal Diffrance of the Object is firikes, with the Elevarien of the Piece, and the Angle at the Gun between the
Object and the Perspendicular; so find the greatest horizontal Range of that Piece laden with the fame Charge; that is half the Latus Rectum of all the Parabole made as half the Latus Rechon of all the Parabola made with the fame Imperea. — Take half the Diffance of the Object from the Nadir, and the Difference of the given Elevation from that half; fubfinge the verifed Sine of that Difference from the verifed Sine of the Diffance of the Object from the Zenith : The Difference of the Object from the Zenith, as the Difference of the Object from the Zenith, as the Sine or the Dillance of the Object flruck, to the greateff Range at 45 Degrees.

to finite that Object.— Halve the Dilinace of the Object from the Nating that Isid is equal to the half Som of the two Elevisions tompts: Then for, As the general horizontal testing the Object, for interesting the Object, for interesting the Object of Southernous or Dilinace of the Object from the Canada, but the Object from the Object from the Canada, but we then the Object from the Object from the Canada, but we therefore on the Divinitions foughts which of half the Difference of the Desiration foughts which from the desirable and four. See Part Object from the Object and forms. See Part Object from the Seefact and four. See Part Object from the Seefact and four Seefact and Seefact from the Seefact and four Seefact from the Seefact and four Seefact from the Seefact and Seefact from the Seefact and Seefact from the Seefact from t

HORIZONTAL Sindiers, among Gardeners, are De'ences difpos'd parallel to the Haribeas for tender Plants, Bioffoms, and Fruits in the Spring, against Blasts and pinching

Nichten. The working against John and passing Nichten. The unful Schotten that have doubtly also Radiantes, reduced and the contraint, which are rould up in the Dayling, which are rould up in the Dayling, and the Contraint of the Possicial Schotten, the contraint of the Possicial Schotten, the contraint of the Possicial Schotten, the Contraint of the Earth, into Dayley of Deers, tabled to be Sanfag of the Earth, into Dayley of Deers, tabled to be Sanfag of the Earth, into Dayley of Deers, tabled to be Sanfag of the Earth, into Dayley of Deers, tabled to be Sanfag of the Earth, into Dayley of Deers, tabled to be Sanfag of the Earth, into Dayley of the Possicial Schotter are to be unable by large Rows of Tyles, it certain Dalmaco one above another, in the Sanfaga of Tyles, are the Office of the Sanfaga of the Dayley Wey, Get. "The as Increased Wall, to carry of the Day, Wey, Get. —The as Increased of the Contraint of the Contrain

HORIZONYAL Purallar HORIZONYAL Refraction HORIZONYAL Projection HORIZONYAL Distance

HORN, Corney, a hard callous Substance, growing on the Head of divers Animals. See Animals and Head.

This laid down as a Rule by Some Naturalists, that no Animals have Horns hat those that are clover-footed.

The Horns are usually a double Part 3 informach that

nere is but one Exception, and this too controverted. See UNICORN. The Horus of a Deer are properly call'd his Head. See

HEAD. In the Hiftory of the French Academy of Sciences, we have an Account of a Bullock's Horn dug out of the Ground in ploughing, which had fhor forth fibrous Roots, and ap-

pear'd to have grown or vegetated after the Manner of a Hows make a confiderable Article in the Arts and Manufactures. — Bullocks Horse foften'd by the Fire, ferve to make Lanthorns, Combs, Inkhorns, Tobacco Boxes, &c.

Hows is foractimes also afed for the Hoof of a Horfe, &c.

See Hoor.

Hart's-Horn, Conn Cervi. — The Scrapings or Rafpings of the Horn of this Animal are medicinal, and used in Astringent Draughts, Ptilans, &c. with that Intention. It yields by Diffillation a very penetrative volatile Spirit. See SPIRIT, &c.

Ammont Horn. See Corne Antonomis.

Horn is also a Sort of masteal inframent, of the Wind Kind, chiefly afed in Hunting, to animate and bring together the Dogs, and the Hancers. See HUNYING.

The Hers may have all the Extent of the Trumpet. See

TRUMPET. The Term anciently was, Wind a Horn; all Horns being in those Times compased: But fince straight Horns are come in fashion, they say, Blow a Horn, and sometimes, Saund a

Harm There are various Leffons on the Horn; as the Rechest, Double Rechest, Reyal Rechest, Running or Farewel Re-ghest, &c. See RECHEST.

GOEST, SC. See RECHEAT.

The Hibrers made use of Horns found of Rams Horns, to proclaim the Jubilee 3 whence the Name Jubilee. See JUBILEE.

HORN, in Austomy. See Cornu, Matrix, &c. Horn, in Architecture, is forectimes used for Volute,

HONN, in Architecture, is indicated and for power, See Youture.

Honn of "Plenty. See Connu Corta.

Honn eath Harn, or Horn under Harn (communing clim commonling) when there is Common for could be extensee, Inter-commonling of horred Bealin. See Common and Inter-

COMMOND.

Hoas Work, in Tordientien, a Seri of Out-work adBattlen, or other Place (in-Place) we wake rule

Battlen, or other Place (in-Place) we waker than the rel 1;

and its no public a highligh, the, See Out or work. If Or,

The Northeriton, Fig. 1s, and a Carron NO.— In Sides

or Wings are utilized profiled; the forestiment day approach

"Montal," or Smillers Tail. See Qu's 1s. d'Amite.

"Montal, or Smillers Tail. See Qu's 1s. d'Amite.

"Men de Wings are un long, de forestiment des productions of the conact and concern, see to be foundly with a Panner,

Tryo Himselbert Join! (specific, mark a Corone work.)

See Chown-work

Horn Beam Pellengers, are Trees which have been lopp'd, and are of about twenty Years Growth. See Tree and LOPPING.

Lorento.

Hornotto and Housers, (from the Sonon Hore, and Hounotton judicies The which the Newton, to Budden the Sonon Hore, and Budden the Sonon House the House the House of Lorent Beaths, See Grant Beaths as the thinks good.— Spaintum of many conference and the see thinks good.— Spaintum of some called the official of the Sonon House the Sonon Hornor House the Sonon House the Sonon Hornor H

Photofriaterica, &c. See Dialing.

The Word is compounded of \$650, hers, Time, Hour, and

Yeise, forth, I write.
HOROLOGIOGRAPHY, the Art of making or con-HOROLOGIUM, a common Name among the Laries

Writers, for any Instrument or Machine to measure the Hours withal. See CHRONOMETER.

Such are our Clocks, Watches, Sun-Dials, Sc. Sol CLOCK, WATCH, DIAL, Sc. See all CLERKING A. The Word is originally Greek, depairs, composed of Leg.

The Word is originally orres, separator, compost of sees, burs, Time, Hour, and says, Speech, Disfourde.

Honologium, Honologium, is also a Name the Great give to their Liturgy or Breviary 4 by ration it contains the daily Hours, or the feveral Offices to be reheared each Day.

gibe u beir Liung or Breviny; by senfos it comisis the disciplines, or its fewer Dixto to be relieved by the possible flower, or its fewer Dixto to be relieved by the possible flower of the fewer Dixto to be relieved by the possible flower of the fewer Dixto to the relieved by the flower of the

Jefus Christ.

The Word is Greek, composed of See, here, Hour, and the Verb selections, fpello; confider, — The La-

the Veto exercisors, [Pecco; conjustro, 1 commerc. — I her La-ture cell it Cardo Orientalles.

Honoscore is also used for a Scheme or Figure of the twelve Houses, i.e. the review Signs of the Zodiac, wherein is mark'd the Difficilition of the Heavens for the given Times. See House and Figure, See HOUSE and FIGURE.

Thus we flay, to draw a Harofeepe, confirmed a Harofeepe, &c. We call it more peculiarly calculating a Narivity, when the Life and Forence of a Perfon are the Subject of Percedition; For they draw Harofeepes of Cities, great Enterior of the Percedition; For they draw Harofeepes of Cities, great Enterior to the Percedition of the P

Predictions 1 for they draw Martigoges of Cinics, great En-terprises, Mc.

**Zoner Horoscores, is the Point which the Moon Hilles on et al. which has been been the East.

**Horoscores, is also a Machematical Indirument, in minn of a Panisiphere jub to mod difficel, See Plantis Pann.

It was invesced by G. Pedentust, who composed a Special Territis Exercise.

HORROR, Horrova, strictly fignifies such an Excels of Pear, as makes a Person recomble. — In Physick it denotes such a Shuddering or Quivering as proceeds an Ague Fit; and is often join'd with Rigores and Lumbugines. See Ague,

Frezz, Sc.
Thro' Ignorance of this Acceptation, fome have under-

stood Fear to be accounted by Authors among the antecedent

flood Fear no be accounted by Authors among the auteordent Symptoms of those Differences: HORS de for fies, q. d. our of his Fex, is an Exception to avoid an Action brought for Rent iffuling our of certain Land, by him that peterads to be the Lord, or for forme Cathons and Services.—For if the Defendant can prove the Land to be without the Compels of his Fex, the Action See DISTRICT

Continue of the continue of the description of the continue of

Tog of the Shoulder Block process of the New York and the British of the British process of

the bote PIERS, OF OVER THE WARDEN PRAYS IN THE ANALYSIS OF THE SERVICE OF THE SE

For the Furnisure, &c. of a Horje. See Saddle, Brider, Bir, &c.
Horsz is also us'd, in the Military Language, to express

the Cavalry. See CAVALRY.

The Army confifted of 30000 Foot, and 20000 Horfe. See

In CASTANA.

In CASTANA.

The Help include Help Counts, Help Granaders, and Troops.— Despose on a dis frequently compenhend on the Program.— Despose on a district compenhend on the Program.— Despose on a district compenhend on the Program.— The Help Counts, Help Co

Their Duty is, by Parties from the Guard, to attend the King's Person when he goes out near Home. — When he goes out of Town, he is attended by Detachments out of all

goes out or 10 mm, he is attended by Production.

One of the three Corosa.

One of the three Corosa foot, immediately next his Perfon; carrying in his Hand an Ebony Staff or Truncheoo with a Gold Head

a Gold Heid.

One Division of Granadiers mounts with a Division of the Troop to which they belong; and go out on small Perties from the Cuard, perform Centinel Duty on foot, attend the King also on foot, \$25.

Masser of the Honer. See Masser of the Horfe.

Light Honer, includes all the Harfe except those of the

The Term Light Harfe is fometimes apply'd to an inde-pendent Troop; or a Troop not embody'd into a Regi-

The Denomination arose hence, that anciently they were lightly arm'd, in Comparison of the Royal Guard, which were arm'd at all Points.

were sim'd at all Points.

House, is alfo a Term wfed in various of the Arts and
Manufaletries, for fomething that helps to fulfatin their Work
from the Ground, for the more commodius waveing at it.

The Helfe field by the Tanners, Skineers, call'd alfo the
Teg, is a Piece of Wood care hollow and roundfilt, four or
fare Foot long, and pleed affoyes upon which they pare their

Spinson age of the Dirt, Hair, 19th, 45. Ber Tannira,
Daisson age of the Dirt, Hair, 19th, 45. Ber Tannira,

Skins to get off the Dirt, Hair, Fielh, Se. Sec Tanning, Ceraring, Chamosisho, Se. 22. Second Conditions of the Condition of

divers other Occisions.

Wooter Heric. See Equulibres.
Honaz is also a Rope in a Ship, made full to one of the
Foremai Shrouds, having a dead Man's Eye ac its End,
through which the Pendant of the Sprit-fall Sheets is

Torvid.

Horse is also a Can: Name lately introduced into the
Affair of Lotteries, for the Chance or Benefit of a Ticket
or Number for one or more Days, upon Condition, if it be
drawn a Prise within the Time covenanted for, of returning
to the Seller an undrawn Ticket. See Chance and Loy-

on the Seller an undrawn Tickett. Sec CHANCE AND LOT-TEAT, determine the Vilva of a Halp?— Maleight is, a The Alleight is, the Martin of the Halp?— Maleight is, and mount of the Prince to the Lettery by the Time the Halp?— in the Prince the Martin of the Number of Prince to the Number of Prince by the Value of an undrawn Ticket by the Number of Trices by the Value of an undrawn Ticket by the Number of Trices they the Workship disciplinate. the Construction of the Prince of the Prince of the Con-trol of the Prince of the

torereo.

In this general Senfe, it also includes the Knowledge of the Defects and Diffuse of Harfet, and the Remedies proper for the fame; with the feveral Operations requisite thereto, as Decking, Gelding, Showing, &c. And thus takes in the Farrier's Province. See FARRIER. See also DOCRING, GLEDING, SONING, &c.

But the Word is in a more peculiar Manner underflood of the Art of Risings, or of directing a Horfe to Advantage, not oad yin the ordinary Motion, but more effecially in the unanging or making him work, upon Volts, Airs, &c. See MANAGE, RIDING, VOLT, AIR, &c. HORSE Stoy, a Corve or Defence for the Sole of a Horfe's

HORSE 58th, a Cover or Dehance for the Solic of a 1816/55.

Or. See Storo, Hoove, 6'f...

Of these there are Revent Sorts; as — 1°. The Planch
Six, or Panciett, which is fall to make a good Poor, and
a bad Log; as casting the Foot to grow beyond the Medium
of the Log. It is choole for a work Hest, and will list longer
than any older 58th; being borrow'd from the Molit which
has now folder 58th; being borrow'd from the Molit which
has been solder 58th; being borrow'd from the Molit which
has 1 Canada and Furthers to keep the Feet from Street

1 Canada 1 Ca and Gravel.

and Gersel.

**Short stirt Collins*, which, the Insteaded to Teaure the Harly from fliding, yet are expended by many to do him more harm than good, in the the cannot read evenly upon the harm than good, in the the cannot read evenly upon the trains from Sinera, of recitally upon floorey Ways, where Stones will lost faither the Collins to enter. Double Collins are left harrful, as he treads evene with them than on the flare of the contract of

Hoofs; for tender Feet for to touch the Ground that is hard; But what is intended for Remedy, proves a Prejudice to the Horfs, by adding high Calkins, or Rings to his Shees, as by that means his Heels are made weaker than before.

as by that means his steets are made weaker man netore.

4. Shoes with freeling White or Barders round about
them, are used in Germany, Sec. which being higher rhan
the Heads of the Nalls, fave them from wearing.—Thefe
are the beft Sort of latting Sheet, if made of well tempered
Stuff, as they wear equally in all Parts, and the Harfe treads evenly upon them.

5° Others, who ufe to pid Mountains, where Smiths are one fit eathy net with, carry Sheer short them, with Vice, whereby tally fallen them to the Hoffe's Hoofs without the Halp of the Hammer or Nail. I can it is this nace for Sheer that the Halp of the Hammer or Nail. I can it is this nace for Sheer with the Halp of the Hammer or Nail can be the Hoff that the per with Plain, and prehaps injured in most than the Storest down the Plain, and perhaps injured in most than the Storest down on the Halp of the Others, who use to pass Mountains, where Smiths are

Foot.

6°. The Patten Skee is us'd for a Herfe that is burnt in the Hip, Stiffle, or Shoulder, as it causes him to bear upon that Leg the Grief is on, and confequently makes him use it the better.

8°. The Panton or Pantable Stor, which opens the Heels and helps Hoof-binding.— To which may be added the hale Panton Shoe. Horax Stor in Fortification, is a Work functimes of a round, functimes of an oval Figure, raised in the Ditch of a marfly Place, or in low Grounds, and border'd with a

Use is to secure a Gate, or to serve as a Lodgment

for Soldiers, to prevent Surprizes, or to relieve an overtedious Defence

Sometimes the Diforder arifes from a Collection of Waters in the Head, call'd a Hydrocephalus. See Hydrocepha-

the Town of Horstone, in the Grand Signor's Court, are Up-holfterers, or Tapithry-hangers. See Tapistan. There is no Gry better or more orderly regulated than the Grand Signor's Camp: And to have a Notion of the Mag-nificence of that Prince, he must be sten in that Equipage;

he being much better lodg'd and secontruodated there, than at Confinantianfele, or any other City in his Dominions. He has always two Tents or Pavillons, and two Sets of Furniture entire; that while he is in one, they may fletch

or fpread the other.

or spread the other.

In order or this, he has conflantly four hundred Hortegilers or Upholiterers in his Retinue, who go a Day's Journey before him, to fix on a proper Place. They first prepare that of the Sultan, then those of the Objects or the Port, and the Highestophys, according to their Rank.

HORTHORITHES has been at Conducting. See Case. HORTICULTURE, the Art of Gardening. See GAR-

DENING.
The Word is compounded of Horrus, Garden, and cole, I HOSANNA, in the Hebrew Ceremonies, was a Prayer which they rehears'd on the feveral Days of their Feaft of

which they releaved on the feveral Days of their Ford of Tabermedes. See Tablement's the Tablement's East Tablement Tablement's East Tablement Tablement's East Tablement's East

tion'd. The Jews, also, apply the Term Holsoma Rabba, in a more peculiar Manner, to the feventh Day of the Feast of Tebernacles; by reason they apply themselves more immediately on that Day to invoke the driven Besling, cvc.

HOSE, from the Saxan, Hofa, a Stocking. See Stock-

Hose in Hefe, among Botaniths, fignifies one long Husk

HOSE IN THIS, STONIG DOMAINS, INGUINES ONE UNDATED HER WITHIN STORY, IN BOTANY, a long round Husik within another, as in Pinks, Julyflowers, &c. See Flowers.

HOSPITAL, popularly Setteral, a Place or Building erected, out of Charity, for the Reception and Support of the Poor, Aged, Infirm, and otherwise helplefs. See Class.

'The Word is form'd of the Latin, Hoffes, Hoft, Stranger. See Host.

ger. De Priory.

In the first Ages of the Church, the Bissiop had the immediate Charge of all the Poor, both found and difeas'd; a salfo of Widows, Orphans, Strangers, &c...When the Churches came to have fix d Revenues allotted, them, it was decreed, them, it was decreed, came to have first Revenues alberred them, it was decread, that a leist, see fourth Part thereof fload go to the Relief of the Pace, and to provide for them the more commodically, and the provide for the pace of the Pace o

Psety and Chairry, gave Londs, and friency for creeting or Hespitals. When the Church Discipline began to relax, the Priests, who till then had been the Administrators of Hespitals, con-verted them into a Sort of Benefices, which they held at Pleasure, without giving account thereof to any Body; referving the greatest Part of the Income to their own Use; referring the greatest Part of the Income to their own Ufes, for that the Internation of the Foundative were featured.—To for that the Internation of the Foundative were featured.—To bind the gring any Heffred to feature Frieds, in the West of a Benefice, and durefled the Administration therefore to be given no fufficient and refpondible Laymen, who findual take no Orth, like that of Tomon, for the flittleful Diffcharge thereof, and be accountable to the Ordinaries.—This Diff. Orthodoxen, and and confirmed by the Consortion Terms. See

crew use recursed and continut by the Connect of Your, Sec. Occorolives, 1970 of the Connect of Young Sec. Occorolives, 2070 of the Connect of Sec. Occorolives, 2070 of the Connect of Sec. Occorolives, 2070 of the Sec. Occorolives, 2070 occ Building

Building, there are four Wings or Carbuildings; one for the Injurary, another for Everal Officers of the House, or the Common of the Common of

The Qualifications required to be admirted of this Body, see, that each Perio bring a Certificate from his faperior Officer, that be has been matured or dishbled in the Service which must be made appear by Molther-Rodh.

To defray the Clarges of this Haffited, there is a confeasable Sum paid variey out of the Unudage of the Army; befide one Day's Pay of each Officer, and each common Soldier, every Xertz, which, in Time of War, amounts to

Soldier, every Year; which, in Time or War, amount to 13 or 14000.

10 of 14000.

10 o

The Number of Pensioners entertain'd in this Hoffital is 200. To each hundred Men are allow'd fix Nuries, be-

is 90. To each bundred Men are allowed fix Norties, being the Wildows of Sciences, in the Menous of Colligies,
Sciences, and the Menous of Colligies,
Highiral, with four Men to Methy stach Methy to contain
four Found of Flatch, a Colline for Early, Compant, German,
Lettin, Lieuwant, Charlin, Stream, Phylinian, dev.
Criff Horsyrat, popularly call Met Filter Cost Horrran, was anciently a Monthler of Grey Franc, founded
criff Horsyrat, popularly call Met Filter Cost Horran and Company of the Collins of the Collins of the
total Rightest for poor Children, who are fuggly'd with
total Rightest for poor Children, who are fuggly'd with
table.

Since its first Endowment it has receiv'd abundance of new Donations. A great Part of it was burnt down by the great Fire; but is again rebuilt by the Care of the Gover-

great Fire; but is again rebuilt by the Care of the Gover-tors, the four without incurring a great Debt, and antici-pating the Revenues of the Hoffittal. Foremetly, a thoustand poor Children, most of them Or-phana, were maintain'd on this Foundation; and fix or leven Score yearly part out Apprendict, and the Maids to Service; but the Number, thru'the Deficiency of the Foods; is now much lefs.

Here were two Mathematical Schools; the first founded Here were two Mathematical Schoots, in the first tonnece by King Christ II; but they are now united. Youths are there taught ferest! Parts of pradical Mathematicks, particularly Navigation, to fit them for Apprentices to Mailers of Shins: To Ity nothing of the Grammar School, (whence the moth preparal Boys are yearly feat to the University) Wirting School, Jurious Chool, Jor.

The Littlews of this Hoffferd are a Prefident, Treafurer,

Generating, c.c.

St. Ellenburger in Hospital is religious to Chrift's Helpiral,

St. Ellenburger in Hospital is religious to Chrift's Helpiral,

At the Distillation of Monatteries, Henry Will, left so
Marks a Year or in feet the Relief of gon People's pair is

Religious and the Christian of the Clift of fick and lame

Perfoon only, by Lebaurd VI.

Perfoon only, by Felment T. The Clift of fick and lame

Religious the Perfoon on the Clift of the Clift of the Clift

Religious and the Clift of the Clift of the Clift of the Clift

Market Surgeria, which was no three depending on it, the one

at Kingding, the other call'd the Left in Southernels, are

at Kingding, the openied with League, Der, Physick, Christoppe, Oec.

Chirurgery, &c.
St. Thomas's Hospital, in Southwark, is for the fame

6. Thunder Horsy and, is Sautheard, is for the fame Purpose as that of S. Rarbhamer. It was originally loaned an Infpiral, by Richard, Piror of Barmondiffen, 1121, thereaded to King Horsy VIII; a col-lar of the Common of the Common of Lantes, for an Highest for inform and lame Property. In the first and It conflict of fore quadranguist Courts: In the first a fix Wards for Women's in the stood, two Chapett, the leafer for the privace US of the Highest, and the larger Paccellaid is the same Court are the Hostes of the Trea-lare, and other Oldmers; In the third Court are for a flow, and the Court are for a first, and the larger.

feven Wards for Men. The fourth has also three Wards, Baths hot and cold, a Chirargery, Apothecary's Shop, &c. There are about 3000 Persons taken in and discharg'd out

There are about 3000 remons taken in any unsuring under this Helpital yearly.

The Governors of this Helpital are the Lord Mayor and Court of Aldermen, with about 260 other Citizens. Among which are a Prefident, Treafurer, ev. two Phylicians, and

Gny's Horretal, or the Hospital of the Incurables, is the Foundation of that wealthy Citizen and Bookfeller, Tho-

the Foundation of that weatiny citizen and powerest, ac-most Gay, Edi, It is chiefly intended for reputed incurable Perfors 3 and is even to take in yearly a certain Number of Patients turn'd out of the other Hofpitals, particularly Bethlobem, as

The Founder beflow'd 300001 on the Building in his Life-ime; and, by Will, endow'd it with 200001 at his Drath, in 1744: The greated Benefaction, without Difpute, that ever was left by any one private Man. In Officers are a Prefident and Governors, most of which

are the fame with those of Sr. Thomas's Hoffmal, which is in the Neighbourhood thereof, with a Treasurer, two Phyin the Neighbourhood thereon,
ficians, two Surgeons, Open
Bernheimen Helpind
Bridewel Helpind
See Helburd
See American House

Bannwan, Infified

Bannwan, Infified

See Mannwan, Marking

Bannwan, Marking

The Name is being upply do encurate and provides for

Pin Name is being upply do encurate and provides for

tund to take Care of Legary, Infified on See Marking

The Religion Legary, Infified on See Marking

The Religion Legary, Infified on See Marking

The Religion Legary and the Care of the Care of the Care

The Religion Legary and the Care of the Care

The Religion Legary and the Care of the Care

The Religion Legary and the Care

There are also Hospitallers among the military Orders; the are the Knights of St. Lazaress, and St. John of Tenn-

HOSPITALERS, HOSPITALARII, were a certain Or-der of Religious Knights, fo call'd, because they built an Hospital at Jerusalem, wherein the Pilgrims were receiv'd. To these Pope Clement the Fifth transferr'd the Effects and Revenues of the Templars; whom, by a Council held at Vissma, he suppress'd, for their many and great Misslermeanors. See Templars.

as Vienna, he suppressed, for these many ann great cutures.

Res (Labortan, therefore cally Knights of St. Schwarz, St. Sc

them fome time.

Molt of the Hofpitis, or Low, in Time became fix'd Con-

Sec CONVENT

vents. Sec Convent.
HOSPOIDAR, the Title borne by the Princes of Walashia
and Middenia. See Pennes.
The Highest of Walashia and Middenia, receive the
laveliture of those Principalities from the Grand Signor, by
a Vett and a Standard, which be give them.
They are forestimed deport by him; the, in othe
Reflects, they have the Sovereign Power within their

HOST, Hosens, a Term of mutual Relation, apply d both to a Perion who lodges and entertains another, and to

both to a Ferion who lodges and enterrains another, and to the Ferion thus lodgd, dr., Thus, the lan-keeper fays, he has a good Hift, in freak-ing of the Traveller who ledges with him: And the Tra-veller, again, fays, he has a kind Hift, in freaking of his Landlord.

The Word is form'd of the Latin, Hoffes, which fome will have thus call'd, quaft koftium, or oftium petens ; for

will have than cill'd, qualifying, or affirm Fennis of originus was mixed wave with an Affirm American Li muit be obleved, then, that is was the Callon among the hadeau, who may Stranger aid let Cologin, for the American was my Stranger aid let Cologin, for the a Foot on their own Side of the Thrieffold, and syear they would neither of them do any Harm to the other. It was that Germony that rain'd to much license against those who instituted as the year cologing of the strain of the instituted as they were looked on a profession of the limited of Higher, the ancient Lawin call'd it Highli; an Gerre bindel indexes us: The, is Control of Time, Highl count to fightly an Escury; 50 much was the Notion of Hours: a find only buyy of Abstraintine for Edita;

Host is also us'd by Way of Abbreviation for Hostia, a Victim or Sacrifice to the Deity. See Hostia.

In this Senfe, Hoft is more immediately underflood of the Perfan of the Word incarnate, who was offer'd up a Hoft or Hoftia to the Father, on the Cross; for the Sins of Man-

Hory is pecaliarly us'd in the Romijo Church for the Body
of Jefus Chrift, containd under the Species of Bread and
Winze, which is uffer'd up every Day, a new Hofg or Szeriface in the Mafs, See Mass.
Pope Gragory IX. first decreed a Bell to be rung, as the
Signal for the People to betake themselves to the Adoration
of the Labor. the Hall.

The Vessel wherein the Hofts are kept, is call'd the

Clovey,

HOSTAGE, a Person left as Succey for the Personmance
of the Articles of a Treaty. See Tanary.

When two Emersies are on the Point of concluding a
Treaty of Capitulation, 'it's frequent for them to give
Hospage on each Side, as Sureties for the Execution of what
is committed therein.

is contain'd therein. The Garrison of such a Place has capitulated, and gi

The Garrifon of fuch a Place has capitulated, and given highers. Such an Othere was given as an Helders—The Helders—Such and Othere was given by the Helders—The A Helger is clutter, Practical or Higher Societies, Practical or Helders, the Helders of the Garden Helders, and A Helger is clutter, Practical or Higher and Acceliars, when, for Inflance, a Prince promise Fieldity to another, and given up his Son, or fomo other great Lord, to affine his given plant Son, or fomo other great Lord, to affine his first the Helger in on ways accountable for its Disk Word, the Helger in on ways accountable for its countable for it,

contable for it.

But the Hollogs becomes a Principal, when it is expectly

But the John to Hollogs becomes a Principal, when it is expectly

I all the Hollogs becomes a Principal, when it is expectly

I all the Hollogs became the Finding to the Indiana, if a City engage to flarender, in Clear the Engagement

plus Hollogs; their Hollogs; are what a Survey is no a Gre
the Hollogs; the Hollogs are what a Survey is no a Gre
the Hollogs; thand in their Place, become Principal, and label

to be purify the for the Previousion of their they have been became the theory of the Previousion of their they have been all the Hollogs; the Previousion of their they have been all the Previousion of their they have been all the Hollogs and the Hollogs an come Surety for.

A Holtage given for another Person, becomes free when

HOSTEL, or HOYEL, a Franch Term, anciently figni-ing a House, or Dwelling-place. It is now more commonly used for the Palaces or Houses

of the King, Princes, and great Lords. In this Senfe they fay, the Hotel de Conde, Hotel de Comi, Hotel du Lovore,

The Grand Prevot do l'Hotel is the first Judge of the Officers of the King's Houshold. His Jurisdiction is much like that of the Lord Steward of the Houshold of the King Fingland. See STEWARD.
The Hotel de Ville is what we call a Town-house, or Town

HOTEL-DIEV, is a common Name for the chief Hospital for the Reception of fick Persons, in most of the Cities of France.

ance. See Hoseltal.
The Hotel do Mars, is an Hospital near Paris of the same

The Hotel in Mars, is an Hospital near Paris of the fage Nature with Chelifa Hospital, HOSTIA, Hosy, in Antiquity, a Victim office'd in Sa-crifice to a Deiry. See Victim.

The Word Holpis is form'd ab kepliest, it being the Co-finot to offer one before they join'd Battel, to render the Gods propitions; or after the Battel was over, to give them

Thanks, Ilidare, on this Word, remarks, that the Name Hollis was given to those Sacrifices which they offer'd before they march'd to attack the Enemy; ansi squar, says he, as Hollism pergerning in Contra-diffinction from Viellius, which were properly those offer'd after the Victory: However, Outle confounds the two, when he says,

Victima aue cecidit dextră Victrice vecatur : Hollibus a Domitis Hollia nomen babet.

rentest makes another Diftinction: According to him Victima was a grand Oblation, and Hoftia a finalier and let

confiderable one

confiderable one.

Bat he the Callom in this refpect what it will, 'tis generally allow'd that the Word Helpis comes from Helpis, comes from the Helpis comes from the Helpis comes to the Helpis co.d. fe/is, I thinke, finite.

HOSTILITY, the Action of an Enemy.— During a Truce, all Helpilities are to cease on both Sides: Sach a City itands neutre, and commiss no Helpilities on either city itands neutre, and commiss no Helpilities on either

The Word is Latin, Hofilitat, form'd of the Primitive Hofit, which fignifies Enemy; and which anciently fignify'd Stranger, Hoffet. See Hosr. HOT-Bayn, See Payn and Therms.

Stranger, Helfer. OCC HOST.

HOT-Barn, See Parn and Therman.

Hov-Barn, a Piece of Earth or Soil plentifully enrich'd

w'n Manuec, and defended from cold Winds, &c. to forward the Growth of Plants, and force Vegetation, when the

Seafon or the Climate of itself is not warm enough. Soil, MANURE, VEGETATION, So.

By means of lot Beds skillully manag'd, we can so nearly imitate the Temperature of other Chimates, that Seeds

ly imitate the Temperatare of other Climates, that Seeds of Plants brought from any Country between the Topicks, may be made to flourish even under the Poles. See Hawrier Heat and Hemility being the great Instruments of Vegetations, to promote the Growth of any Plant, these must be duly proportional, to as neither to execute his come there to the Bounds Nature has alletted for it. "Floomens Heat as

find rather fourches a Plant than makes it grow; and too much Mosifiare frequently chills it, unlefs quickly exhaled from the Roots.— With us, a moderate Heat is tound the most eligible; such as is rais'd by the Ferment of wet Straw

most engote; facts as a raised by the remment or wet straw and Hestel-litter, which, from the Earth lying thereon, will fend forth, for fome time, a gorde Stean, impregnate with regeniter, Salas, See Packary, WATEA, SC.

The stand Way of making bur Beds, is of Hosfe-litter and the stand of the removed into a Hed, and the removed into a Hed, and covered up with Glaffee and these removed into a Hed, and the removed into a Hed. cover'd up with Glattes or France, ... Utness caute to take Horfe Dung a Month or fix Weeks old, and make a Seed-Bed of it about four Foot high, and cover it up with Straw a Foot thick, which is to be removed in three or four Days, and its Place fupply'd cither with Cows Dung, or the Years Ridges.

The Process of ordering a good ferviceable has Bed, for the cuttomary raising of Collistowers, Cucambers, Melous, Radishes, and other tender Plants and Flowers in January r February, is directed by Mr. Martimer in Macourt tollowing :

Provide a wern Mice definded from all Winds, by being insolided with a Fibe of Hedge, made of Reed or Strews, about fix or seven should fix or seven should be not seven from the first provided by the seven and the first provided by the seven fix of a fixed by the seven fix of a fixed by the seven fix or seven fix or select the seven fix or select the seven fix or seven fix or select the seven fix or seven fix or seven fix or seven fix or seven fixed by the seven fi Provide a warm Place defended from all Winds, by being

unke Care to earth up your Fliest as they floor in Height; and when add to be the Cold, they may be terraplizated. In Billiand they make sit of her Bedd make of Sand a of Heric Bond, — The Durkel Bleester time is reflected. Therefore, "The Durkel Bleester time is reflected." Therefore, Bark, which, when once rightly preparal, will manutain an equalthe Heri for fixe Member, 8 vs. Thermose, the site of the Bedd, — For Flans that are ceither to be tought up as colder Section, or the Than that are ceither to be tought up as colder Section, or the Height are with assurably require; you are taken the Heri of Care Bedd, — For Flans that are ceither to be tought up as colder Section, or take the Height are with assurably require; you are taken the Height are with a saverably require; you are taken the Height are with a saverably require; you are taken the Height are the American and the Height are the American and the Height are the Fland and the Height are the Height are the American and the Height are Heat is to be intended or remitted, — Thus a low Bed for Cocumbers must be kept, so rails the Spirit in the Glafa, to the fame Height as the natural Temperature of the Weather will raife it to about the latter Bed of May and June, when Cucumbers will grow almost without any artificial Heat or Culture Cocumber 1, the most of the Cocumber 1, the cocumber 1, the cocumber 1, the control of the Cocumber 1, th helter. See Heat and Thermometer.

Hot-House. See Stove, Sunatory, Hypocaustum; Shelter.

Ge.

Storm, or Hoviley, a Sert of facilitions or comred, many of the third forced my Cond, "IV, See, or
Castrool, march with third forced my Cond," iv, See,
Thefe lagned mars see be made up into Ralls, molified;
with a little Uries, or in any other form at Flexiner; and
varies and the Condense of th

HOTCH rot, or Hono populs. See Hono-ropos. A Man being feis'd of thirty Acres of Land in Fee, bath A Man being field of thirty Agres of Land II Fee, half two Daughers, and gives with one of them ten Acres in Frank Martings, and dies feited of the other tweers. If twenty Acres, the must part bet Lands given in Plank Mar-riage in Husel-per, that is, the qualt refut to take the fall perfits of the ten Acres, but faffer them to be mingled with the other twenty, to the End an equal Division may Thus for her each Acres that will be intitled in fifteen. Col-Thus for her ten Acres she will be intitled to fifteen, Coke bes Littl.

HOTTS, or HUTTS, the Pounces and round Balls of Leather (inffed, or ty'd on the fharp End of fighting Cocks Spurs; to keep them from hatring one another in parange of breathing itempletes HGUGH, the Joint of the hind Leg of a Beaft. See

To Hough, or cut the Hought, is to ham-firing. See HAM-

EFERING. Horost formy, is a hard round Swelling or Turnor grow-ing upon the Typ or Ellow of the Hoof or Hough. It generally proceeds from found stroke or Braife, and if neglected till the Sublance of the Swelling becomes hard like Glue, proves difficult to care. HOUND, Cam Feantiers, a Hunting Dog. See Hunr-

Hennis may be diffinguish'd, with regard to the Manner of their Hunting, into such as find out and pursue the Game by Sight, and the Quickness and Swifiness of their Motion, of

which Kind are the Gaze Heart, Agalesis and Grey Heard, Centis Grests; the Terrier, &c. and thole which find and partie the Game by the Goodneis of their Smell.

The Species of feenting Dogs may be divided farther into Hounds, fimply fo call d, and Blood Hounds, each whereof admits of fome Divertities,

or admits of 1000e Discrittes.

1° As to Homels, fimply thus call'd, in Latin, Canes Fenatid, Odorato et. Segners, &c. — Thofe which are all of once Colour, as whire, black, Uc. are the molt valu'd; then those functed with red: Those functed that are little prized, as wanting Courage and Hardness.— Fallow Houses, and the colour of the colour call that the c are of good Scent, and hardy, not fearing the Water: They keep the Chaic well without Change; but not fo fwift as keep the Chafe well without Change; but not fo livit as the white; They love the Hart above any other Chafe, having little Stomach for the Hare, Ec. whence they are not fo fir for private Gentlemen; befide that, they are apt to run at tame Bealts.

to run at tame Beafit.

The due Homes Structure and Control to the Co and Covert share pretty equally, produce a middle-fixed

Hemnd of a number blake.

The Marks of a good and fair Heuns are, to be of a middle Proportion, rather long than round; the Notifitis wide; Back, bowed; Filtes, great; Hannches, large; Ham, ftraight; Tail, big near the Reins, and the reft flear to the Ead; the Leg, big; the Sole, dry; and Claws,

large. For the Terms used in respect of Hounds, their Noises, &c.

We the Stream after in reflect of Househ, their Nidits, Sec. Sec. Households.

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The stream of the Households.

Th

must not be enter'd at the Hind.

must not be enter'd at the Hund.

a. The Gray-behnd might deserve the first Piace, by reason of bis Switness, Strength, and Sagaciry in purfising his
Game, sich being the Nature of this Dog, that he is well
sented to find out, speedy and quick of Foot to follow,
fleete and strong to overcome, yet silent, conting upon his

The Make and Preportion required in a good Grey-heuned, are, that he have a long Body, flrong, and pretty large, are, that he have a long Body, flrong, and pretty large, a next flarst Head, fparkling Eyes, a long Mouth, and flarsp Teach, little Ears, with thin Griffles in them, a flraight, brund, and flreng Bread, his fore Legs flraight and fliore, bis kind Legs long and flraight, brund Sheulders, round Rela, field, Barteck, but not far a long Fall throng and

Of this Kind, those are always firtest to be chosen among Of this Kind, those are always intere to be choken among the Whilep that weigh lightelty for they will be fonce at the Game, and so hang upon it, hindering its Swiftnels, fill the heavier and itrong Jhomais come in to offer their Affishance; whence, beside what has been altered faid, 'is requisite for a Grey-Donai to have large Sides, and a broad country of the control of the country of the control of the co

Midriff, that he may take his Breath in and out the more eafily; his Belly should also be small, which otherwise would obstruct the Swiftness of his Course; his Legs long,

weat contract the switzefs of the Coarfey his Legis Beeg, and his Hair than add off, the He Hair to his left Hair, and his Hair Hair and his Hair Hair and his Hair Hair hair to his left Hair, if it be ben Fock, and on the Right if on Herifacks. .— The helf Turn to ray and truit hem on the Cane, is at twelve and the Temales at eight Month old, which life tree greated were formules at eight Month old, which life tree greated more feight than the Dept : They find the kept in a Sirp, white already, till tree for the theory of the th

These Dogs are much us'd in the North of England, and on Champion Ground, rather than bushy and woody Places, on champion through, rather than bully and woody Places, and by Horfemen more than Footmen.—If at any time he happen to take a wrong Way, upon the nical Sign made by his Malfert, he immediately returns, takes the right and ready Courfe, beginning his Chafe afresh, with a clear Voice and Swift Foot, following the Game with as much Courage as at first. The Blood-hound differs nothing in Quality from the

4º The Block-bound differ mething in Quality from the Seating Surt Heard, faring that it is more looply find, and not always of the fame Colour; but femerines vol., and the state of the same colour; but femerines vol., "Their Nature: is, that being fit on by the Voice and Words of their Lander, not all boats for the Serting of the prefert Gane, and having found is, they will never could princip it with field Gry ill it is strict, without changing

for any other,

parfamig its with mit off in it is stres, we more samping.

They foldom bank, except in their Chife, and are very obedient and attentive to the Voice of their Leader,—Those theat are align good, when they have found the limit of the control of th Throng, will, by his Smell, feparate and pick him out. See BLOOD-Botts

5°. The Terrier, or Harrier only hunts the Fox or Badger 5 being thus call'd, because, after the Manner of a Ferret in fearthing for Concys, he leaps into the Ground, and affrights or attacks the Beaft, either tearing them in Pieces, on haling them out by Force; or, at leaft, driving them out of their Harbours, to be taken in a Net, or otherwife

The Huntfmen have commonly a Couple of Terriers,

The Handforn have commonly a Couple of Terrier; have they may per in a rich no, as Couple force, to recitive the other.

The second of the couple of the cou

of the Latth, tota to may niten and notes me our over.

The old Fee or Badger being staten, fo that nothing remains within but the Calba, couple up the old ones, and put in the Young, in their Send, recovering them by erroying. To within the Send, recovering them by erroying, to with it what they lift; not forgetting to give the old Tyer, error their Recover, which is Blood and Livers fry'd with Cacette and fame of their Greats; jhewing them Head Cacette and Jacette and HOUR, Hora, an aliquot Part of a natural Day, ofually a 24th, fometimes a 12th. See Day.

An Hour, with us, is a Meafure or Quantity of Time, cault to a 44th Part of the natural Day, or Nychemeron; or the Duration of 2th Part of the heatral Day, or Nychemeron; or the Duration of 2th Part of the Earth's dismal Rotation. 15 Deorge of the Equator answer to an Heavy; the not precisely, but near enough for common UE. See Timm.
1 is divided into 60 Minutes; the Minute into 65 See.

not proceity, but our enough for common Uff. See Tyan. cond, gG. See Manyer.

The Dividen of the Day into Harris a very ancient g at a form by Lordon Quity, g and g

the Sun.

They divided the twelve Hours of their Day into four,

They durided the twelve Hours of their Day into four, etc. Prints, which commerced a time Cooks; 2 Threat a study experience of the Cooks; 2 Threat a study experience of the Cooks of the Word Horn, Johnson of the San free Radies of San & Sansana of the San free Radies of Sansana & Sansana of the San free Radies of Sansana & Cooks of the Cook

There are divers Kinds of Harrs, us'd by Chronologers, Aftronomers, Dialifts, &c.

Hours are divided into equal and unequal.

Equal, are the 24th Parts of a Day and Night precifely; at is, the Time wherein 15 Degrees of the Equator mount above the Horizon.

These are also call'd Equinoclial Hours, because measur'd the Equinoclial; and Astronomical, because us'd by Aftronomers. They are also differently denominated, according to the

Marner of accounting them.

Babylonife Hours are equal Hours, reckon'd from Sun rife in a continu'd Series of twenty-four. See BARYLONISH

Italian Hours are equal Hours, reckon'd from Sunfet, in a continu'd Series of twenty-four. See ITALIAN Hour

Aftronomical Hours are equal Harrs, reckon'd from Noon, or Mid-day, in a continu'd Series of twenty-four. See

ASTRONOMICAL. Enropean Houns are equal Hours, reckon'd from Mid-night; twelve from thence to Noon, and from Noon to Mid-night twelve more.

Mid-night twelve more.

**Dusquade or tempersry Heart, are 12th Parts of the attificial Day or Night. The Obliquity of the Sphere renders these more or lefs unequal at different Times; of that they only agree with the equal Hears at the Times of the

Equinoxes.

Equinoxes, feeding, or ancient Hours, are twelfth Parts of the artificial Day or Night. Hence, as 'is only in the Time of the Equinoxes that the artificial Day is equal to the Night; 'dis then only that the Haurs of the Day are equal to those of the Night: At other Times they will be always either increasing or de-

They are call'd Ancient or Jewish Hans, because us'd by the Ancients, and itill among the Jeves. They are call'd Planetary Hans, by reason the Astrologers pretend, that a new Planet comes to predominate every Hour; and that the Day takes its Denomination from that which HOURS, Hore, among the ancient Poets, were certain

HOURS, Hore, among the ancient Poets, were certain Goddeflis, the Daughters of Jupiter and Themis: They were three in Numbers, Limmonta, Dice, and Irent. To which were afterwards added two more, Carrip and Tallster. House makes them the Door-keepers of Heaven. Doub allows them, the Employment of barnefling the Hories of

allots them the Empere Laws Titan velocibus imperat Horis.

Houns. Here, in the Ramife Charcis, are certain Prayers reform'd at flated Times of the Day; as Mattius, Veffers,

Lands. See Marrins, &c.
The leffer Hours, are Prime, Tierce, Sixth, and Nove.

Hours preferrived by the Carons of that Church, in Com-memoration of the Mylletres accomplished at these Hours. Their Hours were anciently call Gornfy, Gorgia, Malvillon has a Differentian on their Hours, initially, as Carfo

And the state of t

See Grous.

The Planes of the Home Circles are perpendicular to the Plane of the Equinochal, which they divide into 24 equal

Hour.-Gr. Ass, a popular Kind of Chronometer or Clepty-dra, ferving to measure the Flux of Time, by the Defeent or Running of Sand out of one Glass Vessel into another. See CHRONOMETER

The bett Hour Gloffes are those, which, instead of Sand, have Egg-shells well dry'd in the Oven, then beaten fine and fiftee

and filted.

**Hanr-Glaffer are much us'd at Sea for Reckoning, &c.

See Reckoning, Loo, &c.

Three are allo a Sort of Haur-Glaffer, which depend on
the Flux of Water or other Liquid, more properly call'd

the Flux of Water or other Liquid, more properly call'd Clepfgire. See CLEPFURD, affe from the Interfections of Hours Linxz, on a Dial, arife from the Interfections of the Plane of the Dial, with the Several Planes of the Hours-Circles in the Sphere, and therefore must be all Right Lines. See Diaz and Diazlina.

See Dian and Dianame.
HOUSAGE, a Fee which a Carrier or other Perfon pays
for laying up Goods in a Hange.
HOUSAGE, a Fee which a Carrier or other Perfon
LOUSE, a Hange.
HOUSE, a HANGE.
HOUSE

See Brice, Stone, Store, Manor, Sc.
Anticu Rome confided of 48000 infulated Houses, See

A Pleasure House or Country House, is that built for a Person to enjoy and divert himself occasionally in. This is the Villa of the ancient Rossaus; and what in Spain and one past or the ancient Restaus; and what in Spirit and Portugal they call Lyninia; in Prosenoe, Califer; in fome other Parts of Prance, Calerie; in Italy, Vigna, In this Sende the Word Vigna is forectimes and in English to denote the Country Seats of the Noble Restaus; as the Vigna Proceed, Vigna Paschalia.

to denote the County Seats of the Noble Remont; as the Viguas Faredy, Vigua Barghelp, &cc. —The Citizens of Paris have also their Massan is Banteilles, Bottle-book's, to retire to, and enterrain their Friends y which, in Latin, might be call'd Mines, the Emperer Domities having a House build for the tike Purpole, mention'd under this Name by Martial,

for the take suppose, financial a unter the state of the like it. Eigs. 59.

"Tis a Thing principally to be aim'd at, in the Site or Situation of a Country House or Scat, that it have Wood and Water near it: If it cannot be conveniently built among Trees, yet there are few Places where Trees may not be fpeedily rais'd about it. See TREE, PLANTING, TRANS-

speedly eard about it. See Tran, Transviso, Transviso,

venient.

A Houfe finald not be too low feated, fince this precludes
the Convenience of Cellars.— If you cannot avoid buildings
an low Grounds, fir the first Floor above the Ground
the higher, to largely what you want to fink in you
Cellar in the Ground, for in sich low and moild Grounds,
it conduces much to the Dryrefs and Healthinets of the Air, to have Cellars under the Harfe, so that the Ploors be good, and ceiled underneath. Henfer built too high, in Places obvious to the Winds, and not well defended by Hills or Trees, require more Ma-terials to build them, and more alfo of Reparations to main-tain them; and are nor fo commodious to the Inhabitants

where the Thichten's of the Wills are abund, or taken in, on cincles Side, the Thicken's of a Bird, and you be the control of the control of

first Story, and thence upwares on the contrasts of the energy of the first sound as half.

Also that the Haufte of the third Sort of Buildings, fronting the high and principal Sortes, final confits of four Sortes high, befoles Cellars and Garrens that the first Story constraint all the story in Height from the Flour to the Colling, are and the story in Height from the Flour to the Colling, the contrast of the Colling of t the tourth eight Foot and an balt; that all the fail Walls in the Frenz and Rext, as high as the fift Serve, be two Bricks and an half in Thelenots, and from thereo spounds to the and that the Thicknets of the Garret Walls on the back Part, be not less than one Brick; and also that the Party Walls between every Hossife of this whird and larger Servi Walls between every Hossife of this whird and larger Servi Building, be two Bricks thick as high as the first Floor, and thence upwards to the Garret Floor one Brick and an and theace towards to the Garret Floor one Brick and an

Alfo, that in all Houses of the fourth Sort of Buildings, being Manfion Houses, and of the greatest Bigness, not fronting any Streets or Lanes as aforesaid, the Number of

froning an Street of Lunes as afordisk, the Number of Stories, and the Height thereof, flull belief to the Differ-Stories, and the Height thereof, flull belief to the Differ-tion of the Height thereof, the Height the Height The fame Ad-alle enjoine, that no Timber be Islat with and that all juyits on the fluck of the Chimney, be Islat, and that all juyits on the fluck of any Chimney, be Islat, and that all juyits on the fluck of any Chimney, be Islat alle, that no Timber be Islat within the Tamed of any Chimney, upon Pendity to the Workman for every Juyy DeFault, of 10-5 and 10-5, every Week it monitumes unen-

form!d.
Add, That as the Buildings of London join one upon another, and almost every feveral Hosele bath a diffine? Proprietor, the Parliament hath decreed, that the Wall dividing the Proprietors Ground, final be built as the cequal Change of both the Owners: Whence it will not be imperent to show how these Party Walls are valu'd.

Now, all Brick-works, whether one, two, three, four, of any other Number of Brick Lengths in Thickness, are all to be reduc'd to the Thickness of a Brick and a half.

any other Number of Brock Lengths in Thicknets, see at too be reduced up the Thicknets of a blick of ad a ball. To be reduced up the Thicknets of a blick of ad a ball. To be reduced to the Thicknets of a blick of a ball of the total of a first of the total of the

also BRIDEWELL.

Town-House, or Hell, is a Place where the Officers and Magistrates of a Town or City hold their Meetings, for the due Administration of their Laws and Policy. See HALL, GILD, Ec.

House is also us'd for a Convent or Monastery. See CONVENT, SS.

The Chief of such an Order has so many Houses dependent on it.—There have been Reforms made of several religious Houses.

raligious Hinfes.

Regular Frieding pire the Name Hoofe; to the Places they refide in, and not that of Convents or Monatteries, which properly belong to fumple First.— Thus we lay, the Poljain. The Jeffer has two body red Hangis and Colleges for The Jeffer has both proofs? I Hangis and Colleges for Nonices, which they call Hangis of Prediction.

Nonices, which they call Hangis of Colleges for Nonices, which they call Hangis of Equations. Where they receive feedule Feefer deplication, tip-poid to practife the fame with them, for eight or on Days, to be I vary 18.

See JESUITS.

See Jasuits.

House is allous'd for one of the Estates of the Kingdom assembled in Patliament. See Parliament.

Thus we say, the Heafe of Lords, the Heafe of Commons.

Thus we ray, the Heage of Lords, the Heage of Columbur, See. See Cosmons, See.

Hows, is also we'd for a Noble Family, or a Race of illustrious Persons issued from the same Stock.

In this Stude we say, the Heage or Family of the Stewarts, the Beardens, the Heage of Hansour, of Austria, of Ler-

rain, of Savoy, &co House, in Aftrology, is a twelfth Part of the Heavens,

Sec HEAVEN.
The Division of the Heavens into Houses is founded on this,

The Davison of the Herren into Hoffer it founded on this, that the Stars and Flaters when found herein have certain instances, either good or evil one, upon followars; Bodiers, and to eath Hoffer is sullipst its prairiestal vience or laborate. Stars and to eath Hoffer is sullipst its prairiestal vience or laborate. The Hoffer is sullipst in the Hoffer is the Hoffer in Hoffer is the Hoffer in This Division is made by the great Circles, called Carrier, White Hoffer is the Common Way of the Merchan and Hoffers, in the common Way of the Assistant had there other Ways. See Partress, Dougrave. 550.

ING. EG The Circles divide the Equator into twelve equal Parts, without any regard to the Zodise. The Horizon and Meridian are two Circles of the Coelestial

Houses, which divide the Heavens into four equal Parts, each whereof comprehends four Houses.—There are fix above the Horizon, and as many below it; fix Eastern, and fix Western ones The Theme or Figure of the Heavens also conflits of twelve Triangles, which are likewife call'd Houfes; where in are laid down the Stars, Signs, and Planets, comprised within the respective Spaces of the Carcles of Position. See

in the time occur.

In the time occur in the Griels of Pointon. Occ
TURNER.

Each Planet has two certain Houfet, whetein it exerts its
Gift suite pealls. Vigora, Les in the Sant-Houfe, and ConSome call the Houfet Delenatement, and deglers that that
Name is more immediately appreciated to the trebel
Signer of Devilions of the Lobins. See Donical Yearson's
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Signer of Devilions and containing five Degree
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And of the Lobins. The British of Houfe of Delivers,
Houfe of Robert of Lobins on the Signer of Signer of Memory, and the Augh of the United The Signer of Signer of Memory, and the Augh of the United The Signer of Memory, and the Augh of the United The Signer of Memory, and the Augh of the United The Signer of Signer of Memory, and the Augh of the United The Signer of Signe

House of Friends. And the twelfth, the House of Ens-This popularly, and, as it were, poetically faid, that the Sun has twelve Haufes by which are meant the twelve Signs; tho', in reality, it has only one Sign, cirs. Lee: be-field, the Division of Haufes is made by the Equator, and not the Zeddac.

They begin numbering the Houses with the Ascendant, and pass thence to the Nadir, or Fundas Cali; so as the Vertical Point makes the roch.

Vertical Point makes the torch,
Howswhoet, a Term compounded of Hings and Bore,
Constructions; I figurities, Editoren, or an Allowance of
Turnet can of the Local Wood, for the Repair and UpTurnet can of the Local Wood, for the Repair and UpHings-box (lays Gale on Linth 6d, et.), h) is world, or
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See ROBBIND This was Felony by Stat, 23 Hev. 8. and 3 Edw. 6. But is fince made Felony, though none be within the House, 39

Elis. See Bunglary.

Jin. See Bunglan; a middle Seet of Linnen Cloth between fine and coarté, for Family Ufes. HOUSHOLD, the Family or Dometticks of a Prince or private Perfon. See Family and Domestric. "The Girll Government of the King's Coart belongs chiefly to the Land Sommar of the Houghold. See Stranzon.—He has datherly over all Officers and Servans to the King's.

He has authority over all Officers and Servants of the Kings, Heuse, except those of the Chapel, Chamber, and Stable, who are under the Jurisdiction of the Lord Chamberlain, Master of the Hosel, and Dean of the Chapel. See Cham-Errahm, Mayrin of the Hosel, and Chapel. Comptroller, Cofferer, Mafter of the Honfoods, Clerks of the Green Cloth, &c. See TREASURER, COMPTROLLER,

the Green Cloth, 25c. See TREASURER, COMPTROLLER, COPPERER, GREEN CLOK, &c.
The Trops of the Hulphed are the Horfe Gaard, Horfe Granadiers, and Foot Gaards. See House Guerd, &c.— The Hadphed Troops of France are call'd the Gendarmerie. See GENDARMES.

HOUSEOUND Days, are four foleron Festivals in the Year, when the King, after divine Service, offers a Bezant of Gold to God on the Alrar, — These Houseasd Days are Christmes, Egster, Whitsfunday, and All-Saintt. See Br.

The Honfoold Days are part of the twelve Collar and

HOUSING, or Houses, a Cover laid over the Saddle of a Horfe, in order to lave it from the Weather, Dire,

The Cavaliers appear'd with their embroider'd Hanfings,

— The Word is form'd of the French, Hanfis, which fignifies the fame Thing, tho' it sacically fignity'd a kind fidthood were by Country People.

Shoe Houston, a Frece of Gloth border'd with a Fringe,

oftentimes put round the Saddle, to cover the Croupe, and hang down to the lower Part of the Belly, to fave the Stockings of those that ride without Boots.

Stockings of those that Fice winder focus. Bost Howsho, is a Piece of Stuff faifen'd to the hinder Part of the Saddle, that covers a Hotfe's Croupe, either for the Sake of Ornament, or to hide the Horfe's Leanness, or to fave the Cloaths of the Rider from being daub'd and foil'd

by the Sweat of the Horfe, by the Sweat of the Torte.

HOW, smoog Gardeners.

See Hoz.

HOWKER, or HOUGES, a Veffel much us'd by the
Butch; built formething like a Fink, but riggd and mailted
like an Hoy. See Floatino Veffel.

They carry from 50 to 20. Tao 5, and with a finall Num-

bee of Hands will go to the East-Indies.

They tack foon and short, will fail well, and lie near the

ind; and live almost in any Sea.

HOZING of Dogs, the cutting the Balls of their Feet. See EXPEDITATION

See ENFERITATING.

HOY, a fmall Veffel or Bark, whose Yards are not across, nor the Sails square, like those of Ships, but the Sails like a Missen, is othat she can lie nearer than a Vessel with cross Sails can do.

cmfs Sails cm de.

MOSSE, or House, the Sea Word for balling up any
thing into the Ship, for gentin, up a Tand, gif. — That
the state of the state of the state of the state of the Ship, for gentin, up a Tand, gif. — That
HUGKLET me, the Hip Boas. See Hir Brant.
HUGKLET can, the Hip Boas. See Hir Brant.
HUGKLET can that is like Tevnison, or finall Ware, by
Reall, See Rex. Part Ship, See Coura NY.
HUGH, Dar Gell, A. Law Pirafa, — Hes fignifies the Complaint of the Party width, de, and Grythe Partiest of the
Felon on the Highway, by definible, the Fatry, and giving Notice to fereval Clumblede from or Town to another,
in Notice of the Coura Clumble of the or Town to another.

who are oblig'd to call upon the Pariff for Aid in feeking the Felon, till he be apprehended, or, at least, purio'd to

The Normans had a Parlialt with a Cry after Offenders, or unlike this; which they call'd Clamar de Haro. See

HARO. Hue is us'd alone, Anno I Edvo. I. Stat. 2. — In ancient Records it is call'd Husefium & clause. See Vocife-

HUERS. See Conders. HUG, or Corniff Hwo, a Term us'd in Wrestling, when no has an Adversary on his Breast, and holds him fast

HUGUENOTS, an Appellation given to the Calvinists

of France. See Carvinistr.

The Name had its first Rife in 1500; but Authors are not agreed as to the Origin and Occasion thereof. Passages are proposed by the passage of them. Minoge, &c. give us divers Etymologies, but none of them are thuck to.

Dn Versier derives it from John Hut, whose Opinions the Hoguenoss chiefly receive, and Gnesson, Ape, q. d. Hut's

See Hussines.

APCI. SEC HUSSITES. Complete the Magnes Caper, whole Comillé deduces the Name from Higges Caper, whole Right of Succeffion to the Crown, the Calvinith maintainé againt thoise of the House of Gailé, who pretended to be the Succeffion of Charlemagn. Others detive it from one Highes, Higgs, a Szeramenta-tian, who had aftered much the fame Dolfrines as the Higgment, under Charle VII.

Others fetch it from the Swiß Word Hensguenaux, i. e. feditious Peuple; or from Figuessen, i. e. Alies or Afforiates in Faith, which is the Opinion Mainsburg inclines to, who hence concludes, that Hoguenes is originally no Term

who nence communes, trans-augment, maintains them to Gagdinau Massuffere, in his Memoirs, maintains them to have been thus call'd by the Populace, as being of left Value than a little Piece of Money of the fame Name, being a Maille or Farthing, which, in the Time of Hugh Capter,

was call'd Higuenot, a. d. not worth a Farthing.

Others take the Name to have been first given by way of Others take the Name to have been mit given oy way or Derifion to a certain Germen, who being taken and exa-mind as to the Configuracy of Ambrile, before the Cardinal de Larrain, was consistented, and stopped these in the Be-ginning of his Harangue, which began with Hase new own-

But the most justice Opinion is that of Definion's who che
fever, that at Norm the Yould have a Notion of a Spright
for the control of the Young the Young
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Veiici.

HULL of a Ship, is her main Body, without any Maits, Yards, Sails, or Rigging. See Ship.

To bull, or lie a buil, is underflood of a Ship, when, either in a dead Calm, to preferre her from beating her Easils against the Maits) or in a Storm, when the cannot car-Sails against the masts) or ma Storm, when he cames car-ry all her Sails; they are taken in to preferve them 3 for that nothing but her Masts, Yards, and Riggings are abroad, and her Helm ty'd down to the Lee-Side of the Ship. — In this State she will lie cassly under the Sea, if she be a good Sailoe; and make her Way one Point before the

Beam.

To firsts a Hull, in the Sea Language, is to lie closely or obleavely in the Sea in a Storm, or to tarry for force Confert, bearing no Sail, with the Helm laft'd a Lee.

HUMAN, Something that relates to Min, or the Nature of Man. See Man and Natures.

The burnan Body is the Subject of Medicine.

Epicertis and his Followers deny that the Gods concern themselves with bunnar Affairs, See Epicoreans. Faith is distinguish'd into Divine and Human, See

HUMANITY, the Nature of Man, or that which denotes him be

Neftwins would not allow the Infirmities of Humanity to be attributed to the Deity ; nor the Attributes of the Deiry to

Humanity. See NESTORIANS. HEMANITIES is also us'd, plurally, for the Hamani-ores Literes, i. e. the Study of the Greek and Latin Tongues, Grammar, Rhetoric, Poetry, and the societit Poets, Orators, and Historians, See Phileotnov.

Such a Student has gone thro' his Humanities with Ap-plante: Calum perform'd his Humanities in the College de la Marche at Paris.

America an Optica and America and America and America and Partica HUMBCITATION, Antiferring, in Francusc, the preparing of a Medicine, by fleeping it a while in Water, in order to fofern and medic it when no only, no cloud it was a superior of the property of the proper

Find or the Garrier, we have long, round fiftular Bene, of a perry hard, compact Southence; and its inward Cavity, which connain the Marrow, perryl long and large.

At its upper End it has a large round discus, which is Cavity of the Southas, which is clearly the Cavity of the Southas, which is Cavity of the Southas, which make a Jancher per Astrondam.—This Head of the Bone being much larger than Souther laws which it is received, the Part extent is furtisfhendelinn. — This Head of the Bone being must larger thin the Socket into which it is received, he Pare extent is firstle-ted to the Bone of the Bone of the Bone of the to the Margin of the Cartinginous Socket of the Sarayala and the other to the lower Part of the Head of this Bone, thereby unting them firmly together a yet fo as to leave the Morion the friend of all the Articultones of the Body, and therefore liable to Differention. See Scare La.

ver'd each with a Cartilage; the external and leffer receiving rhe Extremity of the Radius; and the internal, the Head

rhe Extremity of the Radius 3 and the internat, the around of the Cublinus. See Radius.

On the Outsfield of each of the Processes, is a final Eminence, to which are fastered the Ligaments and Heads of the Matcles that more the Carpus and Fingers. See

CARPUS. CARPUS.

In this Bone are also three Sinus's; one on the fore Side of the large Preecis, receiving a Process of the Cubitus; another on the back Part which receives the Oleranum; and the third, a small semilanar use between the two Processes, answering to the Eminence of the Sinus's of the Cubitus. See Courturs.

Cabrina. Sec Curities.

The later Annomities allow this Bone five different Motions, orc., upwards, downwards, torswards, backwards, and roceatory; and five Pair of Mucles for Performance of the fame, ore. the Delender, Teres, Tectoralis, Infrafrientans, Saidapatheris, S.c., Sec each used in sproper Article, Dist.

OIDES, TERES, &c. HUMID, Humidum, maif. See Humidity.

The School Philotophers make Water the primum Humi-dium, the first of humid Bodies, and the Cause or Principle of Hamidity in others, which are more or less moith, as they partake more or less of this Element. See Wayer and

HUMIDITY, or Millure, the Quality or Power of wet-

HUMDIT1, or Mollow, the Quality or Fower of wet-ing or moldlening order Bodies. So QUALITY. The Adjuste defined Mondity, which is a comparable of the Adjusted defined Mondity, which is the comparable of the makes it easily rectified in the for a forother; which streams to the fame as his Definition of Fluidity. See Feveriery. Others of the Perispatick School, make Humditys Qua-lity whereby a Body is humid, i.e. moidten other Bodies, and, in modificating, foffers and differed them to receive any Figure or Impression

and, in moilleante, nottens and chipotes them to receive any and a moilleante, nottens and chipotes where which produces a particular Species or Huddiny and define it a Fisse, which being spiritly on a feed help, allower between, and communicate more produced and the spiritly of the sp

to whose Surfaces is will prefently adhere, and render them foft and moift

fort and moitt. Even Water itfelf, which were almost every thing, and is the great Standard of Mostfure and Humidity, is not capable of westing all Things; for it thand, or runs off in globalis Drops on the Leaves of Cabbages, and many other Plants; and it will not wer the Feathers of Ducks, Swans, and other Water-Few!

Add, that the Texture alone may cause the Fluid to be broaded, as is yelin, in that neither Quickfirer alone, Lend, or Bissimati, will filler upon Glish; yet being mixed dougster, they will form a Mass that will do be, as a press from such a Composition being frequently and in foliating Localing Glisses. See PULIATING.

HUMIDIUM Radicale, or Radical Moifture. See R.a-

This, in reality, feems to amount to no more than the pureft and most defecte Part of the nutritious Matter, in a Condition ready to be affirmulated. See NUTRITION. Condition ready to be attimulated. See NUTRITION.

By too much Heat, as in Fever, Heldies, &c. this Humidity is too haffily exhaulted and ipent.

HUMILIATION, the Act of humbling, i. é. of abating
a Person's Pride, and bringing him hower in his own Opi-

In this Senfe, Hamiliation stands contra-diffinguish'd from Mortification: Humiliation brings down the Mind ; Mortification subdues the Flesh. See Montrescation. HUMILIS Mufculus. See Eyr.

HUMOR, or Humour. See Humour.

HUMOR, or Hussen. So: Hussen. HUMOR, or Hussen. HUMORISTS, or Ji Masonarry, Hussenarry, Hesonarry, the Title of a citheand Academy of lorned Humorists, the Title of a citheand Academy of lorned Linearity, who made aft of Gafford Solvieuus to atlendik type-gen devel all the Men ceiting for Lenning about Rame, so there all the Men ceiting for Lenning about Rame, so the Linearity of Solvieuus, Part I, to 2.

The Desirie of the Academy is a Good, which being ridd from the Solt Wisee of the Son, return again in Intelligent Courte on this Desirie.

The Obliquito of M. Poyrre were celebrated in the Academy is a Cland, when the product of the Son Academy and the Courte on this Desirie.

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above farty different Languages. Gaginess are run 2007-2004.

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Ec. Sec each smoor is proper.

The four Houseors fo much self'd of by the ancient Physicians, are four liquid Subtlances, which they Suppose to moisten the whole Body of all Animals, and to be the Carel of the divers Temperaments thereof. Sec TEMPS AMENT., These are Physics. Printing. Blood, Bile, and Melanobelly.

Thete are Yengga, Yununa, Broos, Bite, and Metamekaty. See Pineson, Privaria, & E.

But the Moderns do not allow of these Divisions. The Himmours they eather chuse to distinguish into Natritions, or Alimentary, as Chyle and Blood, as those fearmand from the Blood, as Bite, Salivas, Urine, &c. and those return'd into

the Blood. sprin, are difficult the enterior of the Honour. Homeon, in convenient the first Caff ballet all the Jackson and the Grant Caff ballet all the Jackson difficult to the latest being their composite the Rolly, all the Jackson difficult to the latest being them are when the convenient to the Latest and Lates

TEMPERAMENT.
Thus we fay, a Bilious Coleric Humour; a Phlegmatic
Humour; a Mclancholic, Refilefs, Hypochondriac Humour;
a Sanguine, Gay, Sprightly Humour, &c. See Sanguine,

Ec.

There three Humours have each their Share in the Re-fraction of the Rays of Light necessary to Vision. See Va SION and REFRACTION.

Authors, both ancient and modern, fpeak of the Rege-neration of the Humauri of the Eye; and give us Inflances of their Reproduction, when by any Accident they had been let out. But their Intlances generally go no further than

to the Aqueous and Vittious Humours.

Borby, only, in a Letter to Bartheline, fays as much of the Ctystalline. — He affirms, that he has flir the Pupil of

the Cysillipic. — He stimes, that he has fift the Papil of the Eye of divers Animals, and Speaced out all the Lin-mours, even the Cyvillilies, and has again perfeitly reflered when to Sight; and that the Eye of the Black, whereous them to Sight; and that the Eye of the Black, whereous thereby, wene rendered more invely and vigorous into a since the adds, that he had performed the form Experience and divers Parfors, with 60 meds Success, that their remained nor the finalled Appearance of a Contrain in the Eye. The Contrained Contrained the Contrained Contrained the Contrained or windows Papiess of what the Criticks will Allemorr. See MANNEYAN.

MANNERS. unfailly look'd on a peculiar to the Hopfile Humans is unfailly look'd on a peculiar to the Hopfile Humans is unfailly look'd on an peculiar to the Hopfile Humans is unfailled one Comic Poots have excell'd therein and earry'd it beyond those of any other Nation Cours is perhaps the only Language that has a Name for it. Humans is suffly confided by nor Criticks, as a fainter though the Course of the Poots of the National Course of the National Cou

or weaker Fittion peculiar to Come Confident, as Defigi found in Perfors of a lower Depret than those proper for Tragedy. See Characters and Tracers. Every Piffice may be failed to have two different Faces, one that is ferious, great, formidable, and foliums, which is for Tragedy and another that is low, ridiculous, and fit for Comedy; which that is what we call Humonr. See PASSION and COMEDIA.

PARSON AND CAMENT.
Witt only become for Charafters: This a Breach of Charafter to make one half the Perfors is a Modern, or, indeed, in any Control, talk, withiny and farty at healt set to the control of the control

MITTANCE, INTEREST, Co.

HUMBRED, is also as'd as a Measure to express a certain
Quantity or Number of Things.— A Humsted of Salt at

Quantity of Number of Lings.

Deal Boards are fix Score to the Hundred, call'd the loop
Hundred,—Pales and Laths are five Score to the Hundred,
if five Foot long, and the Score of three Foot long. Dealer of the Hundred Sec Quantum Control of the Score of

Historian Frégite et ingress Handré. Se Quivera. Historian i louissances, Commis, solida e Part et Phistoria i Sibire et Casary, See Sirva and Couvery Professional Control of Sibire et Casary, See Sirva and Couvery Professional Control of Sibire et Casary, Parameter of March 1988, See Decrava, Parameter Sibire et March 1988, See Decrava, Parameter Sibire et Casary, Parameter Port of Sibire et Casary, Parameter Sibire et Casary, Parameter Sibire et Casary, See Sibire et Casary, Parameter Sibire et Casary, Parameter Sibire et Casary, Parameter Sibire et Casary, See Sibire et Casary, Parameter Sibire et Casary, Parameter Sibire et Casary, Parameter Sibire et Casary, See Sibire et Casary, Parameter Sibire et Casary, Parameter Sibire et Casary, Parameter Sibire, Parameter Sibire et Casary, See Sibire et Casary, Parameter Sibire, Parameter Sibire,

milie.

Handreis were first ordsin'd by King Aisted, the 25th King of the Well Searent: Alfreien Ees (Gry Lambard, ords centrals) in some older to the opposite the control of the control

This dividing of Counties into Hundreds, for the better Government, King Afred borrow'd from Germany; where Centa or Centino is a Jurisdiction over 100 Towns.

This is the Original of Hamphed, which thill retain the Name, but their Jurifdikhon is devolved to the County, Court, forme few excepted, which have been by Privilege assect of to the Crown, or granted to forme great Subject, and for remain still in the Nature of a Pranchille. See Congr.

so remain fill in the Nature of a Frenklith. See Goura.
This has been ever fince the Sut. ta £6%, III, whereby
thefe Hundred Courts, formerly feirard out by the Sheriff to so
ther Men, were all, or most Part, reduced to the Courty
Court, and fo remain at preferr; 50 that where we read
one of Hundred Courts, they are to be analytical of festeral
Fanchlith, wherein the Sheriff has not to do by his ordinary
Court, and the Thursted with the Object.

Object.

munity or Privilege, whereby a Man is quit of the Hundred-penty, or Custom due to the Hundred. See Turn and Warn.

HUNDRED-logh, from Hundred, and the Saxon, Lage, Law, fignifies the Hundred Court; from which all the Offi-cers of the King's Forest were freed by the Charter of Ga-

cers of the King's Fourt were true by the Charter of Ca-mutts. See Warscor.

Hownarn Soffia, the Payment of perfonal Attendance ordering Sait and Service at the Hundred Court.

HUNDREDERS, HUNDREDARIL, are Men impanell'd, or fit to be impanell'd, of a Jury, upon any Controverfy, dwelling within the Handres where the Land in Question lies, See Juny.

The Word Hundreser is also us'd for him who hath the unifdiction of an Hundres, and holds the Hundres Court. See HEAD-Borough

Sometimes it is also us'd for the Bailiff of an Handred. See BAILIER

Sce Ballary. Where, Agus Hosgaraica, a diffilled Water, demminated from a Queen of Hangary, for whole Mangary Harris one of the diffilled Waters of the Stopes and is directed in the College Different story, to be made of Neutrany Test of the College Different story, to be made of the College Different story, the College Diff

HUNGER, Fames, a natural Appetite or Defire of Foud. e APPETITE and Foor

ONE AFFETITE AND FOOD.

Hanger is properly diffinguish'd into Natural and Animal: Natural Hunger is an Irritation of the Stomach, oceanical by Fashing; Animal Hunger is the Senfation or Perception of that Irritation, and the Define of Food confequent

There are vision of points as to the Neutra, Guid, and Delinida of Honger, the Point hwing ben controvered from a first many the point of Honger and Point of the Point of Point

thereof.

In efficie, vir generally agreed, that there is from nondifframental to the complete of the complete of the complete of the engishboring Clands into the Stomach, to
still in the Diffication and Digetime of the Food as
still in the Diffication and Digetime of the Food as
Somnach helifit, privates in Nerves for frongly, as no propagene for preprison to the Brain, and that produce the Food
Somnach helifit, privates in Nerves for frongly, as no propagene for preprison to the Brain, and that produce the Food
That Justo force will flave to be acid, by press for Bodies of
That Justo force will flave to be acid, by reston Bodies of
the Culli are able to whether the private catasic Hengry at
their abberring to the Acid Spicials, and blusting the Foons
there of the Complete of the Stomach Lineage.

thereed. See Acts.
Others deeping the Excitence of any fach Scommol-Liquer, and accounting for Digettion without 4 it deep Hanger to have any Dependent chereat.—The day Attention of the Coats of the Stormach, according to them, is the only Carle.
Thus is it that the Indian's clade their Indian's, the Value Indian's clade that Indian's clade that Indian's clade their Indian's love their Indian's love their Indian's love those in the Tolsecon Levels and claim's Shells: The Fills table any the Appeting both as the Tolsecon Exercise gradually dimands the Schillailly of the Sommach, and such earlier Schill Schillailly and the Carle Schillailly and the Carle Schillailly and the Carle Schillailly and the Sommach, and such earlier Schillailly Schil

Thus also it is, that poor People frequently finoak Tobacco to descrive their Hanger, not to latinfy it; for Tobacco affords no Natriment; but it occasions a plentiful Spitting, and by this Means discharges the Body of the corrolive Humour

Namemen, their tecesions a periodic Sprinter, and by Namemen, their tecesions a periodic Sprinter, and by which castle Hugger.

Which castle Hugger.

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One, reduct to a Sone of Contraction, which follows the Montaneous of the Eventualistic Motion, rabbing lightly, upon one such than the Castle Hugger, which were the Periodic Motion, rabbing lightly, upon one such Hugger.

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Which were the Motion of th

incommoded with Histoger than others.

In effect, we obletree, that foune Animals, whofe Humours are found to have those Conditions, as Tortoifes, §6e. will live a long time without Food.—For Man, for others Days are commonly fuppood the Limit within which, if he take no folid Food, he dies; tho' we have Inflances of Ablitmence which far furpath this. See Anstrunces and Fast-

HUNGRY Evil, is an unnatural and over-hafty Greedi-ness in a Horse, to devour his Meat faster than he can chew it; and may be known by his shatching at it as if he would

HUNTING, the Art or Act of purfuing and chafing

EINTRING, the Art or AO of purfaing and chafing Bentin Ginne. See Gaste. In its special Sende Huming includes the Purfait both of hairy and finather Ginne plan its noner puopes and re-sults of the Control of the Control of the Control and Chene. See Braxy. See also Fowtene. T. At Emery, Profession of the Profession of Con-puted Trensit of Huming.—From thost Words as God et al., Huming was condired as a Right school'vel, or made over to Min; And the following Ages appear to have been of the General Controllary with in the name of the Control of Controllary with the Authority and Research, it made one of their generaler Directions; and as or the wilder mone barbrown, if every does not the single mone barbrown in ferred them for

and Roman, it is mitted on of their growter Directions and as a content of the more barbons, it for the marked and Needlines.— The Rome Jurispandence, which was soon dealblifted in a Mexician Marked the survail Riphord of Theira which here so Malies, belongs to the first Problifter, and the State of Theira which here so Malies, belongs to the first Problifter.

Date the Northern Needlines of Barbonians, who because the Committee of Barbonians, who because the Committee of Barbonians, who have been a survey of the first problines of the State of Barbonians, who have been as the Proper State of Barbonians, who have been also been a survey of the first problems of the Proper State of Barbonians, who have been also been as the Proper State of Barbonians, who have a survey of the State of Barbonians, which is a second Right, or make it a Royal one.—Thus belonging only to the King, and these who derive it from him. See Kixan, Loxo, E.S. Chaurres of the Engl, Lows and Regulations of Preferrations of the Game, E.S. See

Regulations for Preferention of the Game, &c. Sec. FOREST and GAME

FOREST and GAME.
Hanting is packed in a different Manner, and with a
different Apparatus, according to the Nature, Genius, and
Address of the particular Beath which is the Sabject thereof.
—The's Beatly are the Hart, Hind, Hare, Boar, Wolf,
Buck, Doe, For, Marten, and Roce; the five first whereof
are denominated Beatls of the Fariff, or Fasery, Splveffres;
and the five latter, Beatls of the Field, or of Case, Camadd the five latter, Beatls of the Field, or of Case, Cam-

poffres

The Gentlemen and Mafters of the Sport have fram'd a new Set of Terms, which may be call'd the Hunting Lon-

The Terms, then, and the Bestin of Venery and Chine.

The Terms, then, and for Bestin of Venery and Chine.

The Terms, then, and for Bestin of Venery and Chine.

The Terms, then, and for Bestin of Venery and Chine.

Sometime of Swine. — A Reset of Waive. — A Restly in Martina. — A More or Logic of Bestin. — A Restly in Martina. — A More or Logic of Bestin. — A Restly in Martina. — A More or Logic of Bestin. — A Restly in Martina. — A More or Logic of Bestin. — A Restly in Martina. — A More of Logic. — A Rest Medic. — A Hardwise of Fermi. — A Cost Vist. — A Too Kruntin. — A Martin Combine.

Combine. The More of More

CONTROL - A BORGE ENVIL - A BOR HAVE, to September 1, 10 and 1, 10

A Worf good to Madico of Madico. — An Olecer Institute to the Work of Madico of Madico. — Of a Heart we for the Sidt. — Of a Heach, and all fill from Deer, the First.— Of a Heach, and all fill from Deer, the First.— Of a Heach, and all fill from Deer, the First.— Of a Boar the Off and Deer the Madico, and other the like work in open Ends. — Of a Boar the Off rade. — The Hase, when in open Ends. — Of a Boar the Off rade. — The Hase, when in open Ends. — Off a Heach of Heach of

Spraints.

Spraints.
As to the Heads of Deer, fomething has already been fpoken under the Article Heads.
For the Artics, or Parts thereof, those of a Sung, if perfect, are the Bur, the Panist, the Birtle Knobb on the Resaus, the Gutter, the Bullet to San-Intelle Knobb on the Resaus, the Gutter, the Bullet to San-Intelle Knobb on the Resaus, the Gutter, the Bullet to San-Intelle Knobb on the Resaus, the Gutter, the Bullet to San-Intelle Knobb on the Resaus and all at Top the Orector. Of the Buck, the Bury, Burne, Burn, Bur

and Speciers.

If the Croches grow in the Form of a Man's Hand, it, is call'd a Palmed Hesd.— Heads bearing not above three or four, and the Croches placed aloft, all of one Height, are call'd Coverned Heads.— Heads having doubling Croches, are call'd Forked Heads, because the Croches are planted on the Top of the Beam like Forks.

They fay, a Litter of Cubs, a Neß of Rabbets, a Squir-

They fay, a Litter of Caha, a Nog of Rabbers, a Squire-Differ.

"Differ.

"Differ.

"Differ.

"Of Greybounds, two make a Frieng of Hounds, ab, compts.— Of Greybounds, three make a Lefe 9; of Hounds, ab, a Capits and Liddy.—They fay, let fife a Greybound, are the in called a Lefe, and the off a Hound a Lymer.—The Greybound has his Caller, and the Hound a Lymer.—We fray & Kenntle I Hounds, and a Pack of Bengles.—We fray & Kenntle I Hounds, and a Pack of Bengles.

Styles or Monners of Hunring

The Styles or Manners of Hunting are various, according to the Country, the Beaft, and the Means whereby he is to be caught.

to be caught.

The Hauting wild by the Ancienas, was much like that now peatful for the Rain Derry which is filedon Bautal at Feece, or with Blumds, but andy alreamy with a Bluedon Beer of the Bluedon Beer of Bluedon Beer of Bluedon Beer of Bluedon Bluedon Beer of Bluedon B

Their Huntsmen, indeed, were accustom'd to shout and make a great Noise, as Virgil observes in the third of his socyaids: Ingenteen classers preme ad retio Cerusan. But this Confusion was only to bring the Deer to the Nets laid for him.

The Stilling way of Hanting had finenthing in it was wheth Ways Heat of Deep read. Gentry King inferred which Ways Heat of Deep read. Gentry King inferred which Ways Heat of Deep read of Lead was been as the state of Deep read of Lead of Lead with Lead fine were Lead was and in Bentle of Staven fined with Lead fine were Lead was and leading to Staven fined with Lead fine were Lead was the Lead of the Collection of Lead was and the Lead of the Collection of Lead was and the Lead of the Collection of Lead was and the Lead of the Collection of Lead was and Lead was and Lead was and Lead with Lead was and Lead wa felves in the next Covert.

terves in the rext covert.

Then the chief Ranger entering within the Line with Hounds to draw after the Herd, roar'd the Game with their Cry; which flying towards the Line, were turn'd off, and till gating on the flushing and finning Festhers, wander'd about as if kept in with a real Wall or Pale.

The Parent full unstitude and colline assum DeGa at the Control of the Control o

about as It kept in with a real Wall or Face.

The Ranger fill purified, and calling every Perfon by
Name, as he possed by their Stand, commanded him to
floor the first, third, or fisth, as he pleas'd; and if any
of them milit'd, or fingled our another than that assign'd
him to man cannot be represented for the conline in the control of the con-

of them miss's, or ungion our another than that attign'd him, it was counted a grievous Difgrace. By fach Means, as they pas'd by the feveral Stations, the whole Herd was kill'd by the feveral Hands. Pierus Hierofyphic. lib. 7. cap. 6.

phic. lib. 7, cap. 6.

Hanning, as practical among as, it shirily performed with
Hanning, as practical among as,
the performed with
the various Kinds of Game; as Homed, Grey-bound, Science
Hannin, Hands-Hanni, Terriers, Ke. See Hours,
In the Keenels or Packs they generally rain titem under
the control of the performance of the control of the control
of the Control of the Control of the Control
of See Hours,
On fonce Occionen, Next, Spear, and Informments for
digging the Ground, are also required: Nor is the Huminglim to be control. See Hours, the Mer. Work De-

The ufual Chafes among us, are the Hart, Buck, Ros. Hare, Fax, Badger, and Otter. - We shall here give what relates to each thereof.

reinest ouch thereof.
By the way let be older'd, with regard to the Sesion of Pecific, that Herr and Buck Henring begins as the End of Pecific, that Herr and Buck Henring begins as the End of Pecific Henri and Decreme in Carrier on Help Read-Days, "The Hill and Dive come in Carrier on Help Read-Days, and init till Conditions...—For Henricy corns in a Corplinat, and look it tilt of Jenusies. On the Carrier of Henricy Commence as Alle Hedwig Commence and Comme

Here, too, is the Place for fome general Terms and Phrases.

Hee, so, is the Pieue for fone general Terms and Phriftis, more immediately used in the Proputed of the Sport listif, with at the long or the devent Soon of Comes, in particular, between the Pieue and Pieue

When the Dogs hit the Scent the contrary Way, they are

When they have smill.

When they take fresh Scent, and quit the former Chase for a new one, it is call'd Hunting Change.

When they hunt the Game by the Heel or Track, they are

faid to bust Counter.

When the Chafe goes off, and returns again, traverting the

when the chaste goes for, and returns again, travering the firm Ground, it is call'd Hausting the Field.

When the Dogs run at a whole Hend of Deen inflied of a fingle core, it is call'd Rauming Rist.

Dogs flet in readinels where the Game is expected to come by, and calt off after the other Hounds are paired, are call'd a Relay. — If they be call off e'er the other Dogs be come

"(Fellow — It has be call off our the other Dogs be come up, in call of a formular, Chife has been, they make a Professe come, but stem, it is call of a Hermita.

At distinguish the thorn, the call of a Hermita, is a marked at the contract of the contrac

Hart Hunting, of Hunting of Red Deer. - This Animal, the first Year is call'd a Coff or Hund Coff. - The fector of Year, a Knobber. - The third, a Breek. - The fearth, a Steggard. - The fitth, a Steg. - The fixth, a

courts, a Coggett-— 1 se tuns, a Sog.— The fixth, a Coff.— The fectors, a Harryl, and forestime a Errokus' Into Good, a Harryl, and forestime a Errokus' Into Good, a Harryl, and forestime a Errokus' Into Good, a Harryl, and forestime a Errokus' Interest Control of the Company of the Company

and being kill d by Filtenmen is Mise from Land, — When in going to ray, they have occifion to note a great River, to Arm of the Sea, 'tis fald they effemble in great Herds; the firrogelef goes in first, and the next of Strength follows; and lo one after the other, relieving themselves by flaying their Heads on the Battecks of each other.

their Heads on the Buttocks of each other.

The Hind commonly carries her Calif eight or ninc Months, which ufailly falls in May; Some have two at once; and they cat up the Skin wherein the Calif laid, — As the Young grows up, the reaches it to run, leap, and how to defend itself from the Hoands.

The Hart is aman'd at hearing any Call, or whiftle in his Fift: If you cry ware, were, or take beed, you will fee him instantly turn back, and make some little Stand. -- His him initianity turn tack, and make fome little otend. — Its Senfe of Hearing is very perfect when his Head and Earst are crefted; but very imperfect when he holds them down: Hence, when he pricks up his Earst, he is known to be ap-prehensive of Danger. When he is on Foot, and not afraid, e wonders and takes Picafure to gaze at every thing be

he wooders and takes Plefatue to gaze at every thing be for the property year, but the property of the propert

for when the Horn grows metasures, one; are mad Ar.

The taken of this Berth requires a deal of Art and Ar.

The taken of this Berth requires a deal of Art and Ar.

The taken of the Berth requires a deal of Art and Ar.

The taken of taken of the taken of taken

See Hoven,
When he gens for Sport, he is fift or excempts the Beat,
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figs 2ffc, in her own Loyer, and thus unbirdens her in
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are to be carefully noted : If you find the Treadings of two

the one long, and the other round, yet equally big, the longest Sion declares the largest Harr i Add, that she old Aller's halle four server own eachest the largest Harr i Add, that she old Aller's halle four server own eachest the largest in the largest and the largest in the largest and thick, it signifies the Harr to be old. — y. To how whe Heighth and Thickenft of the Harr, other that Large and thick, it signifies the Harr to be old. — y. To how whe Heighth and Thickenft of the Harr, other has been been the Height of the Largest the Harry of will be a Lafter. — As to his Fraying Faff, note, that the older the Hart is, the fourer he goeth to fray, and the greater is the Tree he chafes to fray upon; it being necessary it he fach as may not bend.

the later, is the lower few green to being needing with the case as may not breat, and the later later later later, as well as the later later, breath later later

a hundred Devices to jut our ionic ducer recast ion in some Sometimes, he will find forth force other little Deer in his Sead into the Dops Way, lying clofe the while himself; on which Occasion the Hunsipess is to found a Retreat, and break off the Dops, and take in Learn, till the Game be recover'd

recover d. Sometimes he will purposely seek out for other Deer at Layer, and rouse them, to make the Hounds house changed have for the first the Hounds house changed have been been considered to the changed have been been considered to the changed have been provided by the changed have been been considered to the changed have been been considered to the changed have been been considered to the changed have been considered Pluce of the Greund's fo that the Hounds fitall pass within a Yand, without reprehending him.— He will break into cor Tricker after insolve to find Deer, routing gethering from the plant of the plant

anways ramming against the Winds, see only to cool himfolf, but he bettern be there to be the other bettern, it he skill, beging the bettern better by these of the Pathens, it he skill, beging the Middle, far fars, fell by touching a Bough, or the like he may give Seare to the Hound. He through the through the state of the state

rather than he would fit.

This being done, the Hunter with his Horn windeth the
Fall of the Beaft; upon which every one approaches, the fallfallest opens the Beaft, rewarding the Hounds with what
properly belongs to them; the Huntfiman, at the fame time,

dipping Bread in the Skin and Blood of the Beait to give the Hounds their full Satisfaction, The Harr is known to be frent by his running fliff, high

The Harr is known to be spent by his renning titis, high, and lompering is by his Mouth being black and dry, without Fourn on it, and his Tongae hanging our; the 'he will formerines clofe his Mouth to decree the Spectators: And by his Slot; for he will formerines clofe his Claws rogether, asif he went at Leifure, and firtight again open them wide, making great Glidings, and hirting his Dew Claws upon the Ground,

gener Gildings, and hirting his Down Leave upon the Ground,
When quite figer, and cole befort, or intercepted on all
Sides, the Hart ufmilly nake to Bay, and makes. Ever with
his head graint the first Man or Day plant colois in upon
Hence this end of the color of the color of the color
Hence this very daugenous going in to a Hart at Bay, effective a Rauting-four, for tears they are most force.

Centroley, ... The first Things, when the Hantiferen come in, is to cert your Hanton, that the Hondon may not break
in it to cert your Hanton, the trick Hondon may not break
and blood the younger Hondon, to make them love a Dorr, and
all cam to leap the Hart Theat. The harting bloom the
guilt's Herston, who has not taken Kay before, make up the
Karlis, and laye it could be Halt Hanting Hondon
Hanting Hondon Hanting Hanting Hanting Hondon
Hanting Hong Hanting H

with.

Lilly, the Perfon that took the Say, being prefined with a drawn Hanger, he is to cut off the Head 3 which does, and the Bonds resulted there with, the conclusing Certain and the Bonds resulted there with, the conclusing Certain Bonds of the Bon

Great Buck.

The Female is call'd Dor or Dos. — The first Year, a Fasur. — The strond, a Tegg. — The third, a Dos. This Beast is common in most Countries, being as corpulers as a Hart, but in most Things resembling more a Roc, except in Colour; which is various, but most commonly branded or fandy on the Back, having a black List all along on the Ridge, and the Belly and Sides spotted with

The Male has Horns not much differing from a Hart, ex-cept in Largeneß, and that they grow out of the Head like Fingers out of the Hand; whence it is call'd Cervus Pal-matus. The Female is without Horns.

Fingers on the second of the property of the p

Layer.

When hard bunted, he takes to fome firong Hold or Covert he is acquainted with 3 not flying far before the Hounds,
vert he is acquainted with 3 normaling any of the Subtleties the

the Darks to text in.

Roe Huntino. — The Roe, the first Year, is call'd a

Kid. — The second, a Gyrle. — The third, a Hensele. —

The fourth, a Roe-Buck of the first Head. — The fifth Year,

The fourth, a Roc Brait of the 19th Intell. — The fifth Year, a Sair Ret 2006. Deer in Egulard is that they abound in Sair Ret 2006. Deer in Egulard is that they abound in Southeast, Germaney, Africa, Sac. And it Broad Roem they had been more common among us, or stricine Humiltonian Bill retaining the proport Terms for the Chare. They make good Cheer, final long, and five end-way. They make good Cheer, final long, and five end-way. They make the control of the Charleston of t

Have Hunting. - A Hare, the first Year, is call'd a Leverer. - The fecond Year, a Have. - The third, a Great

Mars.

A Hars is call die Bebrese, Joseph sy which being Penisine, positief a great many with the Notice that all Hars ever Fermate. — He is call'd Lagae by the Gresh, for his control to the control to the Gresh, for his control to the Control to the Gresh, for his control to the Control to the Gresh, for his control to the Control to the Gresh, for his control to the Gresh, for the Monaray where indifferently.

Those of the Monarina are the most fusif, and those of the Marthet the Indeed: The wandering Hars at most lower in the Marthet the Indeed: The wandering Hars are most lower in the Marthet the Indeed: The wandering Hars are most lower in the Wander of the Marthet the Indeed: The wandering Hars at most lower in the Wander of the Marthet the Indeed: The Wander Hars and Member of the Hars is form'th fix Colerity to the Hard is round and thort, of a convenient Lagal; but we have the Wander of the Marthet the Indeed is convenient Lagal; but the Marthet Marthet

Each Part and Member of the Hare is form'd for Cele-try; the Head is round and florer, of a convenient Length; the Ears long and lofty, to hear the Encury at a Dittance, and fave itfelf in Time; the Ligo continually more, fleeping and waking; and the Eye is too big and round for the Lud to cover it, even when aften, to that the Creature fleeps as it were on the Warth. The Breath is capacious, and

as it were on the Wards. The Breath is consciously all formed to take more Breath than any other Breath.

Food a bland on toward their Forms, and Formed Breath and the Breath and Breath and

Legs, the observes at what Distance her Pursuers are. The Seens is naturally stronges in Wood Hares than Field Hares; but in all Sorts it is strongest when they feed on Green Corn.—In Winter Mornings, the Scent does not lie still the Frost be a little thaw'd: And it may be added, that a Hare always leaves more Scent when the goes to Relief, than when the goes to Form

unan men me goes to Form.

Her Footsleps are more feen in Winter than Summer, because, as the Nights are longer, they travel farther.—
Their Prints are very uncertain at the full bloom; at which Time they leap and play together. The Young, it is to be observed, tread heavier than the Old, by teason their s are weak

Limbs are wester.

A Sock, or Mids Here, it knows by his besting the hard

A Sock, or Mids Here for the hard size in the hard

high with civing further our in the Plains, and many

high with the property of the property of the hard

high with the property of the property of the hard

beeps defe by form Covert Side, turning, winding, and

ending in the Bathes like a Covey, and ready renoung a

ending in the Bathes like a Covey, and ready renoung or

two about his Form, then farewell Hounds, for he will for
cover the property of the pro

quently teat them five or fix Niles without once turning his Head; a did, that he, Block li known, as his ringing out of Form, by his hadder here, which are more white, or his The Hare replants her Condell according to the Wea-ther.—In a most I Day, the holds the Highway more than at any other Time, by tration the Social is then small age to a proper to the state of the state of the state of the Spring, the futbrant to catter, but Spatz down a side shereof, till the Househ have even fine the report which the returns the time Way fix came, without remying into any Corran, for Four of the Wite and Dave hadging on the

Boughs. Regard is also to be had to the Place where the Hare fits, and upon what Wird; for if her Form be either pon the North or Seeth Wind, if he will not willingly tan into the Wind, but afide, or down the Wind; to the contray, if the Form in the Water, it as Sign fite is foul and meatled,

HUN Mears only grow on the Male's being fet with fix or form Barnackes, see painth, but Branchy, yet, Boarter share and the Courtle will make althe Doubsidings and Confiney for the Barnackes, see painth, but Branchy yet, Boarter share and the Court will make althe Doubsidings and Confiney for the Barnackes, and the Barnackes and the B

by the Hounds are frequently in Default. A Hare does not live above feven Years, at most, especially the Buck: And if he and the Doe keep one Quarter,

and then once and the matter action, as ment acceptance of the will out in life as yell most life to a fit by from you had been when the former life as yell most life to a fit by from you had been gine, having killed one Harr, another you had been gine, busing killed one Harr, another you had been gine, having killed one Harr, another will be the second of Hardward and the Constry, and of the Querry for, according to the three control of the control of

Meving folions works a time there'd to some raisers and the State of the Weather, are to be confident, 1—10 the Spring or Summer, a Hare will not fit in the Bullet, because it requestly effected with Hilliams, Stakes, and the State of Westherd with Hilliams, Stakes, and Willaret, his considered to the Spring of the State of Thoras and Bornadies, effectably when the Wind is of Thoras and Bornadies, effectably when the Wind is of Thoras and Bornadies, effectably when the Wind is Nature of the Place where the Line is accollered to the Place when the Line is account to the Place when the Line is accollered to the Place when the Minds and the Line is accollered to the Place when the Minds and the Line is accollered to the Place when the Minds and the Line is accollered to the Place when the Minds and the Line is accollered to the Westher the Minds and the Line is accollered to the Place when the Minds and the Line is accollered to the Westher and the Line is accollered to the Line is accollered to the Minds and the Line is accollered to the Line is accollered t makes being like the first, — According to the Policies you feel her asi, and the Place where you Junin, make your Commence of the Place where you Junin, make your Commence of the Place where you have you feeling the novillest and most commendear Places the Flowarks to Kerner This solimat, the 6 first Years in cally Fare Howarts or, and the first Year in cally Flow Howarts, in This Places the first year of Flow His Nazars, in many Respect, is like that of a Wolf good to the place of the Places of the

not.

A Bitch Fox is hard to take, when bragged, and with Cab, in regard she lies near her Burrow, into which she rans upon Hearing the least Noife; indeed 'tis no easy Matter to take her at any Time, as being a Beast of excoeding Subtlety.

cocding Sublety.

What makes For Himiting the more contraining, is, the fireage has Scena he shifted, which keeps up an excellent frieng has Scena he shifted, which keeps up an excellent has been as the same of make them give over the Course.

make them give over the Courie,
when Birks page a Cikicking, and feels the Dag, BWhen Birks page a Cikicking, and feels the Dag, Bmad Dag; and the like Noise file makes when the miles
any of her Colab; but never cries at all when file is killing
and be the contract of the contract of the colab.
The For is taken with Hounds, Grephonds, Terriers, Next, and Gian. —Of Terriers her are two Stars,
the contract of the Colab.
The For is taken with Hounds, Grephonds, Terriers, Next, and Gian. —Of Terriers her are two Stars,
the contract of the Colab.
The For is the with Hounds, Grephonds, Terriers, Next, and Gian. —Of Terriers her are two Stars,
the Colab.
The C mence.

The Fox chales to Earth in Ground hard to dig, and Clay or Stowy Ground, or amough the Roots of Tree's and his Earth has commonly have to blick, which goes and his Earth has commonly have to blick, which goes and his Earth has commonly have to blick, which goes and have the common hard to be the common hard

where it either lies or grows.

Badger HUNTING. — A Badger is call'd by feveral
Names, vib. a Gray Breck, Bergion, or Bangion. — The
Male is a Badger or Bergio, and the Female a Sec.
This Bealt is very frequent in Raly, Stelly, the Affine
and Heliverian Coalls; and not uncommon in Frence and

and Hobertine Coaths ; and not uncommon or acplant and two finish, the our fermibilings. Dog in his
Feet, and the other a High by his cleven Hord: They differ
too in their flower and Closur, the our fermiling has to a
Dog, the other of a Swine; The fifth has a greater or which
the control of the control of the control of the control
like a Dog, the other Room and Fruit like a Hoo,
the control of the control of the control
like a Dog, the other Room and Fruit like a Hoo,
the control of the control
like a Dog, the other Room and Fruit like a Hoo,
and offferent Mannace, the one, according to him, cathing his
Frumen long, like a Fox, having his Reddence in Redds,
and making his flowers every deep; a through the Dormore
of Cells and Chambers; The one is call'd the Engineering
of Cells and Chambers; The one is call'd the Engineering
of the other and the control of the or City and Chamberry. The one is call'the first control of the co

compleased

The Badger is a very fleepy Berd, efectably in the Day-ton, telebrai living blands due to the Berd Schotz, the Children in the Berd Schotz of the Schotz of the The Badger is a deep bring Berd, herein very flags, The Badger is a deep bring Berd, herein very flags, particularly bring deep to the Schotz of the

The Method of Hunting the Badger is thus :-Earths and Burrows where he lies, and in a clear Moon-shin Night go and ftop all the Holes but one or two, and therein place Sacks, fafterd with drawing Strings, which may flut him in as foon as he ftrains the Bag. — The Bags thus fet, caft off your Hounds, and beat all the Groves, Hedges, or Tufts within a Mile or two. What Badgers are abroad, being alsem'd by the Dogs, will straight repair to their

being alarm'd by the Dogs, will firaight repair to their Earths, and fob traken.

He that flavs to witch the Sacks, must fland clofe, and upon a clear Wind; selfe the Badger will find him, and fly feme other Way for Safery. If the Hounds either encounter him, or undertrake the Chade before he can get into his Earth, he will fland at Eay like a Boat, and make excellent

Sport.

If the Badger be attack'd in his Earth 1 as from as he perceives the Terriers yearn him, he will frop the Hole between the Dogs and himself 2 and if the Dogs continues buying, he removes his Eagange with him, and goes into another Appartment or Chamber, of which he afually has half a Dozen in the Barrow; thus retreating from ner to the other, till he can go no further, and barricading the Way as he goes.
Otter Huntine - The Otter is suppos'd by some, of

the Caftor or Beaver Kind, bring, like it, an amphibious Greature, and living both in the Water and on Land; befule that, the Refemblance in Point of Shape is such, as, were his Tail off, he were in all Respects like the Beaver; differing in nothing but Habitation, the Beaver frequenting both the falt Water and the fresh, but the Otter only the fresh. See

aft Water and the feels, her the Outer only the fields. See Carron.

Outer the control of the control of the Carron.

Outer the control of the field of the Carron.

For the control of the fields, he after the Manner of Quadrupeda.—He is web-forced, like our Water Feels, and can creduce to be under Water a long Time without Keipiration. And yet the control of the c

coun'd tigether in hie Outer.

The Fifth of this Beath is cold and fility, as feeding on tinking fifth; for which Reafin it is out earns among us in this property of the control of the Cartefular Farrar, who are forbiddlen to cet all Manner of Field, are allow'd this. Some in England have, of larr, field much in Farfair of Otter Pye.

The Otter is to be hunted by particular Dogs, call'd Otter Huntil's and all owith picual informents, call of Otter Pye.

The Other is no to Annuel by particular Dant, called Sparret.

To find him out, fount are to go to one Safe the River, and the state of If the Beaft find himfelf wounded with a Spear, he makes to Land, where he will maintain a furious Barrle with the

10 Lellon, when Lellon Portification, Twigs of Willows or MURDELES, in Portification, and usfally laden with Earth. Their Ulsi is to reader Batteries film, or to confolidate the Paffinges over modely Dirches, or to correlated the Paffinges over modely Dirches, or to cover Traverfes and Lodgmens for the Defence of the Workmen, against the artificial Fires or Stones than may be call when them.

upon tacus.

HURDLES, in Husbandry, are Frames made either of iplitted Timber, or of Hazle Rods, platted together; to feree for Gates in Enclosures, or to make Sheepfolds,

HURDS, or HARDS of Flaw or Hemp, the coarier Parts, feparated in the Dreffings from the Tear or fine Stuff. See My and FLAX.

HURLE Bone, in an Horfe, is a Bone near the Middle of the Buttock; very apt to go out of its Sockets with a p or Strain.

Stip or Strain.

HURLERS, a figuare Set of Stones in Cornewall, fo call'd from an odd Opinion advanc'd by the common People, that they are so many Men petrify'd or chang'd into Stones, for prefaining the Sabbath-Lusy by thering the Ball, an Exercise for which the People of that Country have been always.

famous. HURTS, in Herildry, by fonce wrote Hewer's, and by others Hursey, are aune or blue Roundles. See Rowenter. The Light Herild dillipagith. Heroes the Colour Development of the Colour Development

HURRICANE.

HURRICANE, a Whithwhite of or a Stotm of Wind affing from a Contrariety and Opposition of several Winds. See Winns and WHITE AWIND.

Historicans are frequent in the East and Wost India's, making tertible Ravages in the Islands thereof; blowing down Houses, rooting up Trees, and even whole Woods,

They begin in the North, but rum tound; and in a little interest thro all the Points of the Compati.

This the Custom for the Prouds and Program about Times to the the Caribbee James, to find every Year about Jime to the Native Caribbee of St. Dominico and St. Fincent, to know whether there will be any Hurricanes that Year: And about ten or swelve Days e'er any Harricans come, they con-

flastify fend them Word.

The Progeniticks those Basharians go by, are given us by Capt. Langford, who, in 1997, engaged one of them, by Civilities, to exercal them to him.

"Tis one of their Principles, that all Horricanes come either on the Day of the Full, Change, or Quarter of the Moon seach of which is different by a Number of Fig... nomena the preceding Quarters, as, a turbulent Sky, Sun red, univerfal Calm, the Stars appearing red, Noifes in Hollows or Cavities of the Earth, Brong Smell of the Sea,

a fettled welterly Wind, &c.

That Author affures us, he receiv'd this Benefit from the That Author alistres us, he received this Benefit from the Information, that whereas Harrinesse are to descelda, that all Ships are atraid to put out to Sea while they last, and chufe rather to perfil at Achorin in the Reads yet, with good Management, a Veitlel may lie out at Sea in thefe, as fately as other Storms, by tasking Care the Ports be well bared and called, the Topmatis and Tops taken down, the Yards a port leaded, and the Door and Windows Geard!.— With these Precautions, that experienc'd Navigator pre-ferr'd his Vessel in two great Hurricones, and taught others ierv o an ventel in two great zmrreemes, and taught others how to do the fame, by parting out from Port, where they would inevitably have perilh'd. And from the Prognetticks above, he forcted feveral therriconse at Lande. North, and He adds, that all Horriconse begin from the North, and torn to the Weltward, till arriving at the South-Earth, their

he side, that all Morrhard Sight twon has North, and Free is Speci. Proce is Speci. Special Sight two the Good between the Zenta Free is Speci. Special state is done between the Zenta of the Chine or and point back towards the Susth ; and the regular of housing back of the Wind, acceptand by the collines of the general Trade Wind. Delinghelian Hillsan MD, Alarima 2 Min prior of contrades which is the Laws of England, the Wife is Support shouly under the Dominion of the Hillsand, or cas all or well. In Grantery, the Power of the Hillsand is not to exten-fer even the Princes of the English was not a Serveriga producting. A German Lawyer, has a Differentian to prove, taking by the Law of Namer, a Jackmeth is un't adopted the Chine Laws of Namer, a Jackmeth is un't adopted had, by the Law of Namer, a Jackmeth is un't a deposi-tal, by the Law of Namer, a Jackmeth is un't a deposi-tal, by the Law of Namer, a Jackmeth is un't a deposi-tal, by the Law of Namer, a Jackmeth is un't a deposi-tal, by the Law of Namer, a Jackmeth is un't a deposi-tal, by the Law of Namer, a Jackmeth is with a Namer. Papilonian, exp. v. confiriently with his Schoon.

"A Third Politics." Pedicite of Law at Copylinal, give an very learned Differention on the Humboud of a Queen, who is not King, De Mories Registe. He define than a laberture, the who would controlled Marines with the Control Contr

be fabicit to her; and answers all the Difficulties that may be flarted with regard thereto, particularly from Paffages of Scriptute, as If ii. ii. Cor. ziv. 34. Gen. iii. 6. Eph. v. 22. Col. iii. 15, 55.

HUSK, among Botanitta, the Part which a Flower grows

Sec FLOWER.

Of these there are feveral Kinds, as bulbons or round Husks, Bestle Husks, middle Husks, Foot Husks, Hose Husks, Sec. See Hose-Huse, rde. ee Hosz-Husk, &c.

Sec. See Hoss-russe, Sec. Hussans, an Order or Hussans, American Hussans, Hussans, or Hussans, an Order or Species of Soldiery in Poland and Hingary, commocly opposed to the Ottoman Cavalty.

The Hussans are Hosfemen, cloath'd in Tygets and other Skins, and garnife'd and fet out with Plumes of Feather Think Theory and the School of Baseline.

once on the analysis of the Sabre and Bayonet.
They are very refolute a firm Partitions; and better in a hafty Expedition, than a fer Battle.
The Emperor and King of France have of theft Huffars in their Service.

in their Service,
HUSSITES, a Party of Reformers, the Followers of
John Hos. See Repormation.

John Hus, from whom the Husflets take their Name, was born in a little Village of Boberia, call'd Hus. — He fell into the Sentiments of Wicklif and the Waldenfes; and in the Year 1407, began openly to oppose and preach against divers Errors in Doctrine, as well as Corruptions in Point of Discipline, then reigning in the Church. See Wicklippier and WALDENSES.

and WALTHARMS.
He was condemed, with Jerums of Progus, by the Council of Confletor, and burst, in the Year 1415: But John Diffiples still unke to his Dolfrings.—Jeb. 20/6a, being put at their Head in Differonis, maintain d War a long Timo against the Emperor Sigilionach, with great Success. And Proceptus 1969, another of their Leaders, conducted them with equal Courage.

The Huffaes spread over all Bohemia and Hungary, and even Sileha and Poland; and there are some Remains of them ftill substitling in all those Parts.

them thil fabilities in all those Farts.

HUSTINGS, HUVENEVAR to much Steven, Has, Heade,

and Thing, Caste is a d. down't conforms, a Noule where

call is the privacing and highest Caster in Landon, bell in

Guid-hall. See County and Grant hall.

Of the great and bandput of this Count in Landon, bell in

Guid-hall. See County and Grant hall.

Of the great and bandput of this County we find this Man
critical in Landon are of course Rend Castelline. Dailed

estima in Landon are of course Rend Castelline. Dailed

estima in Landon are of course Rend Castelline.

Just I Amer Harling

pa febru M teneris fundam area down & editions at infant

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ge juscet Generi i jumana eva esta Genegasa as sinjur B ad modum B in memoriam vesteris megne troje, de olgase in bodiernum diem, Loges, G-Jura G-Dignitates, E Liber-tates Regialque confustu imes fluss una femper inviolabilitate confervar, Taylor's Hitt, of Garel-kind.

same Regisfings confirms than was unaper menistances and confirms. Total skills of Carel-kand, and Aldermen of Landson.—Error or Attains lies there of a Judgment or falls Verdile in the Sheriff Course.

Other Gittes and Towns had also Course of the fame of the Carel of the Care

See BARRACE.

HUXING of the Pike, among Fishermen, a particular Method of catching that Fish; very divetting. See Pike

Frattisc.
For this Purpofe, they take thirty or forty as large Bladders as can be got; blow them up, and tye them clofe and firmong; and at the Mouth of each, tye a Line, longer or Borter, according to the Depth of the Water. At the Lond of the Line is fatherd an armed Hook, artificially baired; and thus they are put into the Water with the Advantage of the Wind, that they may gently move up and vantage of the Wind, that they may gently move up and down the Pond,

down the Prod,

Now, when a Matter Fite has firstek himfelf, it affords
a deal of Rotertiseause to fee him bossee it about in the
Water with a Bladder at his Tail, a faith, when they perwater with a Bladder at his Tail, a faith, when they perture that the period of the period of the period of the period

HMAGINTH, or Jacourer, in Natural Hiffery, a precoust Stone; that called from in Referendance of the Pupil's

Flower and Hydrinth. See Paccross Stone.

There are Goal Sees of Hydrinth's their unretained with

There are Goal Sees of Hydrinth's their unretained with

All the state of the Sees of the Seeding's and who in the sees of the Seeding's

with a flight red, and, helty, those of a whose, internited to with a flight red.

Hyozinth, again, are diffinguish'd into Oriental and Oc-cidental. The Oriental come from Calient and Cambaga, and are equal in Hardness to the Oriental Amethys.— The Occidental are found in Bebennia and Portugal, which are a Degree fofter. The Stone graves or cuts fine, and would be more us'd for Scals, Sc. but that the Graving frequently cofts more than the Stone.

The Antients us'd it for Amulets and Talifinans; and bore it about their Neck, or fet in Rings, &c. fuppofing it to have the Virtue of ficuring them from the Plague,

is to have the Virue of ficaring them from the Huges, The The primary and of in Medicise, and whereif the Con-fection of Hypernet's is made, is a different Stone, of which there are these feveral Sours 'The first show the Bigsel's and Figure of a Corino of Salt, and precey the Table and divine Parts of the Mys. Solids, Edwards, Sc. This third is white, intermited with vellow, and fone other Codern's be-ter the solid solid solid solid solid solid solid solid solid control of Hypernet's best to Druggills and Apoltect-ries frequently faithful the clother. The could Electury, compared of divers Nearly for perious Stones, particularly of that which Domanistian is been, with certain Larino, see that the solid solid solid solid solid solid solid solid solid divers Nearly of Perious Stones, particularly of that which Domanistian is been, with certain Larino, see the control of the solid solid solid solid solid solid of Hyperneth Solid Solid Solid Solid Solid Solid Solid Solid of Hyperneth Solid Sol

HYACINTHIA, in Antiquity, Feats held at Sparse, in Honour of Apollo, and in Commo

This Hyacinth was the Son of Amyelas, King of Sparta, and was beloved both by Apollo and Zepbyrus. The Youth shewing most Inclination to the former, his Rival grew Jea-Brewing most inclination to the former, ans Rivál grew Jei lous; and, to be revengd, one Day, as Affallo was playin at the Diffetts, i.e. Quoits with Hyacinth, Zophyrus turn' the Direction of a Quoit which Affallo had pitch'd, full apo the Head of the unbappy Hyacinth, who fill down deta Apollo transform'd him into a Flower of the fame Name

And as a farther Token of Respect, instituted this Feast.

The Hysteinthis lasted three Days 4 the first and this whereof were employ'd in bewaiting the Death of Hysteinth

The gluential and the content of the first and fine and the focus in Ferming and Beyong.

The Proofs who affilted at the Corenousy were crown with try to pressed, say, Fifther, Zebb. Lin. c., a how they to pressed, say, Fifther, Zebb. Lin. c., a how they to pressed the Greak, with Seattless and where Coremonics where the Greak, with Seattless and where Coremonics where the Greak, with Seattless and where Coremonics of the Greak, with Seattless and where Coremonics where the Greak, with Seattless and where Coremonics of the Greak, with Seattless and the Greak of the Greak in his Treatife of the greak of the Greak in his Treatife of the greak of the Greak in his Treatife of the greak of the Greak in his Treatife of the greak of the Greak in his Treatife of the greak of the Greak in his Treatife of the greak of the Greak in his Treatife of the greak of the Greak in his Treatife of the greak of the Greak in his Treatife of the greak of the Greak of the Greak in his Treatife of the greak of the Greak of the Greak in his Treatife of the greak of th

wherein the Women Hensted it about in Goaks, while in Men were oblight to dangle in Pertitions.

HYADES, in Aftronomy, are fever Stare, Enness amon the Potts for the bringing of Rain. — Wheree their Nam from the Greek, wo., *Planta, to rain.

Their Place is in the Bull's Head; The Principal of them in the left Eye, by the *Andre call d'Adadoren. The Longitzde's, Latitudes, 8% for among their of the other calls and the start of the other calls and the other calls and the start of the other calls and the start of the other calls and the other calls and the start of the other calls and the other call

Longitudes, Ladraces, Ge. 100 almong three of the olds. Stars in the Confellation Tausus.

The Poets feign them the Daughters of Alias and Eibr. Their Brother Hists being torn to Pieces by a Lionefs, the wept his Death with fach Vehermene, that the Gods, is wept nis Leath with fach vehemence, that the Gods, i Compatition to them, translated them into Heaven, an plac'd them in the Bull's Forehead, where they continu to weep; this Conflellation being suppor'd to prefag

to steep ; inn Communication using suppose to present the Communication of the Communication

of the Body. Hydatides are most common in droptical Persons, an

Hydraties are mell common in droptent Perfoos, and at improvid to arise from a Differention and Rupture of it Lymphaedelts, being found chiefly in the Parts abounding in those Verfiels, as the Liver, Lungs, etc.—They are al-iometimes found in Ichtical Cafes, See Jauweren, oc-we have Indiances of Hydraties voided both by Stoo by Urine, and by Vonning.—They are of all Sizes, free a Pink Head to a Fullet's Egg.

The Word is form'd of the Greek, They, Water, which, in the genitive Case, gives Thomps, whence there, Hydaris. Can Hungaria

HYDATCODES, a Name fome Authors give to the Aqueous Humour of the Eye, included between the Cotmea and Uvea. See Aqueous Humour. The Word is compos'd of Jog, Johns, Water, and Josep.

Prom. Refrushance.
HYDATOSCOPIA, call'd allo Hydadomancy, a kind
of Divination, or Method of foretelling future Events, by
means of Water. See Hyradoman's Court.
There is a natural or allowable Kind of Bydanospolya.
Conflist in foretelling downs, Tempeth, Hurricane, see,
from natural Signs or Indications in the Sea, Air, Clouds,

The Words compounded of those, the Genitive of these, The Words is compounded of those, the Genitive of these, I confider.

HYDE of Land. See Hins.

HYDE of Land. See Hins.

HYDE of Land. See Hide.

HYDE-gyld, from the Sween, Hydgold, a Price of Ranfom paid to fare one's Skin from beating: Alfo the famwith Hidage. See Herder.

HYDRA, a Southern Confiellation, confifting of twentyfix Stars, and imagind to represent a Water-Serpent. See CONSTRLLATION and STAR.

Store in the Confollation Hypn a

No of background in the Head No of background in the Forehead No	Stars in the Confiellation Hydra.				
the store, we see that the store of the Neck 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	ongitude I Latiende I >	or Longitud	Manage and Situation of	g	
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Subfeq. in the Rost of the Neck			,		
at 1	18 34 32 22 11 31 6	18 34 3	Subfect in the Post of the Neck	y	
20 20 45 81 83 83 84 85 85 85 85 85 85 85	9 23 26 21 08 10 6	19 23 2	busing in the Most of the Mees	at	
Small one over the Heart	10 14 28 23 23 33 6	20 14 2	40		
Small one over the Heart	2 12 42 26 11 13 6	22 12 4	20		
M. Mid. of a in heading of the Need. 3 1 1 1 1 1 1 1 1 1	1 29 16 23 50 49 6	21 29 5	C		
M. Mid. of a in heading of the Need. 3 1 1 1 1 1 1 1 1 1	21 09 15 19 15 08 6	22 04 6	Shart one over the Heart		
m Mid. of a in bending of the Neck. 1	22 57 59 22 24 32 2	22 57 5		c,	
1			Mid. of 2 in bending of the Neck	m	
Laft of 3 in bending of the Neck 2 1 1 1 1 1 1 1 1 1	11 15 42 16 44 01 5		South		
Latifornia educing at the Next. 13 9 9 4 8 7 The following the Hiners 67 67 8 7 67 The following the Hiners 67 67 67 67 The following the Hiner 67 67 67 Anach behind this, and more N. 7 67 67 Freed, of three following the Hiner 67 67 67 The following the Hiner 67 67 67 The following the Hiner 67 67	22 42 29 19 15 01 7	23 42 2		r	
1	25 49 39 22 15 00 7	25 49 3	Last of 3 in bending of the Neck	a.	
That following the Heart			30		
That callowing this	16 53 18 23 06 24 6	28 21 1	That following the Heart		
S That, again, fold, this to the N. 0 1 1 1 1 1 1 1 1 1			That following this		
37 39 30 30 30 30 30 30 30 30 30 30 30 30 30	28 57 20 19 43 16 7	DE 4 05 4	That, again, foll, this to the N.		
Anach, behind this, and moreN. 7 15 2 3 2 5 4 1 2 5 4 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2		7 7			
g Anach. behole this, and more N. 7 o 10 20 0 0	3 22 09 18 24 47 6				
1	5 07 52 22 29 43 7		Anoth, behind this, and more N.		
Proceeding of these following these 10 d pc 10 d p	3 33 37 18 20 37 6	3 33 3			
1	5 03 01 17 24 10 7		40		
## Middle of g in the right Line 17 2 2 3 6 10 14 1	10 44 50 24 40 10 4				
Middle of gin the right Line	12 22 47 24 08 24 5	12 22 4	as in a right Line)		
Misses or 3 in the right Line	12 58 27 23 14 02 7	12 58 2			
The Lake of three in the right Line 16 0; 39 31 49 58 18 18 18 18 18 18 18 18 18 18 18 18 18	13 45 56 23 29 50 5			18	
c Contig. to Borrom of the Cup 17 36 16 33 45 03 45 03 50 00 50 00 16 31 40 43 34 40 94 40 95 00 16 91 10 10 10 10 10 10 10 10 10 10 10 10 10	15 54 24 23 04 24 6	15 54 2	Small one following this	gs	
South beneath Bafe of the Cup 2 of 1 40 30 16 31 10 10 10 10 10 10 10 10 10 10 10 10 10	16 03 39 21 49 28 4	16 03 3	Last of three in the right Line	ts	
South beneath Bafe of the Cup 2 of 1 40 30 16 31 10 10 10 10 10 10 10 10 10 10 10 10 10	17 26 16 23 45 03 7	18 44 2	Contig. to Bottom of the Cup	70	
10			South beneath Base of the Cup		
North beneath Bafe of the Gup 24 15 37 25 37 33 In A against the last (Preced. 22 3 37 39 31 35 14 34 and South Bend of South 6 47 40 33 26 12 the Tail Last 9 04 42 31 27 76		26 14 1	10	g	
m the Tail (Laft 9 og 42 31 37 16	24 15 25 25 27 22 4		North beneath Bale of the Cup	10	
m the Tail Last 9 04 42 34 27 56	3 37 39 31 35 14 3 4	A 3 37	and South Bend of South	ı,	
	9 04 42 31 27 56 4	9 04	the Tail Laft		
35	1		ss		

HYD (271) HYD

Longitude | Latitude. | 3 Names and Situation of the Star 0 1 " Antepenultimate of the Tail = 20 32 08 Last but one of Tail beh. Gross 22 42 30 14 33 15 5 13 43 18 3 12 02 06 6 13 00 37 4 13 04 11 6 22 42 30 U 1 59 34 4 18 31 In the Extremity of the Tail 60 12 54 21 5 14 02 26 5 8 57 04 5 6 9 01 56 6 9 26 50 6 9 55 55 12 28 42 12 49 10 Informes following Hydra's
Tail, between Libra, Centaurus, and Lupus.
65 01 49 14 08 58 11 03 09 5 15 52 01 10 13 50 6 7 16 43 19 10 23 52 6 7

HUDAGOCIUES. Special of jungarios decicione s blong den aus efforced decimies june of distange deman, or sustery Humones. See Fune arress.

The finongia Chamirick, Dr. Spingero, observas, children de tre che Chamirick Dr. Spingerone și in that by their perceptual proportione, and the special control of the special contr

cines, are Hydrogogues
The Word is form'd of Josep, Water, and agen, to draw,

to lead.

HTM RAGGIRUM, a Name the Capuills give to MTD and RAGGIRUM, a Name the Capuills give to MTD and Capuille give to Silver, by each or in refembling liquid or melted Silver.

HTDRAULINESS, that Part of Silver by MTD and Capuille give to Silver by MTD and Capuille give to MTD and Capuille give to Silver by MTD and Capuille give to MTD and

TER.

To Hydraulicks belong not only the conducting and raifing
of Water, with the constructing of Engines for those Purposes; but also the Laws of the Motion of fluid Bodies.
See Morron.

Sec morron.

Hydrolfaricle explain the Equilibrium of Fluids, or the Gravitation of Fluids at reft: Upon removing that Equilibrium, Motion enfeets, and here Hydrollistic commence, Hydrollisticks, therefore, hypote Hydrollisticks 3 and the generality of Writers, from the immediate Relation between

generality of Writers, from the immediate Relation between the two, join them together, and call them both either Hy-dramlicks or Hydrofitaireks. See Hymografareks. The Laws of Hydrofitaireks the Reader will find under the Article Fluxy.

Artiel Furth.

And the Art of raising Waters 3 with the feveral Machines employ of for that Europe, as dyfour, Pronty, Spring, Foundation of the Europe, as dyfour, Pronty, Spring, Foundation proper Articles, Strices, Pruns, Strauce, Power Mais, Fant-Begins, Ste.

The Wood is dearly foundation, West and adva. Julis, Planting, Julie of the Corte, Margard, Intelligent Martin, Water and adva. Julis, Planting, Martin, Planting, Water and Cortes, Indian adva. Julis, Planting, Martin, Mar

demy of Science.

In the Hydratic Machines, Hero of Alexandria is the fact to Hydratic Machines, Of the Moderns, the Principal Research of the Moderns, the Principal Research of Machines, and Partiel Treating of Machines, and echiety of Hydratic Companies 200 Colors in this Machines Machines and Colors of the Machines Machines and the Machines Machines and the Machines Machines States of the Machines Machines and Machines Machines (Machines Machines Machines

HYDRAULO-PNEUMATICAL, a compound Term apply'd, by fome Authors, to fuch Engines as raife Water by means of the Spring of the Air. See Air, Water, Enmeans of

GINE.

M. Boyle mentions a very pretty Fountain, which he alls Hestenale-Perturnation 1, made by the Spring of the Ale perfing up Water in a Pipe, upon the Air's being exhaufted out of a Receiver, and thus the Weight of the Atmosphere taken off. See FOUNTAIN, VACUUM, 55.

HYDRELÆON, or Hydrelæum, in Pharmacy, a Mixture of common Oil and Water. See Oil and Wa-

TER. Hydrolous taken internally, excites Vomiting; externally, it is Anodyne, and promotes Supportation.

The Word is a Compound of the Greek, John, aqua,

"The Work is a Common General Common Service of the Age of the Water, and Sons, Olim. Olim. Million of the Market Million of the Mar

and the Water it raises directed to the Place by means of a jointed Tube. See Punty.

The Dutch and others use a long flexible Tube of Lea-The Dates and others are a long Hexible Tube of Lea-ther, Sail Cloth, or the like, which they carry or conduct in the Hand from one Room to another, as Occasion requires, a for that the Engine may be apply'd where the Fire is only within-file, and does not burit out to expose it to its external Action.

To improve on this original Fire-Engine, they have fince

To miprove on this original Fire-Engine, they have fine centri'd to make it yield a continal Stream, by biabilitating a forcing or prefiling Fump in lieu of the facking Funp. Set Forci 100 Tyme, H. TUROCELE, in Medicine, a Swelling or Bloating of the outer latesquament or Skin of the Serotum, occasion d by watery Hamoure call or detailed therein.

The Word is formed of the Green, Eds., Water, and gashe,

The Hydrocole is diftinguish'd from an Hernia or Descent, in that the first is form'd by flow Degrees, and the latter all See HERNIA.

aconce. Overfignish.

Youth is most expect to the Hydrocele. — It is cur'd by
drying Medicines; or by letting out the Water with a
Lance, a Seron, or the like. — But thefe only amount to a
pulliarive Care: To go to the Bortom of the Difeafe, recourfe muit be had to Cauteries. The Word is compounded of the Greek, Jan, aqua, and

HYDROCEPHALUS, or HYDROCEPHALE, in Medicine,

a cratery Head, or Droply in the Head. See Head.
The Hydroephalus is a Congeltion of Water in the Head, fo as to diftend and ender it folt. See Dropsy.
There are three Kinds of Hydroephali. The first, when the Water is gather'd between the Skull and the Skin: The fecond, when between the Skull and the Brain: And the third, when the Water is collected in the Ventricles of the

Brain.

by all the mere more liable to Hydroghold, thus Adults to by the district their lines in fifth, and to be a must be must be the mean to be a must be

The Hydrocephalus is a Diffage very difficult to cure.—
There is no Renaedy but by fevere bliftering on the Sumrea.—
It fometimes ends in mortal Convulsions, and fometimes

It fonctimes ends in morat Coarumons, and Jountaines. In Lettangies or Apoplexies.

The Head, in this Cafe, is foncitime extended to a prodigious Balk; is of that the Perfor cannot bear or finflain it. Of this we have an extraordinary Inflance given us by Perios, of a Girl was Neare 644, whole Tiend was 26 Inches in Circumference. Publisher, 17 englat. Nr. 318.

The Wood is Greek, formed of May, Water, and zerand, The Wood is Greek, formed of May.

Head Capast, Head.

HYDROGRAPHICAL Maps, more usually call'd fes.

Charts, are Projections of Game Part of the Sea, in Plano;

for the Use of Navigation. See Mar and Navioarions.

In thefe are laid down all the Rhambs or Points of the

Compast, the Meridiana, Parallela, 85c. with the Coaste,

Capes, Islands, Rocks, Sheath, Shallows, &c. in their pro-

Capes, Hisands, Rocka, Shaalto, Shalloon, &c. in their pro-per Hasca, Proportions, &c. Chrispher Columbus, the first great Discoveree of America, was a Man that carn'd this Viring by making and felling Hy-drographical Maps. He happen'd to be Heir of the Me-moirs or Journals of a noted Hole, one Admost Stander &c. Hardros, Caprain of a Ship, who, by Chance, had been driven by a Sourm to the Hand of St. Zhoukings, and dy'd. at Columbus's House foon after his Return. This gave Columbus the fiest Hint to attempt a Discovery of the West-Indies, in which he faceceded.

For the Confirmation of the feveral Kinds of Hydrographi-

cal Maps; See Chart.
For their Ufes; See Sailing.
HYDROGRAPHY, that Part of Geography which confiders the See; principally, as it is navigable. See Sra and

GROGRAPHY

Hydrography teaches how to deforibe, and measure the Sea; gives an Account of its Tides, Counter-tides, Corrents, Soundings, Bays, Gulphs, &c. as also its Rocke, Shelves, Sands, Shallows, Promontories, Harbours, Diffances, &c. from Port to Port, with all that is remarkable, either out at Sea, or on the Coast.

Some of the best Authors use the Term in a more ex-tensive Sense; so as to denote the same with Navigation.

tenner come; to at to detoote the Line with Nacigation.
In this Sent Haylorged by Inches the DeChrise of Suffiand every thing needling to be known, in order to the fifth
and of the Committee of the Committee

feltion, but the answering and Dic Chales, are the principal Written on the Sabiett of Hydrography.

The plants Review Posterion of Hydrography and Physical Physical

Siecing, Eft. with the feveral Branches on manusuman-necessity, thereon 3 as Arithmetic, the Delities of the Sphers, Tripomometry.

They are Royal Defolfors, and teach Gratis; having Salistic allowed them by the King. They are also changed similar allowed them, and the salistic states of the Theory and the salistic states of the salistic states of the salistic states of the salistic states of the ter, and spice, fritte, deptine, is write, deforth. HYDROMANCH, THROMANTER, the All or Art of divining or forcelling future Events by means of Water.

Hydromancy is one of the four general Kinds of Divination; the other three, respecting the other Elements, etc. Fire, Air, and Earth, are denominated Pyromancy, Aero-

maney, and Geomency.

Verre mentions the Perflans as the first Inventors of Hy-**See Manual Payahan a the first intercess of Psychogoras made ule thereof. See Hynaroscopy.

The Writers in Opticks, furnish as with divers Hydromantic Machines, Vesicles, &c.

To ConfirmEt a Hydromantic Machine, by Means whereof an

Image or Object healt be removed out of the Sight of the Spectaco, and refur d again at Pleafure; existent assering the Position either of the one or the other. Provide two Veffels ABF and CGLK (Tab. Hydrau-licks, Fig. 31.) the uppermost fill'd with Water, and fa-ffain'd by three little Pillars, one whereof, BC, is hollow, and familit d with a Cock B.

Let the lower Veffel CL be divided by a Partition H1 to two Parts; the lower whereof may be open'd or clos'd

by means of the Cock P.

by means of the vocx r.

Tone the Partition gives an image, which the Speclator
Upon the Partition gives Rey Give
If now the Cack B be open'd, the Ware defending into
If now the Cack B be open'd, the Ware defending into
Re Carity Cf., he Ray Gf. will be refracted from the
Perpendicular GR to O₃ to that the Speclator will now fee
Image by the refracted Ray O₃ — and again, flustting the Cock B, and opening the other P, the Ware will

crising the Oca B, and opening the other P, the Ware will

crising to Ray will now cough from the Chief. The North deficial into the lower Cavity HL; whence, the Ketražino ceafing, no Krys will now count from the Object to the Eye.

— But, flusting the Cock Pagain, and opening the other B, the Water will fill the Cavity again, and opening the Object in Sight of O affech. See Reference of the Cavity again, and the Cavity

To make a Hydromantic Vessel, which shall exhibit the Images of external Objects, as if fainming in Water.

Provide a Cylindrical Vestel ABCD, (Tab. Hydraulicks, Fig. 32.) divided into two Cavities by a Glass EF, not perfectly positive. In G apply a Lens Convex on both Sides 3 and in H incline a plain Mirror of an Elliptic Figure under an Angle of 45° 2 and let H and H G be formething lets an Angle of 45° 5 and let 114 and 114 be formething lets whan the Diffance of the Focus of the Lens G 5 for that the Place of the Images of Objects radiating thre' the fame, may fall within the Cavity of the upper Veffel. — Let the inner Cavity be blacken'd, and the upper filld with clear Water.

If now the Veffel be difpos'd in a dark Place, fo as the Lens be turn'd toward an Object illumin'd by the Sun; its Image will be fren as fwimming in the Water,

The Word is Greek, compos'd of gaus, Water, and parteles HYDROMEL, a Drink made of Water and Honey Historical 2 Since the Active of the Active of Historical But Honey diluted with a fufficient Quantity of Water, and fermented by a long and gentle Heat. See

HONEY. Under the Class of Hydrowels come our Mead, and Metheglin. See MEAD and METHEGLIN.

Hydramel is either Simple, call'd also aqueous, where Honey and Water are the only lagredients; which may be prepar'd at any Time; or Companied, when other Drugs

prepard at any time of Compounds, when other Liruge are added, to improve and extel the Flavour and Virtues. "Tis particularly call'd Vinous Hydromed, when it equals the Strength of Wine; which it is brought to do, not only by the great Quantity of Honey us'd in it, but alfo by its long Cochion, Infelation, &c. This is only made in the Heat of Summer.

Vinces Hydronel, (the fame with what we otherwise call Mead, Sc.) is made of Rain Water and the best Honey boil'd together, and skum'd from Time to Time till they become of a Confidence to fuffain an Egg. This done, the Liquor is expos'd to the Sun for 40 Days, to dispose it to Liquer is expard to the sun to a o Lays, to dispote it to ferment; then, adding found of shorth White, and keeping it two or three Months, it acquires a Flavour feares inferior to Maimfey. — It fuddles readily; and the drunken Fit holds langer than that produced by Wines, by reason of its more

d Confiftence. Hydremel is the common Drink of the Poles and Ruffient, Diedorst Siculus, lib. V. and Arificial, relate, that the Col-tiberi and Tankantii, ancient People of Illyria, drank Hydro-mel infred of Wine.

The Word is compos'd of Jan Water, and win, Mer,

Hoser.

HTDROMETER, in Informent wherewith to measine the Throme the Throme through the Throme throw through the Throme throws the Throme through the Throme throws the Throm

Hofometric includes both Hydrolitzicks and Hydrallicks. See Hymnory Argests and Hydrolitzicks and Hydrallicks. See Hymnory Argests and See Hymnory Hymnory. The first Leftance where we mere with it, is in the Year 1594, when a new Chair or Professorling of Hydrolitzicy was founded in the University of Eastingue, in Paraward S. Grightshoini, who had carry'd the Doctroe of Rumning Waters, with rewoo and carry d the Dobrice of Running Waters, with re-frect to Rivers, Canale, Diker, Bridges, &c. to an unufual Length. See Rivens, Ways, &c. HYDROMPHALUS, in Medicine, a Tumor in the Na-vel, arising from a Collection of Water.

vel, arting from a Collection of Water.

The Phylographics in distinguished from other Tumors of
The Phylographics in distinguished from other Tumors of
the Phylographics in the Collection of the Collection of

The Word is formed of the Costs, south lines, south lines, Navel, HYDROMISTES, or HYDROMISTES, a Name given to certain Officers in the Greek Church, whole Business was

to make the holy Water, and fprinkle it on the People. See Holy WATER. The Word is compounded of Thep.

The Word is compounded of \$\(\tilde{\tilde{\tilde{\tilde{b}}} \), \$\(\tilde{\tilde{b}} \), \$\(\tilde{b} \), \$\(\tild

diffinguifhing Tenet was, that Water should be used in the

Encharift instead of Wine The Word is form'd of the Greek, John, Water, and

The Word is form'd of the Greek, Mos, Water, and weeken, I perfect, I offer, HIDROPHOBIA, in Medicine, an Aversion or Dread of Water; a Symptom arising in Versions birnen by a mad Dreg, or other Bealt.

Tho' the Parm Hydrophobia do, in Strictness, only denote this one Symptom; yet is it frequently apply do to the whole Diffact confequent on fashe bire, with all its Symptom.

toms.

The Word is Greek, compounded of \$3.50, Water, and \$0.50.7

Times, Fear, of \$0.50.001, timeo, I fear.

The Hiflory of this herrible Differs, as given by Celling.

Aucelianus, Dr. Mess, Exmeller, Lifet, Sc. is as follows:

The

The Bite of a mad Dog is streeded with this fearprising Circomfinee, that its Effects frequently do not different hierarchies and the street Cauge is frequently do not different hierarchies and healing like any other common Would. But, forme time after, fortied Symposic neities: Usfault) where committee in Beau ferry Day's forestimes in Bux, forestime time that the street of th Pain throughout the whole Body, but chiefly about the wounded Part: The Patient grows anxious and melancholly, and very prone to Anger; complaining of every Thing, as the ambient Air, the Heavinetis of his Bed Cloaths, &c. He womits ja his Pulic intermits, and forsewhat of a Tement is observed, with Convultions of the Nerves and Tendon; oblervél, with Convolitions of the Nerves and Tendens-allong with their face feel an inward late and Thirst is a lait the grand Symptom appears, which demoniants the Diffusit, with who fight Petrope, or Desided Water, to have the properties of the properties of the properties of the out the atmost Conferention, in the late of the face out the atmost Conferention, in the late of the face of the feeling of the properties of the properties of the properties of the final face. This is the Pathogonomic Sign of the Diffusite 's being come to its Heighty and never happens till uncot three Days before the Patient's Druth, the Diffusite being then, by the manimum Confere both of an accitezt and mortern Hystense, adobtedly increasible.

mounts of the control With this there are other concomitant Symp

Nor is any Bite or Wound at all secoffary; the Saliva of a mad Dog, 5% houge pre to convey the Dirich by more all and the properties of the Dirich by more all allace in the Tellispheited Tenglishins, of two Men activities the Dirich to by parting their Fingers in the Month of a Tuppy that had been be by the med Days, and feeling the fame Work, of two Children in Interface, who, by tooch-ing and handing the Head of a Dog that the deem bet by and Dog, and walning the Wound, out'd the Dog, but the time Work of the Dirich that the Child by the Tellispheit of the Dirich that the Child by the the Saliva was a see Conf. of the theorytheir a Dog.

when the Different drawing less considered the Dog, but a before the State and Confe of the Higherpholes a - Different between season of the state of the State and the St

Intellige on his hind Legs. But this was not all § for whe² he was murcl' upon his belly, and would how a shed the he was murcl' apon his belly, and would how a shed the heart sheet properties of the sheet produce it has been been seen to be the produce it did Pain; and tho be frequently part out his Crouge, and lipply, we be could not conduct to take much him within. as. That his Spittle was enterently abburning it as his estimated was prefere. Dennito him: And S. Liquel The Lord and was prefere. Dennito him: And D. Liquel The Lord and was prefere. Dennito him: And D. Liquel The Lord and was prefere. Dennito him: And D. Liquel The Lord and was prefere. Dennito him: And D. Liquel The Lord and was prefere. Dennito him: And D. Liquel The Lord and was prefere. Dennito him: And D. Liquel The Lord and the preference of Spittle, might get him the general Ferror, as she practice of the promote the Dickstep of Sakita has his Month's and delta Thange, many his preference and the preference of t

fould Things.
At n tel Core of the Hydropholia, Dr., Meed, after Golon,
At n tel Core of the Hydropholia, Dr., Meed, after Golon,
recommends it, in this as in other resonous Colis, on colarge
and to keep it open for at leaf form Polys. But if this Method, form no cruel, it may fuffice to extract the Polion by
chaping a Capping glifs on the Place, having first made a
deep Sortification. The Declar adds, he has known a PerLaguatum and Rayleraness accentigable to Application of the
Raymanum and Rayleraness accentigable to the Place of the Companion of the Companion and Rayleraness accenting to the Place of the Companion and Rayleraness accenting to the Place of the Companion and Rayleraness accenting to the Place of the Companion and Rayleraness accenting the Companion and Rayleraness accenting to the Companion and Rayleraness accenting to the Companion and Companion and

fon fieth bitten, harplify five'd by the fole Application of the Ungenomen Registronian concedingly but and on not in. If these external Percusations have not been utild, on not in. If these external Percusations have not been utild, the first of the set Plant, recorded must be had to income desirable, then filter of River Lobblen, or Cary Ellin, and the set of the set River Lobblen, or Cary Ellin, and the sanctive Physicians for the data cred dy'd who used thin Remody. These Affects to be when to the Quantity of one or two Spoothies every Day for force Days the acceptable, the salone, so with Gentian Root and Days the conference of fulled a bittenger of the Parliet utile. Due to be formers or fulled a bittenger of the Parliet utile.

But the frequent and fudden plunging of the Patient over Head and Ears in the Salt Sea Water, is the best and farest Preservative against this Disease.

The Word is form'd of the Greek, Josep, Water, and ones, I bear, or carry off,

HYDROPIC, a dropfical Patient; or a Perfon fwell'd and bloated with the Abundance of Water or Wind. See

Danes v. The World of found of Sag. Ware, and sels, Dates, Face, The World s. is Medicine. So a Danes v. The World s. is Medicine. So a Danes v. The World so originally forcet, dipole, of they and sels. HYDROPS and Mandaus, a Perim foncetime used for a Danes v. See Dianary is of the Commission used for a Danes v. See Dianary is offered to the Commission of the Commissio

DASSER, The Word is Greek, Segentria, of Ship, Water, and must, Pater, Drinker, vir. may judicious and the property of the property of the property of the manufacture of Time. See Chrossova Pater. The Phylinging was a Kield of Water-cler, confilling the property of the Water becoming facectively conteppeds, as it technical out of the Vertex of the Cone, pointed out the

Syneflus describes the Hydroscope at large in one of his

Symplin deferites the Hydrography at sarge an one of a Learner, Soc. Carpenta, proteins, praint of 5 shap, Water, Learner, Soc. Carpenta, praint, praint of 5 shap, Water, and zerner, I view, I confider, III DR GOST ATICAL Bullemer, a kind of Endlance con-trold for the early and seaf finding the Specific Gravities of Delto beth Aigand and Social Carbell. Usin editioning the Dayer of Parity of Bodies of all Kinds; the Quality and Richesti of Media, Oce, Mineral, Se, the Proportions in any Minner, Adulteration, or the like I off all which, the Special Weights in the only adoptive Judge. See Waterstr.

Syeales Weight is the endy adequate Judge. See Witterty, MINTAR, Gears, MINTAR, Care, Care,

compared to one that is no Unite, will be the Amendear of the Proportion official, and all in Apparenta, it repreferes the Program of the Property of the Property of the The Institution, Fey pg and needs into Defeription. To all it, the Whigh & R series aligned, as to believe what is to be long to the other End of the Beam, in which Some the Institution with the Property of The Property of the Section of the Property of The Property of the Section of the Property of The Property of the Section of the Property of the Property of the Section of the Property of the Property of the Section of the Property of the Property of the Section of the Property of the Property of the Section of the Property of the Property of the Section of the Property of the Property of the Section of the Property of the Property of the Section of the Property of the Property of the Endow in the Property of th

little Weights for that Purpofe. Having thus adjusted the Bubble in that Water, the Spe-Having thes adjuited the Bubble in that Water, the Spe-cific Gravity of any other Flaid will be found by weighing the Bubble therein; and fince you always weigh to much of the Liquid as is equal to the Bulk of the Bubble, if there be any Variation between fuch Quantity, and the like Quantity of Water, it will be differed by putting Weights into the

afcending Scale.

of Weers, it will be also rever by patting weights into the General Conference of the Balbids, bury on the Blocket H Ks, and the Beam will be the Balbids, bury on the Blocket H Ks, and the Beam will be the Balbids, bury on the Blocket H Ks, and the Beam will be the Balbids, bury on the Blocket H Ks, and the Beam will be the Balbids of the Balbids, bury on the Balbids of the Weights, and debauthen the Scales of Colici of Water. Them, as the Balbids will find a work of the Weights, as is the Weights of an equal Balbid of Water y Applithetium. Little, part the Scale find from the Blocket, and country-spirit for spin which will be a work of the Balbids of the Ba

To Hydroflaticht belong whatever relates to the Gravities and Equilibria of Liquots; with the Art of weighing Bodies in Water, in order to efficiate their Specific Gravities. — Mr. Boyle has apply'd Hydroflaticks to good Purpole, in e

mining and proving the Goodness and Purity of Metals, Minerals, and other Bodies, particularly Fluids, in an express Treatife, entitled, Medicus Hydroflatics, See Hydrost a-

Treatic, entities, natural Hymystates. Dec Hydrockies, tricks. Edilized.

The Word is Greek, composed of Edop, Water, and omal, Staticks, of our & fam, thanding, of seven, fip. fife, it lend, I flor: Hydroflatels being conceived as the Dictrine of the Edulibrium of Ediquest. See Equitaints and STATICKS.

The Lowing Hydrock action of the Hydrockies of the Adjulation of the Edwing of Hydrock action of the Hydrockies of the Hydrockies. The Lowing Hydrockies are the Adjulation between the Hydrockies below and the Hydrockies below and the Hydrockies below as the Hydrockies below a SPECIFIC Gravity.

Hydroflatteks are frequently confounded with Hydraulicks, by reason of the Affanty of the Sabjects; and several Authors chuse to treat of the two promisesously. See Hy-

DRAULICES

HYDROTICION, See SUDDRIFICE.
The Word is Greek, formed of \$Joe, annst, Water.
HYGEINA, that Branch of Medicine which confiders
Hostity and different proper Menns and Remedies, with
their Ufe, in the Prefervation and Recovery of that State.

their UE, in the Frederication and Recovery of this States.

See Mericerts and Heartyii.

The Objects of this Branch of Medicine are the NonObjects of this Branch of Medicine are the NonHighiests may be divided into there here: graphylafficin,
which forefrom and greeven Disinfes; Synteristics, employed in
represent places, and Analogiest, whole Office in or
representation of the North Company of the States of the North Company
HTGROCHESOCHEL, in Medicine, a Branch of a Vian Seaff with all Blood, or other Humans. Get Vaxxx.

Van Seaff with all Blood, or other Humans. Get Vaxxx.

HTGROCHESTER, a Machine or Influences whereby
HTGROCHESTER, a Machine or Influences whereby
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Seaff with the North Company of the North Company
HTGROCHESTER, a Machine or Influences whereby
Seaff with the North Company of the North Company
Seaff with the North Comp

to medine the Degree of Depreth or Molitare of the Air.

See Air., HOMOTIVE, GF.

The Word is compounded of the Greek, peyer, humides,
moil, and perils, a simeri, I mondate. See Hivanoscore.

There are divern Kinds of Hygologies; for, wheneve Body
belong form il most melligramere. — Sola are Woods rises,
Minds, principality Affin, Deal, Poplar, GF. Soch also is
a Cargai, the Beard of a wild Clark, See Woon, Gev.

The belt and moil usual Contrivances for this Parpels,
are as follow:

Confirultion of a Hydroscope.

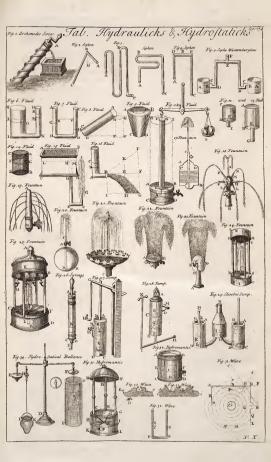
Struck a honge Code, or a Field-fring, as AB (Tab)
Presenticks, Fig. 7) slong a Wall, bringing it over a
Weight E just which if a Style or Easter Code,
weight E just which if a Style or Easter Code,
from Wall firs a Fine or Meal Hi, divided into say Nambox of equal First, Adm the glong-lysi complex,
from Wall first a Fine or Meal Hi, divided into say Nambox of equal First, Adm the glong-lysi complex,
from Wall first First or Meal Strings, and thus,
as the Mallium corporate, they frame to their former
the Weight, therefore, in the perfore Cids, upon an lorerate
of the Molitum of the Air, will allocately and, apon an DianHote, as the Index I Co will first the Space of Africa
and Defent; a find their Space are qually the Jaconese

Hence, as the Index FO will filter the Spaces of Attent and Defent; and thois Spoces are equal to the Increments and Decrements of the Length of the Cord or Gar A BD a the Inframent will differer, whether the Air be more or left hamid now, than it was at another given Time.

Or thus :

Or thus:

If a more fenible and accurate Hygroforte be required, ftrain a Whipcord or Fiddle-ftring over feveral Trackles or Pulleys A, B, C, D, E, F, and G, (Fig. 8.) and proceed with the reft as in the former Example. Nor does it matter whether the feveral Parts of the Cord AB, BC, CD, DE,





EF, and FG, be parallel to the Horizon, as expres'd in the EF, and FG, be parallel to the Horizon, as express d in the prefent Figure, or perpendicular to the fame.

The Advantage of this, above the former Higgeometer, in, that we have a greater Length of Cord in the fame Com-pass: And the longer the Cord, the greater its Contraction

and Dilatation, Or thus : Fasten a hempen Cord or Fiddle-string AB (Fig. 9.) to an

Faiten a hempen Cora or Friede-String M.B. (Figs. 9.) to an Iron Hook, and ler the other End, B., delected upon the Middle of a horizontal Board or Table E.F. Near B. hang a leaden Weight of a Pound, C., and fit an Index C.G. Lulty, from the Center B. describe a Circle; which divide into any Number of squal Parts.

Now, it is marter of Obferration, that a Cool or Gett usuality and the cool of the usuality of the state of the Number of equal Parts.

Patters one End of a Card or Fäldbörfring H I (Fig. 1:2) to a Hook. H ş and to the other End fiftien a Ball k, of a Pound Weight. Daws were concentred Corcles on the Ball, and divide them into any Nomber of equal Parts. First Style or Index N Join on a prove Support N, fo as the Extensity O may almost meach the Divisions of the Ball. Here, the Cord of cut willing and unwiviling, as in the bernort Citic, will indicate the Cadago of "Medicine, 4th Lyd Daws of the Cadago of th Or thus: to the Index.

Or thus: Provide two wooden Frames AB and CD, (Fig. 11.)

Provide two wooden Frames AB and CD, (Fig. 11), with Grooses shering and between those Groover fit two shirt Leaves of AH AFF C, and CEDII, fo as they may carly filed either Wey, Ar the Eurosus of the Frames A, enging filed either Wey, Ar the Eurosus of the Frames A, them the Space EG HF, about an Inch wide. On I felling a Sign of Euris denoised, IX, and in I.a. little densel Meeting, upon whose Axis, on the other Side of the Machine, and the Company of the Company o the fame Side, draw a Circle, and divide it into any Number of equal Parts.

Now, it being found by Experience, that Aften Wood readily imbibes the Moifture of the Air, and fwells therewith; and as that Moiffure flackers, farinks again; upon any Increase of the Moifture of the Air, the two Leaves AF and BH growing turgid, will approach nearer each other: And, again, as the Moifture abates, they will shrink, and again recode. Hence, as the Diffance of the Leaves can neither be increased nor diminish'd without turning the neither be increased nor aminimus of whose in respect of Wheel L, the Index will point out the Changes in respect of Or thus:

It is to be noted, that all the Hygrameters above deferib'd become fenfibly lefs and lefs accurate 3 and, at length, under-go no fenfible Alteration at all from the Humidity of the

go no fienfible Alteration at all from the Hamidity of the
Air. The following one is much more lafting.
Take the Manufocky, deferible under that Article, and,
infleted of the echanical Ball B, (Fig. 12, 15 fabilities a
Spunge, or other Body, which entity imbibes Moithure. To
repeare the Symnge, it may be necesfirely fift to wasth it in
Water; and when dry again, in Water or Virequer wherein
Stal Ammoniate or Sail of Tatera has been diffiorly, and let

Sid Ammonisc or Sul'ed Tutter has been difficied, and let in the gallent in the programme of the gallent in the gallent in the Sunney growing heavier, will preponderuse; at fleet, the Spunge will be holfsed only; and, orderigently, the lines, well then the Interest or Deceale of Hamildity of the Art. If, Gald, in the Philippin of the Company of the Company of the Company of the Philippin of The Company of the Company of the Philippin of The Company, in the Open time of the Company Learn to chinge in Weight from three Dramt on tine; and has filled an lands or Torogot of a Billines or Degree. — A fingle Grin, after its till lareetle, has varyld in Bequilibrium fo feetily, has the "Rospe of a Billines out in Locardia, but the "Rospe of a Billines out in the County of the "Rospe of the Rospe of t

nam, or Oil of Tartar per Deliquiam, or the Liquor of fix'd Nitre, might be fubilitated in lies of the Oil of

Med. Null, Bagen on sustinated in first or the Cut of The Ballanes may be centrict the Owys ph y thick having ing the Pin in the Middle of the Benn, with a finisher and the Pin in the Middle of the Benn, with a finisher an arched Pant, a prependon a Fig. 1 see Divisions on a study Pant, a prependon a Fig. 1 see Divisions on the Pin I will be a perfect of the Pin I will be a perfect for long, as no definite a sing Arch on a Bond pinel for the Pin Pin I will be a perfect of the Pin I will be a perfect of the Pin I will be a perfect of the Pin I will be a Pin I will be Pin I will be a perfect of the Pin I will be a Pin I will be required to the Pin I will be a Pin I will be a Pin I will be required to the Pin I will be a Pin I will be a Pin I will be required to the Pin I will be a Pin I will be a Pin I will be required to the Pin I will be a Pin I will be a Pin I will be a Pin I will be required below the Pin I will be a Pin I will be a Pin I will be required below the Pin I will be a Pin I will be a Pin I will be required by the Pin I will be a Pin I will Eath, and Eath, in Winter and Summer. 3°. By conftant Observation of the Motion and Relt of the Wood, with the Help of a Thermometer, one may real the Situation of Wind without a Weather-cock. See Wind. He adds, that the Time of the Year may be known by it;

for in Spring it moves quicker, and more than in Winter; in Summer it is more firmak than in Spring; and his leis Motion in Autumn than in Summer. See Season, Wea-

Solitore at in more Branch than in Syring; and but Martines, G.

200 States, William Common and Com

CATOR, ESC

CATOR, ES.

HYLEGIAL Places, among Aftrologies, are fath, in which, when a Planet happers to be fet, it may be faid to be fit to have the Government of Life attributed thereto.

HYLOBIL, or HYLOGIANS, a Soft of Indian Philofophers, thus denominated by the Greeks, in regard they retird to Foreits, to be more at Leifure for the Contemplation

of Name.

The Name is compared of the Gray, flow, which, be, the Name is compounded of the Gray, flow, which, be, the Memer, fignified also Wood, Forett, and a fee, Life. In the Name is compared to the Compared to the Name is the Name in the Name is the Name in the Name in the Name is the Name in the Name in the Name is the Name in the Name in the Name is the Name in the Name in the Name is the Name in the Name in the Name in the Name in the Name is the Name in the Name in the Name is the Name in the Name in the Name is the Name in the Name in the Name in the Name in the Name is the Name in the Name

Cinge tempora facilius, Suave elentis Amaraci.

It was for this Reason, that the new marry'd Couple bore Gerlands of Flowers on the Wedding-Day: Which Cultom also obtain'd among the Helivers; 3, and even smong the Christians, during the first Ages of the Church, as appears Christians, during the first Ages of the Church, as appears from Tertislien, de Carona Militari, where he fays, Caronaus & Nistee Speales...S. Chrysfelm likewise mentions their Crown of Flowers; and to this Day the Greeks call Marti-age sceares, in refrect of this Crown or Gatland. See Church and Galland.

CROWN and GARLAND.

Hysers, is a thin Membrane or Skin, refembling a Piece of fine Parchment, fupposd to be firethed in the Nock of the Womb of Virgins, below the Nymphae, and to be broke when they are deflower'd; an Effusion of Blood following the Breach. See Deprenanton and Visa-

The Hymen is generally look'd upon as the Test of Virgia ne trumou as generally look'd upon as the Tell of Virgi-nity, and when holes, or withdrawn, flews, that the Perfon is not in a State of Innecence.—This Notion is very sackent. Among the Hebrews, it was the Coffonn for the Pracers to fave the Blood fleed on this Occasion, as a Token of the Vir-ginity of their Daughter; and to fend the Slewes, next Day, to the Husband's Relations. And the like is faild to be fulfil profitis'd in Portogol, and fome other Countries. See VIR-

GINITY.
And yet Authors are not agreed as to the Exiftence of fach Hyunn. Northing, Dr. Drake observes, has employed the Carolinty of Anatomidis, in difficiling the Organic of Generation in Women, more than this Part : They differ not only as to its Figure, Subfigure, Pisce, Perforation, but even ite Reality 5 some positively affirming, and others flatly

envying.t. Die Grass himfelf, the most accurate Inquirer into the Sruchter of these Organs, confesses, he always fought it in wais, the in the most unsuffered Subjects and Ages: All be coa'd find, was a different Degree of Streighness or Wielers and Streighness or Wielers of Streighness or Wielers or Wielers of Streighness or Wielers or Wielers of Streighness or Wielers of Streighness or Wielers or Wielers of Streighness or Wielers or Wiel younger, and more untouch'd.

younger, and more unrough'd.

Dr. Drake, on the other Hand, declares, that in all the
Subjects he had had Opportunity to examine, he does not
remember to have mile'd the Hymen fo much as once, where
he had reason to depend on finding it. The fairest View he semember to have mild'd the Hysses for much as once, where hed reafton or depend on finding it. The fairful View be ever had of it, was in a Maid who dy'd at 30 Y cars of Age: In this, he found it a Membrane of fome Streeght farnish! Ad with fieldly Fibres, in Figure round, and perforated in the Middle with a final Hole capebbe of admitting the End of a Woman's little Finger, fiture a little dove the Orfice of a Woman's little Finger, fiture a little dove the Orfice of the urinary Pallings, at the Enternance of the Vagna of the

the arms y failing, at the Instrume of the Vagina of the La Infant, it is a fine thin Montherine, not very configured to the Latina, it is a fine thin Montherine, not very configured to the Pailing to the Configured to the Configured to the Pailing to the Configured to the Configur

Upon a Rupture of the Hymen, its Parts flirinking up, are suppos'd to form those little fleshy Knots, call'd Carm-

are suprost to form thole little fieltly Knots, call'd Carma-cale Mytriferons. See Myntry100 ass Cormunical. Hymras is allo said by Botanitis for a fine delicaes Skin, wherewith Flowers are inclord while in the Bad, and which buths at the Flower blows or opens. See Brto. The Hymras particularly und in fipeaking of Rofes. HYMN, a Seng or Ode in Homour of God, or, a Poem proper to be faing, composed in Homour of

Sone and One

see Soon and Ohn.
The Hymria or Chin of the Ancient generally conflicted. The Hymria or Chin of the Ancient generally conflicted and the Hymria of the China of the Hymria of God by which, according to him, it is diffinitely an expectation of the Hymria of God by which, according to him, it is diffinitely an expectation. See Trus as a second of the Hymria of God by which, according to him, it is diffinitely an expectation. See Trus as a second of the Hymria of Hymri

PSALM. The Te Deum is also commonly call'd a Hymn, the' it be not in Verfe; so is the Gloria in excels. See Te Drum and Gloria in excels.

In the Greek Liturgy, there are four Kinds of Hymn In the Greek Liturgy, there are four Kinds of Hymn; but then the Word is not taken in the Sente of a Praise offer d in Verfe, but fimply of Laud on Praise.—The Angelic Hymn; or Gloria in excelfit, makes the first Kind; the Tritiagion the focused; the Chernhic Hymn the third; and the Hymn of Victory and Triumph, call'd sentence, the last. See Tax-

SACION:
HYOLDES, in Austrony.—The Os Hybrides, called also
Recorns, in Bone futures at the Root of the Tongon, making,
Bernard, in Bone futures at the Root of the Tongon, making,
It is that called from its imperied Referenblance of the
Greek Uprilion w, the Word being formul of st and safe, Form; for
Greek Uprilion v, the Word being formul of st and safe, Form; in
It present for the safe of the Tongon of the Root of Roots of Centricit.

The Bafis of the Hysides is about a Thumb's Breadth long on the outer Side, which is convex; the inner being concave. It is half a Finger broad, and has a finall Prom-berance in the Middle. The Corma are an Irch and half long, and broader at Bortom than at the Extremes, which are about two locks affinder. are about two Inches afunder.

are about two increas aumeer.

It has two cartilaginous Proceffes, call'd Corniculas, faften'd
about the Junchure of its Comasa with the Bafis. They are
ry'd to the Proceffus Styloides by long fleader Ligaments 5
the' fometimes between them and the Styloides there is found

the fone-time between them and the Styloides there is found a final Matche, bethe Asylogensapidate.

The Bath of this Bone lies, as it were, on the Hand of the Laryers, and in Herma an finited by Ligimens to the Laryers, and the Herma are finited by Ligimens to the Styloides. See the Matches of the Matche

HYOTHYROIDES, in Anatomy, a Pair of Muckles of the Larynx. See Larenxe. They rife from the anterior Part of the Os Hyoides, and are inferred into the Cartilago Thyroides.—They ferre as Antagonifis to the Sternothyroides; and lift up the Thyroid

Cartilage.
The Word is compounded of Hywides and Thyroides. See

The worn is composured or Hywaes and Leyrwatts. See HYPAILAGE, or Immutation, a Grammatical Figure, whereby, of different Expressions which give the same dies, we make Chaite of that which is least used a cry, when there is a mutual Permutation or Change of Cafes, Moods, Regimens, a mutual Permusanon or Science of the See From E.

As, in this Instance, Dere Classima Austres, instead of Dare Cases. Adjeric.

The Word is Greek, wearangle, form'd of semanature, I change; composid of sem and senature, I change; of sande, after sembles.

vers Tensus deriv'd from that Language.

The Greek Prepolition, évês, pyper, literally fignifies
above, beyond; and, in Comyofition, expertiles fome Excefs,
or fomething beyond the Signification of the firmple Word it
is jointd with.—Hence,
HTPERBATON, in Grammar and Rhetoric, a Transfposition; or, a figurative Confinalition, inverting the natural
and proper Order of the Terms of a Difficartic. See I'A ansi-

TION

POSITION.
The Hyperpotaton, Longinus observes, is no other than a Transpolal of Sentiments or Words out of the natural Order and Method of Discouries, and always implies gener Violence or Strength of Peffon, which naturally hurnes a Man out of himself, and diffracts him variously. — They saids is most liberal in Hyperhotens. We have not considered the Natural Constitution of the Natural Cons

aids i med libera in Hyperhoteat. Forbi transferaffe. — It is Gainstine soils be Hyperhoteat. Forbi transferaffe. — It is of uit to ensire and aimster the Diffcourfe i it is very roope to make the solid Marillan. And represent an Agitation of Marillan in the livited Marillan. An experient an Agitation of The World is derived of the Greek, Sengasher, transferaffer, The Debyered, formed of Seng. Metro. Approach and Jasims, see, i.g., HTPERBOLA, in Geometry, one of the Carret Lines, from the Jy the Selection of a Gate. See Coarte define.

The Hyperbola arifes when the Plane that cust the Cone is not parallel to one of its Sides, as it is in the Parabola she that diverges from it outwards, not inward, as in the Ellipsis. See Parabola and Ellipsis.

See Pankjona and Extraria.
Thus: If the Core ABG (Tab. Comicks, Fig. 27, b) be for cut, as that the Axis of the Seltion DQ continued, concur-with the Side of the Core AC, continued to B, 2 the Garnel of the Core Acceptance of the Core AC, continued to B, 2 the Source Authors dorline the Hypertolds in be a Seltion of the Core, by a Plum pental to in Axis. In the third Definition is faulty; For tho' it be true that finds a Seltion really de-ferince a Hypertolds, yet it is likewise mee, that a thorising other than the Core Acceptance of the Core Acceptance of the continued which to Configuence are not included in the continued which to Configuence are not included in the

Definition. Definition.

Authors fornetimes call the Plane terminated by this Carre, by Hyperbole 2 and in refiped hereof, call the Carre triffed the Hyperbole Line.

A Hyperbole may be chiral, with refiped to its Properties.

The constraint of the Carre triffed into a right Line commendation to the Rechangle of the Abfails into a right Line commendation.

pounded of the fame Abfeils, and a given right Line call'd the Transverse Axis, as another given right Line, call'd the Parameter of the Axis, is to the Transverse Axis: Or, it is a Curve Line, wherein ay = abx +bxx, that is,

In the Hyperbola, a mean Proportional between the transverfe Axis and Parameter, is call'd the Conjugate Axis: And if the Transverse Axis AB (Tab. Comcks, Fig. 27.) be join'd directly to the Axis A X, and be biffected in C; the Point C is call'd the Centre of the Hyperbole. See Axis and CENTRE.

If a right Line DE pass thro' the Vertex A, (Fig. 20.) parallel to the Ordinates Mrs., it is a Taugent to the Hyper-

parallel to die Ordinates Men, it is a Tangant with Hydridin in No. 14 American Amer

Properties of the Hyperbola,

In the Hyberkela, the Squares of the Semi-ordinates are to each other, as ReEnagles of the Abfells into a certain right. Line compared of the Abfells into a certain right. Line compared of the Abfell and Transferie Axis. — Hence, as the Abfellies κ increase, the Rechangles $\kappa^{\mu} + \kappa^{\mu}$, and concinquently, the Squares of the Semi-ordinates γ^{μ} , and therefore the Semi-ordinates themselves, increase. The Hybrides, therefore, continually recedes from

is Axis.

2º. The Square of the Conjugate Axis, is to the Square of the Transferse, as the Parameter, to the Transferse Axis.

And hence, fine 1/sis: 1/si/AP.PB, the Square of the Conjugate Axis, is so the Square of the Transferse; as the Square of the Semi-ordinate is or the Redample of the Absisis and Lina compost of the Absisis and Transferse.

Abless now a superior of the probabe, in a continu'd Motion; the Transferic Axis, and the Distance from the Verex, being given, in the two Evol F and f, (Fig. 8.8.) for two Nails or Pens 4 and to one of them, in F, tye a Thread F M C, fathering the other End C to the Rulet C f, while acceeds the forme by the Transferic Axis A B. The other End of the ing the other End C to the Raier Gf, which exceeds the fame by the Transvera Axis AB. The other End of the Raier being perforated, put it on the Fin f, and fixing a Style to the Thread, move the Raier. This will the Style trace out an Hyperbola. Again, with the tillip tond, which may be consected an Hyperbola are called the tillip tond, which may be consected into an Hyperbola different and the Escan frields my Interval into an Hyperbola depth of the Stand frields and with the Style

reft.

40. If in an Hyperiole, the Semi-ordinate PM, Fig. 20. be produc'd till it meer the Alymptote in R; the Difference of the Squares of PM and PR is equal to the Square of the of the Squares of PM and PR is equal to the Square of the Conjugate Semi-axis DA.—Hence, as the Semi-ordinate PM increases, the right Line PR decreases, and confequently MR; and therefore the Hyperboles itself approaches nearer to the Asymptote; but it can never abblishedly meet it, be cause, as PR.—PM²—DA²; it is impossible PR²—PM³. PM fhould over become =

50. In an Hyperbola, the Rectangle of MR and Mr, is equal to the Difference of the Squares PR and PM.

sy, in an apperson, the Recentifies of M. K. and Mr. is equal to the Difference of the Square 18' and 1M₁. And heave, the fame level of the Square 18' and 1M₂. And heave, the fame level of the Square 18' and 1M₂. And configuration of the Square 18' and 1M₂ and configuration and Recentified 18' and 1M₂ an

19 a"=109+x9. 9. In the Thyperbole, as the Transverse Axis is to the Parameter; to is the Aggregate of the Transverse Semi-axis and Abscis, to the Subsormal; And as the Aggregate of the Transverse Semi-axis and Abscis is to the Abscis; fo is the Aggregate of the entire Transverse Axis and Ab-feifs to the Subtangent. See Surnormal and Subtanfeifs to the

99. If within the Afympoten of an Hyppriolo, from a Foot thereof, as, (Fig. 1) be drawn two right Lines Har and an K, and other vol. N and NO, paralled to the fame, Han, ask and N. And other vol. N and NO, paralled to the right Line the after MINA, one of the control of the c

right Libel drawn jurillel either to the finne Line H_K or two H_K is the H_K of two H_K is the H_K of two H_K is the H_K

no the Point of Council V. Lattly, the Rectingle of the Segments Hα and all k_1 parallel to the Tangear ED, in contrast to Segment Hα and all k_2 parallel to the Tangear ED, in contrast to Segment of half the Tangear ED, in contrast to the Section of the Abidis, and Algographs of the Tanisvette Dinnerer AB, (Fig. 50) and Abidis AP, as the Segment of the Conjugar Semi-dinerer AD, its to the Tanisvette Dinnerer AB, the segment CA.—Therefore You for the Conjugar Semi-dinerer AD, its to the Tanisvette Dinnerer AB, and $x^2 = x^2 + x$ s betts. So that the fame Equation defines the Nature of the Hyperbola in respect of its Diameter, as expected it in respect of its Axis; and the Parameter is a third Propor-

respect of six Axis 3 and the Parameter is a third Propor-tional to the Compigate Diameters DE and AB.

11°. If from the Vertex A, and any Point of a Parabola
N, 5 on draw AF and TN parable to the Asymptote
CR; the Rectangle of TN into TC, with be count to the
Rectangle of FA into FC.— Hence, if TC=x, TN=y;
the Equation experiming the Nature of a Hyperiols within

the Equation experfiling the Nature of a Higheride within Affirmence, in religiod of in Diamener, will be a younds. Affirmence, in religiod of in Diamener, will be a younds. I call on the other partial properties of the other partial of the other partial of the other partial on the Carre heing drawn, parallel to the other Afringence to the Carre heing drawn, parallel on the other Afringence on the Carre heing drawn, parallel on the other Afringence on the Carre heing drawn, parallel on the other Afringence of the Other Parallel of the Other Africa of the Other

Carres. Hence, different Hyperbole's will familh different Series of Logarithms to the fame Series of natural Numbers; to that to determine any particular Series of Logarithms, choice must be made of foue particular Hyperboles.—Now, the most simple of all the Hyperbole's is the Equilateral one; is about Numbers of the Series of the Seri i.e. whole Afymptores make a right Angle between them. This, M. se Lagni alledges in Favour of the Binary Arithmetic, as being the Refult of fuch Equilateral Hyperboles.

metic, as being the Refult of 18th Equitators, 2012.
See Binary Ablumberte.
For the Locatiof an Hyperbolla. See Locus.
For the Quadrature of an Hyperbolla. See Quadrature Equilateral HYPEREGIA, is that wherein the Conjugate Axis AB (Fig. 20.) and DE are equal.

Properties of the Equilateral Hyperbola.

Since the Parameter is a third Properties of to the Conjugate Aria, it is all expulse the Aria (as in largual with Aria). Wherefore, if in the Equation $y^2 = y^2 + y^2 + y^2 + z_1$, you fixpupel $\delta = y + k$. Equation $y^2 = y^2 + k^2 + z_1$. What the Parameter of the Equilateral Hyprigola. Name of the Equilateral Hyprigola. And bence, the Squares of the Colinates y^2 and z^2 , are neach other as $x + x^2$ and $x + y^2 + 1$ that is, as the Rectangles of the Arbifelis into night Lies composed of the

Abscifs and Parameter. If you suppose CP=x, CA=r, and AP=x-r, and

PB=r+x. Confequently $g^2 = x^2 - x^2$.

And fince $A = CA_1$ the Angle A = C will be half right; and confequently the Angle of the Asymptotes $F \subset G$ a right

and confequently me Angue or me asymptomes.

Ampliett Haveranch's or Harparanch's of the higher

Kind, are thank defined by the Equation $a_j^{n} + ^{n} = b^{n}$.

Kind, are thank defined by the Equation $a_j^{n} + ^{n} = b^{n}$.

Hence, in infinite Highreidit $a_j^{n} + ^{n} + ^{n} + ^{n} + ^{m} = b^{n}$. $(a + b^{n}) \cdot b^{n} \cdot (a - b^{n}) \cdot Tank in <math>j \cdot j^{n} \cdot (a + b^{n}) \cdot b^{n} \cdot (a - b^{n}) \cdot b^{n} \cdot$

In respect of these, the Hyperbola of the first Kind, is call'd the Apollonian or Conical Hyperbola. Apollonius Hyperbola, is the common Hyperbola, or the Hyperbola of the first Kind: Thus call'd in Contra-distinction to the Hyperbola's of the bigher Kinds.

HYFERBOLE, in Rhetoric, a Figure, whereby the Truth and Reality of Things is exceffively either enlarged or diminish'd. As, He ran fwifter than the Wind; He went flower than a

As, he can invite to the transfer of the Tortoffe, Side.

The Charactet of an Hyperbole is to exaggerate or extendate the late of the Thing fooks of, beyond the Bounds of Trath, or even Probability.

Historicals, Saw Songer, Ive without deceiving; they lead

Truth, or even Probability.

Hyperside's, says States, Iye without deceiving; they lead
the Mind to Truths by Fiftions, they convey the Sentiment
intended, by experting it in Terms which render it incredible — The Hyperbole promifes too much, to make you con-

ceive enough Arificele observes, that Hyperbole's are the favourite Fi-gures of young Authors, who love Excels and Exaggeration; so that Philosophers should not use them without a great

for that Philotophers incould not nie mem without a great chal of Retires.

The Pitch to which an Hyperbole may be carry'd, is a Point of great Delicacy: "To carry it too far, is to deltroy is: It is of the Nature of a Bow-firing, which, by immoderate Tenfon, flackers; and frequently has an Effect quite con-tentry to that intended. Longinus.

Those Hyperbole's are best, which are latent, and are not taken for Hyperbole's are best, which are latent, and are not taken for Hyperbole's. For this Reason, they should scarce ever be used but in a Passion, and in the hiddle of some imporever be used out in a Passion, and in the middle of forms impor-tant Incident: Such is the Hyperbole of Herodotta, fipeaking of the Lacedermonium, who lought at Thermopyle, "They "defended themselves, for fome time, with the Arms that "were left them, and at last with their Hands and Teeth 3

"defined themselves, be forme time, with the Arma that were fell them, and at last with their Hands and Term's, were fell them, and at last with their Hands and Term's, and the state of t and makes a before 'tis faid, is alwa The Word is Greek, daugeon, fuperlatio, form'd of the

The Word is Grack, Gaughau, Japperlatic, form'd of the Verb Ungulanes, antiparents, to exceed, furnals by Arg. HYPERROLLC, fomething relating either to an Hyperbola. See Hyperbola. Experition, an Hyperbola. Thus we lay, an Hyperbolae Expertition, an Hyperbolic

Image, 85c.

HYPERBOLIC Line is us'd by fome Authors for what we call the Hyperbols itlelf.

In their Senfe, the plane Surface terminated by the Curve Line, is call'd the Hyperbola; and the Curve Line that ter-

ages it, the Hyperbolic Line. minates It, the Hyperbolic Line.

Hyperrolic Ling of a Corre, is that which approaches infinitely nearto fome Afymptote.

Sir If, Newton reduces all Corres, both of the first and of the higher Kinds, into those with Hyperbolic Legs, and

thole with Parabolic ones, See Curve.
Hyperbolic Consid. See Conord.
Hyperbolic Solid. See Curature.

Hyperbolic Mirrour. See Mirron. HYPERBOLICAL Cylindroid, is a folid Figure, whose

Generation is given by Sir Carifaphar Wron, in the Philoso-phical Transactions.

phical Translations.

Two opposite Hyptrbula's being join'd by the Transverfe Axis, and thro' the Centre a right Line being drawn at right Angles to that Axis; and about that, as an Axis, the Hyptrbula's being supposed to revolve; by such Revolution, a body will be generated, which is call'd the Hyptrbula's Distribution of the Bates and all Sections parallel to them will be Circles. In a subsequent Transaction, the same Author ap-plies the new Figure to the grinding of Hyperbolical Glasses affirming, that they must be form'd this Way, or not at all.

affirming, that they thank to see Minkow.

HYPERBOLL-FORM Figures, are such Carves as approach, in their Properties, to the Natute of the Hyperbols 5, call'd also Hyperbolsists.

HYPERBOLOIDES, are Hyperbolos of the higher Kind, wherein m > 1 and m > 1, $e, g_T, a_T^2 = b \neq a_T^2 (a + a_T)$. HYPERBOREAN, in the ancient Geography.—The Ancient decominated those Feogle and Places Hyperborous which were to the Northward of the Syptham. They had but very little Acquaintance with their Hyperborous Regions 1 and all they rull as of them in very percaion, much of it falfe

Diodorus Siculus fays, the Hyperboreans were thus call'd 20000001 Strom lary, the Experiencent were that can de by reason they dwelf beyond the Wind Pereat; with figur-tying above or beyond, and perion, Ecross, the North Wind. This Exprodogy is very natural and plassible; north-flunding all that Residency has taid against it, who would have the Word to be originally Gother, and to fignish Nobi-

Sec BOREAS.

ity, See Horaus. Goube, whether or no there were any fach Thing as Hyperborne Nations. Strady, who profess that he believes there are, does not take Hyperborne to fignity beyond Econes or the North, as Hiradotts understood its The Preposition sees, in this Cost, he suppose only to help form a Superlative; so that Hyperbornes, on his Principle. means no more than mod Meriterre: So that it appears the Ancients Garce knew themselves what the Name meant. HTFREATALECTIC, in the Greek and Letter Poetry, is applyd to Verfes which have one or two Syllables too much; or beyond the Macfaire of regular Verfe. See VERSE

VESSE.
The Gords and Letin Vertis are dillinguished, with reThe Gords and Letin Vertis are dillinguished, with retraction of the Control of the Control
where nothing is unusing at the End 1 control
to the Control of the Control
to the Control

Tion, and Purcative.
The Word is compounded of the Greek, 1979, Supra, and

as Smerke, I purge. HYPERCRISIS, in Medicine, an immoderate critical Excretion. Sec CRISIS.

Thus, when a Fever terminates in a Loofeness, the Hu-

HYPERCRITIC, an over-rigid Cenfor, or Critic; one who will let nothing pass, but animadverts severely on the slightest Fault. See Criticism.

Signeti Fault, oec CATTOLISS.

The Word is compounded of win, fuper, shove, beyond, and seemis, of sevins, Judewy of seins, Judge, HYPERDULIA, in the Romilo Theology, is the Worthip render'd to the Holy Virgin. See Virgins, and that to the Mother of God, Hyperdulia; as being superior to the Mother of God, Hyperdulia; as being superior to

Sec WORSHIP.

the former. See Workship.

The Word is Greek, compleasin, composed of sins, above, and blass, Worthip, Service.

HYPERMETER, in the ancient Poetry, the fame with Hypercatalclic. See Hypercatalclic. See Hypercatalclic.

The Word is composed of sins, furper, and percen, Mea-

HYPERTHYRON, in the ancient Architecture, a Sort of Table, used after the manner of a Frieze, over the Jambs of Dorre Doors and Gates, and the Lintels of Windows. It lies immediately under the Corona; and is by our Workmon usually call? the King-piece. See Doon, Wisnows, gice. The Word is form'd of wine, Juper, over, and bugs, jamas.

Gate. HYPERSARCOSIS, in Medicine and Chirargery, an Ex-cefa of Field; or rather, a flefthy Exercicence, tuch as those generally ariting on the Lips of Woonds, &c. See Ex-CRESCINCS, WOUND, FUNDOUS, &c.

generally arting on use large vo. re-common constance, Newsyn Powlows, Her Etyman, Hyra-cason, in the section Architecture, a Kind of Temple, open and the section of the s

Of Hyperlevas, forme were Decastyle, others Picnostyle. But they had all Rows of Columns within-fide, forming a kind of Perittyle; which was effential to this Sort of Temple. See Praistryle. Temple. See Peristyte.

The Word is form'd of \$15, fith, under, and \$10cc.

HYPHEN, an Accent or Character in Grammar, which implies, that two Words are to be join'd or connected into one Compound Word. — As, Male-Sanus, Male-Administra-

one Compound Word, — As, Male-Stans, Male-Administration. See Access, Chanacters, George Switch, Standard ComINTO TCL, in Induction, a Remedy Order, Occ. See
THY NOT CL, in Induction, a Remedy Order, Occ. See
THY Words come from the Cond words, James, Step
THY Words come from the Language may fine see
The Cond Proposition of the Condition o

HYPOCATHARSIS, in Medicine, a too faint or feeble

Purgation. See Purgarion.
The Word is compounded of vro, flib, under, and zestares.

I purge.

HYPOCAUSTUM, among the Greeks and Romans, was a fubterraneous Place, wherein was a Furnace that fere'd to heat the Baths, ... Vitruojus calls it Coldarium. See BAYH,

Cf.
The Ancient had properly two Stens of Hyposemiles, the one call 4by Genre Dejaration, and by others Liouticus were the bear William of the Hyposemiles, and the Hyposemiles, and Hygigarinus, according to the Water constant dherein. The other Sten of Hyposemiles, was fleet of Ermore Agent of Ermore and the Water Infrared and the William that will differ and the William Stender of Hyposemiles. The Hyposemiles among the Moderna, is that Part of Place where the Fries is kept that warms 2800ce of Hickowskie and Stender Stenders and Stender Stenders and Stender

house. See Stove

houfe. See Stows.

The Word is Greek, integrity, form'd of the Prepolition

vin), fith, under, and the Verb gate, integrity, I burn.

HYPOCHYMA, or Hypochysis, in Medicine, a Difease of the Eyes, popularly call'd Catarasti. See Cata-

The Word is Greek, www.poper, which literally denoces fliedding, Effusion, or pouring out; the Difease having formerly been supposed to artic from an Effusion of some

vifcid Humour upon the Pupil,
HYPOCHYSIS, in Medicine, See Hypochyma

HYPOGRISIS, in Medicine, See Hypogriyas,
HYPOGRISIS, in Medicine, a Juice, use'd in the Compofition of Treade, &c. See Taback, &c.

The Hypogriffit is the Juice, of a Shoot of the fame Name,
fronting out from the Foot of a kind of Chius Tree, call'd

Landanim; common enough in the bot Countries. See

The Shoot grows about a Foot high; and one, two, or three Inches thick; fomewhat bigger at Top than at Bot-tom; foft, facculent, of a yellowith Colour, and furround-ed from Space to Space with a Sort of Rings, or brownish

When gather'd, they pound it in a Mortar, and express
the Juice: That done, they evaporate it on the Fire till it
come to the Consistence of a hard blackist Extract, like
Spanish Liquorice. Then they make it up into little Cakes

Spanie Laquorice. Then they indeed to go Fluxes of for Carriage.

It is of a tart aftringent Taffe, and ut'd to flop Fluxes of the Belly, Vomitings, and Hemorrhages; the anciently much more than at prefemt. It is allo an ingredient in Treacle, and forme Unguents.

reacte, and tonic Conguents. It is fomerimes us'd as a Subflitute to Acacia.---Dr. Quinoy fays, it is the more powerful of the two. See Acacia.

The Word is Greek, form'd of test, under, and sie.

Collett.

HYPOCONDRIA, or Hypochondria, in Anatomy, a Space on each Side the Epigatire Region, or upper Part of the lower Edly. See Annous and Erprachartic The Hypocontria compose the upper Part of the Christian. They are those to be upper Part of the Christian They are those on the upper Part of the Christian They are those on the Upper Endforms, and the Carridge of the Ribs, and the Tip of the Breath; and are divided, with respect to their Situatico,

nto reger and Left, In the Right Hypecondrium the Liver is found; and in the Left the Spleen, and a great Part of the Stomach. See Lives, Spleen, Sc.

Hippocrates fornetimes uses the Word Hypocondrium for the whole lower Venter or Belly. See Vantar.

The Hypocondria are subject to divers Diforders. See

HYPOCONDRIAC Difeste.

The Word is composed of the Preposition 5m, fub, under, The Word is composed of the responsion one, flow, ander, and \$\sigma_{eff}(x)\$, Cartillages, \$a.\text{d. Cartillagus Subjacent, or under the Cartillages of the Ribs, \$\frac{1}{2}\text{c.} Sec Cartilages, or Haffoo, Diffago, Apillago, or Poffico, is the fame with what we popularly call the \$\frac{1}{2}\text{ferm}\$, Veryours, \$\frac{1}{2}\text{c.}\$. The second of th

Sec DISEASE C. See Disease.
The Hypecondrise is a very comprehensive Disease: It is variously denominated, according to the various Symptoms it is attended with, and the various Parts where it is supposed to be feated, or in which it arifes,

When conceiv'd as fituate in the Hyperendrine Regions, or arising from some Disorder of the Parts contain'd therein,

or arting from some Antorder of the Farse command therein, over, the Splene, Liver, &C., it is properly call'd the Hypocondrinad Diffusfe, Splene, Sc., When conceived as awing to fome Differed of the Womb, it is call'd Hydric Affection, Sc., See Hyermaic, And lattly, when the fitualine Rumbings in the lateflines, Belcher, &C., are confidered, it is call'd the Vapears. See

Sort of Diforder. Dr. Syscabam observes, that its Symptoms ape or emulate those of most other Difeases; and that whatape or enablet those of most twhen Difficates, and that whate-wer Part it is in, produces from what the tree common Dif-cases of that Part.—Thus, in the Head, it produces a Sorrol Appelexy. Fire like the Djelleyy, ellid Pftgerie Fur; is re-volentle Head-ach, &c. In Ferions affected with the Colo-role, it produces a Palpitation of the Heart 5 (mertises, the orarely, it rieses the Longy, and crusts a continual day Cought: I also immest the Colori, and like Pattion, and Cought: a lad of musters the Colori, and like Pattion, and produces a Distribus; if the Stormel, Nanface, Some-times it lives the Section Lay, and appreciation the Head-ters of the Cought Lay, and appreciation of the Colorio. produces a Diarrina; fa the Stomach, Naufas: Same-times it fixes the external Farty, and particularly the Back, which it readers chilly and painful; and the Legs and Thighs, which it suchs to as to refemble the Dropty: Straing the Teeth, it refembles the Scarry (indeed, Li-mulier makes the Scarry (fift) be only a great Degree of this Dikate). Laftly, which is the most behavior of the lance of all, the Fattent is more affected in Mind than in

Body.

The Seat of this Difeafe is commonly support to be in the Animal Spirits, and the nervous System. Its Cause is referr'd to an acid Salt abounding in the Mais of Blood, to which the ill Disposition of the Stomach, and the other Parts contain'd in the Epigathrium, may greatly contribute.

Purcell affigns Ceudities and Indigetions as the prime
Caufe. According to Systembars, vehement Motions of the Caule. According to Sylembolm, vehement Motions of the Body, or more usually velocit Petrulstations of the Mind, as Grief, Anger, Fear, Gf. are its procatacific Caules. For the Care, the principal Indication is to purify and firenginen the Blood, which is to be effected, after proper Evacuations, by Callybears, Birtees, Strengthener, and Vo-latile Spirite. The Courter has also mobile Virtues in this placets, as also Jollik Diet. Riding is admirable. Syl-Dicets, as also Jollik Diet. Riding is admirable. Syl-

HYPOCONDRIAGAE Medicines, are Remedies proper in

STATE OF THE STATE

poeras, &cc.

That directed in our College Difpenfatory, is to be made of Cloves, Ginger, Conamon, and Nutmegs, beat, infus'd in Canary, with Sugar; to the Infusion, Milk, a Lemon, and some Slips of Rosemary to be put, and the whole strain'd

and tout solps in contentary to be pair, and the wade train of three a Planet.

It is recummended as a Cordial, good in Paralytic, Apopletic, and all nervous Cafes.

Menage approves the Conjecture of those who derive Hyperast from Hyppornates, as suppossing him the Inventor hereof.—Others derive the Word from the Grank with and HYPODROME. See HIPPODROME,

HYPOGÆUM.

HYPOG.EUM, in the ascient Architecture, a Name Charch; first among the Greek, and afterwards also muons to all the Parts of a Bailding that are under among the Latins.

The Word is formed of the Greek via, under, and yain, more the fame with Efficace of Supfance 3, to that it

Terra, Barth. Hyrogaum, 670'2000, in Astrology, is a Place under round, otherwise call'd the Imum Casi.

HYPOGASTRIC Region. See HYPOGASTRIUM.

HYPOGASTRIC Artery, is an Artery arising from the Iliaca Interna, and distributed to the Bladder, the Rectum, and the Genital Parts, particularly in Women. See An-

HYTOGASTRIC Vein arifes in the fame Parts, and dis-charges itself into the Iliaca Interns. See Vein. HYPOGASTRIUM, in Anatomy, the lower Part of the Belly, or lower Venter; commercing from two or three loches below the Navel, and extending to the Os Pubis.

See VENTER and ABDOMEN.
The Word is Greek, form'd of time, fath, under, and passits Relly Venter, Belly.

HYPOGLOSSIS, or Hypoglowtis, in Medicine, an Inflammation or Ulceration under the Tongue; call'd also

See RANULA.

Ranuls. See RANULA.

HYPOGLOTTIS, in Anatomy, is a Name given to two
Clands of the Tongue, See Tongue.

There are four large Glands of the Tongue; two of There are tour targe Glands of the Tongue; two or them call'd Hypeglerises, fituate under it, near the Venee Ranulares; and two more on the two Sides of the Tongue. They all filtrate a kind of ferous Matter, of the Nature of Saliva, which they discharge into the Mouth by little Ducts

pear the Guma,

unst the Gunn.
The West is Greek, comport of gest, fish, under, and
yearly, Jagus, Tungue.
The Chapter, Tungue.
The Chapter of the Chapter of a
The Chapter of the Chapter of the Chapter of a
The Chapter of the Chapter of the Chapter of the
Lover, so under Stones, Potes of Timber, get- that they
The West is Greek, for the Gunner of the
Lover, so under Stones, Potes of Timber, get- that they
The West is Greek, for mid of gest, fish, under, and
Lover, the Chapter of the Chapter of the
Lover, the Chapter of the Chapter
Light of the Cha Sec Eyr. Light. See Eyr.

Some will have it the fame with Ungais 3 but the more
accurate make a Difference. See Uncurs.

The Hypoprom atises from a Rupture of the Veffels in
the Uves occasional either by fome external Violence, or

the Acrimony of the Blood therein. Tis very difficult of Cure, - The Suppuration is to be

prevented by proper Cataplains; or, if there have not Effect, is to be promoted. See Surrunarion.

The Word is Greek, introop; form'd of int, fish, under,

In the work or to reason and an arrange and arrange Relations, and arrange Relation and arrange Relation and arrange Relation and arrange Relation arrange are a reason and arrange ar

the very Bone, about two Inches long; in order to cut or di-vide all the Veffels between those longing. The Defign of

The Operation was to prevent Deflusions on the Eyes,
The Word comes from the Greek, dimensional of 62s, ander, and oraces, Johnson were made, they thruit a Spanula all along between
the Peritamium and the Hefth.

the Verictanium and the Fielt.

HYPOSTASIS, a Greek Term, literally fignifying Subfiltener, suckd in Theology for Perfon.

Thus we hold, that there is but one Nature in God, and
three Hypologies. See Person. Transive, Ede.

The Word Hypologies of Greek, devisions, Subfiltentia s,
compounded of 600, flot, under, and iron, or gas, flot casifo,
fland. I resil.

compounce on page, just, search 1 Hand, I cail.

I Hand, I cail.

The Term Hypoglash is of a very ancient flanding in the Church. St. Gyrl repeats it divers Times, as also the Parase Union according to Hypoglash. The first Time incours in all calls of the Action in the Control of the Pather to Nestronis. Content accounting to appropriate. The first I time a roccurs in an accounting an accounting the first propriate the first pro "pygiges! Lacy have even fomenines used the Word Tri"nity! And nothing was warning but to have admitted the
Condubitantiality of the three Hypotages, to fixew the
Unity of the divioe Nature, exclusive of all Triplicity
in refpect of Diffinction of Nature, and not to hold it
necessary to conceive any respective Instrincity of Hysociation." posses."
This Term occasion'd great Diffentions in the ancient

in the Council of Nice, 1955plagat was defined to de-note the fame with Efficien of shiffence 5, to that it was Herefy to fay that Jelas Christ was of a different hypollast roun the Earler's beat Continum therefore in Mean-ing.—In the Necellity they were under of expering themselves throughy against the Sakelilane, the Greeks made Choice of the Word 1955plagats, and the Latins of Persons with which Change provid the Occasion of mediels Edifyrecement. Those who took the Word Hypostalis in its ancient Signi annie was door tie word repropagation in its ancient Signifi-caction, could not bear to hear of three Hypordies, which, according to them, were so many divine Essence to Sub-stances. And yet they who used the Word in the new Scasse against the Solvillani, all along declard, that they meant by it three Individuals, or three Subjects which sub-constitutions are the solvillania. fift alike, and not three different Effences or Substances: So that in their Sense, they admitted three Hypolases in one and the fame Effence.

one and the same Lettence.

Others, by Effence, underflood a common and indefinite Nature, as Humanity is to all Men in the general; and by Phypologia, a digigle Nature, presultate to each Individual; as each Man in particular is a Modification of the whole human Nature or Effecte.—Bat this fall Spiglification, which fome attribute to 82, Eddis, if apply d to the Deity, would insure that the control of the three Perfoan in far Einsiry be 17 Yumanian for the three Perfoan in far Einsiry be 17 Yumanian for the three Perfoan in far Einsiry be 18 to three Hypolafes, just as Perer, James, and John are, there

are manifeltly three Gods. Hypostasis, in Medicine, is the Sediment of the Urine,

or that thick heavy Part of the Urine which fubfides and Cartles at Roman ttles at Bottom. See Sediment. See alfo URINE. HYPOSTATICAL, in Theology, is a Term utid in The Hypofacial Union, is the Union of the human Na-ture with the Divine. See INCARNATION.

The Word was united bypollarically to the human Nature in the Person of Jesus Christ.

HYPOTANICAL Principles, among the Chymitla, and particularly Paracellifts, are the three Chymical Elements, Satt, Sulphus, and Mercary, called alio the Tria prima. See Paisciffe and Elements, See Paisciffe and Elements, Try of the Paisciffe and Elements, See Paisciffe and Elements, and Painces.

HYPOTENDAR, in Anatomy, the freed Muscle of the little Enget. See Muscle and Painces.

The Hypstense arifes from the little Bone of the Carpus, nate over the others, and is inferted externally into fituate over the others, and is inferted externally into the first Bone of the little Finger, which it serves to with-

draw from the rest. The fixth and last Muscle of the Toes is also call'd Hy-

The firsh and laft Muffel of the Toes is also call'd Hypatterns or Abductor. See Andrewon.

The Word is compounded of dist, John, and tenar, a Musele of the Thamb. See Tenare.

HYPOTHECA, in the Civil Law, an Obligation, whereby the Effects of a Debtor are made over to his Creditor,
to fecure his Debt: The fame with Margage in the Com-

See MORTGAGE

As the Hypotheca is an Engagement procur'd on Purpofe As the Hypercome is an angagement product on a purpose for the Security of the Creditor, various Maens have been made afe of to favore to him the Benefit of the Convention. The Ufe of the Pawn or Piedge is the most ancient; which is almost the flavor Thing with the Hyperbergs 2 all the Dif-ference consisting in this, that the Piedge is pur into the Creditor's Hands; whereas, in a fimple Hepathers, the Thing remain'd in the Pofferfion of the Debtor. It was found more cary and commodious to engage an Effate by a fimple Covenant, than by an actual Delivery: Accordingly the Expedient was first practised among the Greeks; and from them the Romans borrow'd both the Name and the Thing; them the Roman borrow'd both the Name and me Lining; only the Growlet, the better to prevent Frands, afed to affix fome vifible Mark on the Thing, that the Publick might know it was mortgagd by the Proprietor: But the Romans, looking on fact Advertigements as injurious to the Debtor, forbad the Ufe of them.

The Roman Lawyers diffinguish'd four Kinds of Hope The Roman Lawyers dillinguilfel from Kinds of Hope-breafs: The Conventional, which was with the Will and Confear of both Parties: The Logal, which was ap-pointed by Law, and for that Reasion call? Afroir: The Prestor's Pledge, when by the Flight or Non-appearing of the Debtor, the Creditor was put in Poffiction of this Birdels: And the Justiciary, when the Creditor was put in Poffedino bu Virtue of Secretary of the Property of the Presence of the Presence

And the Justiciary, when the Licenton was put in sometime by Virtue of a Sentence of the Court.

The Coverntional Hypotheses is fub divided into general and fpecial. The Hypotheses is general, when all the Debtor's Effects, such prefer and future, are engaged to the Creditor, it is flyicial, when limited to one or more parti-

For the tacit Hyperbeen, the Civilians reckon no less than

For the tast trypperson, the Cavillan tesson has been sense. So different Species thereof.

The Word comes from the Greek, émbies, a Thing fishgette some Obligations, of the Verb 6m 20 sus, firthpown, I am fisheted; of 200m, from, I put.

HYPOTHEMUSE, of HYPOTHEMUSE, in Geometry, is the longest Side of a right-angled Triangle; or that Side which

which subtends, or is opposite to, the right Angle. See Thus, in the Triangle K.M.L., (Tab. Geometry, Fig. 71.) the Side M.L., opposite to the right Angle K, is call d the Hypothenuse.
Tis a celebrated Problem in Geometry, that in every rectilinear right-angled Triangle, as KML; the Square of

the Hypotherinie ML, is equal to the Squares of both the other Sides, KL and KM .- This is particularly call'd the Pyrkagarasu Problem, from its Inventor Pyrkaguras, who is faid to have facrific'd a Hecatomb to the Muses, in Gratitude for their affiliting him therein. See Problem, &c.

The Word is Greek, ownsides, fightendens, form'd of versite, fiderands, I fubrend, HYPOTHESIS, in Legic, is a Proposition or Principle which we suppose, or take for granted, in order to draw Conclusions therefrom, for the Proof of a Point in Que-

Conclusions therefrom, for the front of a from in Que-fition. See Supressition and Finishite.

In Diliparation, they frequently make falle Hypholofis, in order to draw their Antagonists into Abfardities; and even in Geometry, Truths are deducible from lach falle Hypholofis.

— Thus, If the Sky thould fall, we finuald carch Larks: The Confequence is good, the drawn from a false Hypseleful.
The Word is Greek, im/2011, form'd of im, fub, under,

ane word is tirees, washers, tormed on con, fills, under, and seen, politics of in rebus, poses, I put.

Every Conditional or Hypothetical Proposition, may be diffinguished into Hypothetical Proposition, may be Conditional under which any Thing is affirmed or deny'd; and the latter is the Thing ittelf affirmed or de-

ny'd. So Thus, ny'd ; and the satter is the same, any'd. See Hyrotherical.

Thus, in the Proposition, a Triangle is half of a Parallogeam, if the Bases and Altitudes of the two be equal:

The latter Part is the Hypothelis, if the Bases, 15c, and the former the Thesis, a Triangle is half a Parallelogram.

to the Thesis, that is, the Principle support must be proved to be true, e'er we require the Contequence so be allow'd.

HYPOTHESIS, in Physicks, Sc. is a kind of System, down from our uwn Imagination, whereby to account for fome Pharoomenon or Appearance of Nature. — Thus we have Hypothelis to account for the Tides, for Gravity, for Magnet-ilm, for the Delays, &c. See Tinzs, Gravity, Macnerism, Deluge, &c. Sec Tides, Gravity, Mac-Nerism, Deluge, &c.
The real and frientific Caufes of natural Things gene-

rally lie very deep: Observation and Experiment, the proper Means of arriving at them, are in most Cases exproper Means of arriving at them, are in most cause ex-ternely flow; and the human Mind impatients Hence we are frequently driven to feign or invent fomething which may feen like the Caufe, and which is calculated to answer the feveral Phanomora; I of that it may puffilly be the true Caufe, Philiotophers are divided as to the Ufe of fuch Fiftens or

Traditional and helf Writers are close of such a formats.

The latefil and helf Writers are for excluding lightpath(s), and flanding wholly on Obtevation and Experiment. See ERRIAINENTAL Philiphylar, Whatever is not educed from Prozeomena, fays bit, Norten, is an Hydrabelli s, and Hydrabelli, whether Metaphyseus, or Phylical, or Mechanical, or of occul Qualifiers have no Plaze in Experimental Hollophy. Phil. Nor. have no Plaze in Experimental Hollophy. Phil. Nor.

have no Place in E. Prin. Math. in Cake.

PROPOSITION.

The state of the state of the state of payed what Affection in the primary Partice of Matter thy plates jail what Figure, what Magninde, what Marion, and wint officers of the state of the The Carrefians take upon them to suppose what Affections

only a Pable. Cates in Fresta, as Newton, Princip.

Hypophesis is particularly applyd, in Affronomy, to
the feveral Systems of the Heavens: Or the divers Manners
wherein different Affronomers, have Inpposed the beavenly
Bodies to be ranged, movel, obe. See Systems.
The principal Hypothesis, are the Protomotic, Copernican,
and Tythomic. See Protomate, Copernican, Tythom-

The Committee is now become focurrent, and is fo well warranged by Observation; that the Retainers thereto, hold in individual to all tan Hyphydria.

HYPOTHETICAL Prophysics, is a Combination of two Categorical Prophysics, Categorical Prophysics,

If he be a Man, he is an Animal: If the Tink fleep, the Cock crows: If you repent, you shall be forgiven. See HYPOTRACHELION, in Medicine, Is the lower Part of the Neck. See NECK.

It is thus call'd from o'ri, fish, under, and rogget &, Col-

It is also apply'd by some Authors in a more general Sense, for the Neck of any Column; or that Pare of the Capital thereof below the Astragal. See Column and Astragal. HYPOTYPOSIS, in Rhetoric, a Figure whereby a Trang is fo livelily described or painted, that it does not feem to be read or heard, but actually feen, or prefented before the

From to relate, our actuary section, or presences sense the Eyes. See DEACRIPTION Clears, wherein he pains the Barbarry of Ferres: 19th Inflammatus feelers & furner in forum centi. Arthronia Octolis, too one or crisislistic semanta-bot. Expectations comes for transfer for present present and both. Expectations comes for transfer for the present present and the contract of the present present present present and the transfer for the present pre leat. Expellations umous our instants Prografferra, ane mid-mon actions of the cours report definement energis, quest use mon actions of the course of the Research, Sec. The Reproposition is temporally used to the Peers, and par-ticularly Pringl, who to because in Binotings. The Reproposition is temporally used by the Peers, and par-ticularly Pringl, who to because in Binotings. The Reproduction of the Peers of the Peers of the Peers of Reproduction of the Peers of the Peers of the Peers Thing be feen, of Green, Farbor, and given to the Men-THY OCCOME, and Austrony, a Name given to the Men-tal white Senfe, the Medialithmen is a Physicosus. In this Senfe, the Medialithmen is a Physicosus.

SUB.

HYPSILOIDES, in Anatomy. See Hyothes.

HYPSISTARII, HYPSISTARIANS, a Sect of Hereticks in the IVth Century; thus call'd from the Profition they made of worthipping the most High God, in Greek call'd

made of worthipping the moit High God, in Greek call'd VAreS, Hydphins.

The Deckrine of the Hyphipsisians, was an Affemblage of Paganifin, Judalifin, and Christinaisy. They ador'd the most High God with the Christians; but they also rever'd Fire and Lamps with the Heathess; and observ'd the Sab-buth, and the Distinction of, clean and unclean Things, with bath, and

the Yees.

The Hyppfferrii bore a near Refemblance to the Euphrmites or Maffelians. See Massallan.

HYSSOF, Hyssoros, a medicinal Herb, of a deterging cleaning Quality, and chiefly utfed in Diseases of the Breath and Lungs. See Deveroeny.

and Lungs. See United States in pedioral Apozems. — There is also a Syrop, and a fitting distilled Water from it, and in the Shops. See Waters, Gotor and strengthen; and is Irealist also a Facalty to confort and strengthen; and is prevalent against Melancholy and Philegm. — It is proposed to the state of the state o

gared only by Slips.

Its Tops and Flowers reduc'd to Powder, are by fome referv'd to firew upon the colder Sallad Herbs. See Sal-

HYSSOPIC Arr, a Name which Paracelfus gave to Ch miltry, confider'd as that Art purifies Metals, Minerals, &c... in Allufion to that Text in the Pialon, Purge me with Hyffop,

and I shall be clean. See Chymistray.

HYSTERALGY, in Medicine, a Pain in the Matrix or
Womb, occasion'd by an Inflammation, or other Diforder

The Word is compounded of the Greek, ories, Matrix,

Wamb; and saffer, dolor, Pain.

HYSTERIC Affelion or Passion, a Discase in Women, call'd also Suffication of the Womb, and Fits of the Mo-

ther, the state of the Marian Marian and the Marian promision only with Hydroic Affellium is generally used by Authors promisionably with Hydroicantriae Affellium; the two Distartse being proposed to be, in castler, the inner. —They only disting in Point of Relations and Grementhance.

Found of Relations and Grementhance.

Proceedings, peculiar to Wannes, and (appead to arise the Hydroican Control of the Marian Con

fellim.

One of the Symptoms or Effects of Hypocondrise Difcases is Coarullons, and Fits not unlike those of the Epiteptly a there we call Hybries Fits; and the Different that
produces them, the Hybries Michies. Sydenthem.

The Name Hybries is found of the Gross, ween, Uterus,
Wombs the Patient requently functing a Ball rolling in the
Abdomers, and founttiens vising to the Threas, which frome

weakly enough have attributed to an Elevation of the Womb. t is particularly denominated Hyfteric Suffication, from one of its principal Symptoms, which is a Contraction of the Breath, and a Difficulty of Breathing. Some Women under this Diforder, fancy a Rope ty'd about their Necks, ready to itrangle them; and others, a Piece got into their Throats, which they cannot fuellow, but ftops their Breaft ; Some will even remain a good while as if really strangled, without any Sense or Motion

until melly thempled, without any Sente or Monro.

The more common Symptone on Acidents of this Difcatie, are a Swimming of the Head, Dualing of the Eyer,
montion, Difference, Common Structure of Acidents of this Difcatie, are a Swimming of the Head, Dualing of the Eyer,
montion, Difference, Common Structure,
montion, Difference, Common Structure,
with a Sente of Coldents foreign up the Back, and afterwords freezing over the whole Bayly. There neather a
Head of the Coldents foreign up the Back, and afterwords freezing over the whole Bayly. There neather a
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Head of the Crown of the Head; and this he takes to be the chief Diagnostic of the Difease,

agonitic of the Difeatic.
The ordinary Casies of this Diforder are violent Pattices,
Rage, Love, Gritc, ill News, facet Smells, &c. As for
the popular Notion of malignant Vapours rining,
from the
Wonth, and occasioning all these symptoms; the Learned
all distard is, and hold Men as fashick to the Diffacts as
Women. The real Casis is in the Asimal Spirits, and the
reverse Sylten yand the Affection does not editier from the

Hypocondriac.

IMPOCOMOTION.
For the Care; as many of the Symptoms are convulfue, Amiljainfoodicks are indicated. Daming the Favoxyfina, feethd Things, whether internally or externally apply d, are of Advantage; particularly Caffortum, the Smalk of bornt Horn, or hour Feather held to the Node. Vodalla Spirits also help to make the Hesters out of the Brougyfina; and the Care of the Care of the State of the Care of tickling in the Soles of the Feet. Where its feverer than redinary, recourt must be had to Punction, Scarification, Ve-ficatories, Cashicks, &f.c. See Hysters in Medicines. HYSTERICKS, or Hysters in Medicines, are Remedies proper to remove Hysteric Affections; particularly Diforders

of the Womb.

There are divers Species of Hystericks: Some evacuate of cleans the Womb, by expelling any Impurities lodged therein: Others tend to thop immoderate Fluxes thereof and others fluxes thereof of the Womb.

According to Dr. Spinory, Hyperic Affections artife either from not fortillating, errors are self-spinory and the self-spinory and the self-spinory and the self-spinory and the Make and Secretion of the Parts have analyst foliable them to, and which, in fount Series of Conflictation, arise to that occasion a fortillation Yantry of Symposium 5; e.g., feveral Secret of Convilsion, and Species of Madnets; which there-Thee Difference from most effectively alley'd, by fish of the Dilay as are in a Mamert the Reverse of Condish, and one both in dearli and the Secretic S

tits, and damping their insertiants Sollies, to that feath Stimulation carefu, and the Fibers return to their antural Towe and Mechons: For as what is grateful to the Sotting, gives an incoperfibitly Remote to the fine terms Filments; i) beceen what is tental and different borners. Kind conflict their developes the state of the state of the state of their state of their developes. The state of their developes and the state of their state of their state of their state of the state o

whereby its Motion is much retained, and consequently its Motion Entertained (left framey. HYSTROLOGY, HYSTROLOGIA, is Rhetoric, a vitious Manner of fpeaking, wherein the natural Order of Things is inverted; call do y the Greeks, code and gravitys, d. d. to put the firft Thing where the last flowald of the Code of th

verted. HYSTEROMATOCY, in Chirurgety, an Operation more ufually call'd in our Language the Cofarian Operation or Softion. See Casarian. HYSTERON-PROTERON, SOME THETHEW. SEE HYSTE-

HYSTEROTOMIA, in Anatomy, an Anatomical Dif-fection of the Uterus, or Womb. See Maraix. The Word is form'd of the Greek, seigs, Masrix, Womb,

the Word is formed of the Greek, brieg, Matrix, Womb, and vigues, fox, I cat, I diffielt.

HYTH, a Port, Wharf, or little Haven, to embark or land Wates at.—Such are Queen-byth, now Maidenbead, 25c. See Porx, HAVAN, 55c.

of the same







BUMARITIES

HUMANITIES REFERENCE NON-CIRCUISATING

